ภาคผนวก ข.2-8

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(CEMs)

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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10-Jan-24 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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10-Jan-24 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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10-Jan-24 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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10-Jan-24 23:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jan-24 01:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
11-Jan-24 02:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jan-24 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 18:00:02	26.1885677	0	1.159270843	1.233346531	0.000746538	13.42179628	1709.733594	261.9	**0.000084**	**0.023306**	**0**	**0**	**0.000002**	**0.0005645**	48.64211659	0	1.189270843	3.051306	
23-Jan-24 19:00:02	26.87945335	0	1.160425286	1.22153638	0.006545147	13.49924481	1670.360417	259.3	**0.000084**	**0.023404**	**0**	**0**	**0.000002**	**0.0005477**	60.48456399	0	1.168425286	0.012968167	
23-Jan-24 20:00:02	26.83609432	0	1.217465569	1.261441303	0	13.46775336	1668.392969	256.2	**0.000084**	**0.023375**	**0**	**0**	**0.000002**	**0.0000836**	60.19274269	0	1.217465569	0	
23-Jan-24 21:00:02	26.57492199	0	1.223064606	1.265182637	0	13.48252175	1664.815880	143.9	**0.000084**	**0.023208**	**0**	**0**	**0.000002**	**0.0000858**	60.05503890	0	1.223064606	0	
23-Jan-24 22:00:02	25.33127596	0	1.387517206	1.425364706	5.125277658	14.0807292	1484.728385	100	**0.000070**	**0.019384**	**0**	**0**	**0.000002**	**0.0000823**	51.54383774	0	1.387517206	11.21540941	
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Site Name: GULF GUT
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Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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24-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF OUT
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Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	29.33	0.00	1.18	-1.27	0.00	13.42	1,454.23	100.00	0.00	0.00	0.00	0.00	0.00	0.00	45.64	0.00	1.18	3.00	
Maximum	36.88	0.00	1.38	-1.43	5.13	14.98	1,708.78	280.00	0.00	0.00	0.00	0.00	0.00	0.00	51.64	0.00	1.38	11.22	
Avg	34.98	0.00	1.24	-1.38	1.03	13.99	1,634.96	204.00	0.00	0.00	0.00	0.00	0.00	0.00	50.19	0.00	1.24	2.74	
sum									0.00		0.00		0.00						
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust(7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jan-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jan-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jan-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jan-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jan-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-Jan-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jan-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jan-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust(7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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07-Jan-24 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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07-Jan-24 14:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 15:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 16:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT | GULF GUT
Stack Name: HRSG STACK12 | HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59 | 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jan-24 17:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 18:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 19:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 20:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
07-Jan-24 21:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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10-Jan-24 12:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT | GULF GUT
Stack Name: HRSG STACK12 | HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59 | 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

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

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust(7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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18-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
18-Jan-24 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jan-24 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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20-Jan-24 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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20-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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20-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-01/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-01/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust@7%O2	HRSG12_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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21-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 18:00:03	21.88034721	0	1.338674707	1.335789736	0.270987818	13.43008471	1779.99125	261.8	**0.000073**	**0.020354**	**0**	**0**	**0.000002**	**0.0006619**	40.95048254	0	1.338674707	0.504761838	
23-Jan-24 19:00:03	22.68148448	0	1.360017338	1.358159742	0.213472215	13.49478735	1794.897917	258.7	**0.000074**	**0.020537**	**0**	**0**	**0.000002**	**0.0006554**	42.53708729	0	1.360017338	0.410233411	
23-Jan-24 20:00:03	22.2979259	0	1.350961764	1.350745678	0.001163169	13.45901919	1725.068073	257.1	**0.000072**	**0.020102**	**0**	**0**	**0.000002**	**0.0006502**	41.65280783	0	1.350961764	0.002184474	
23-Jan-24 21:00:03	22.14079015	0	1.358472242	1.357421966	0.035434015	13.48338768	1724.470833	143.6	**0.000072**	**0.019954**	**0**	**0**	**0.000002**	**0.0006507**	41.49532839	0	1.358472242	0.066797146	
23-Jan-24 22:00:03	21.71456815	0	1.480425192	1.477633974	7.929479047	13.96180133	1458.058487	88.5	**0.000060**	**0.016546**	**0**	**0**	**0.000002**	**0.0005996**	48.49193006	0	1.480425192	16.72184809	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-01/1/2023 23:59

GULF GUT
HRSG STACK12
01/1/2024 00:00-01/1/2024 23:59

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

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF OUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF OUT
HRSG STACK12
01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Minimum	21.71	0.00	1.34	1.34	0.00	13.42	1,458.07	58.50	0.00	0.00	0.00	0.00	0.00	0.00	40.66	0.00	1.54	0.50	
Maximum	22.66	0.00	1.48	1.48	7.93	13.99	1,779.88	281.60	0.00	0.00	0.00	0.00	0.00	0.00	43.49	0.00	1.46	16.72	
Avg	22.14	0.00	1.38	1.38	1.69	13.68	1,684.50	291.94	0.00	0.00	0.00	0.00	0.00	0.00	41.97	0.00	1.38	3.94	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF GUT
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Periodically: 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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14-Jan-24 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

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

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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14-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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14-Jan-24 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jan-24 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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23-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust(7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 0C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jan-24 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jan-24 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 0C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2	HRSG22_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-24 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 02:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 03:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 04:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 05:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 06:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 08:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 09:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 15:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-24 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-24 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
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Site Name: GULF GUT GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jan-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jan-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT GULF GUT
Stack Name: HRSG_STACK22 HRSG_STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59 01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT | GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust(7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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09-Jan-24 23:00:01	26.00791864	0	1.291753297	1.360333824	14.44901066	13.83179004	1666.219148	158.5	0.000077	0.021280	0	0	0.000002	0.0005820	51.11658264	0	1.291753297	31.6729657	
10-Jan-24 00:00:01	25.66843792	0	1.591345815	1.690442796	18.90116328	14.08056343	1379.200261	162.1	0.000067	0.018501	0	0	0.000002	0.0006097	52.29771739	0	1.591345315	44.82410626	
10-Jan-24 01:00:01	25.13654816	0	1.700481047	1.789973946	19.28140638	14.13083589	1244.325823	162.3	0.000059	0.016348	0	0	0.000002	0.0005878	51.59565291	0	1.700451047	39.72985883	
10-Jan-24 02:00:01	24.83219626	0	1.656327981	1.93833822	18.50875368	14.08381731	1245.763495	162.1	0.000058	0.016167	0	0	0.000002	0.0005732	50.81640381	0	1.656327981	37.92184671	
10-Jan-24 03:00:01	24.52079511	0	1.582300231	1.660789683	19.87052057	14.09720267	1238.474482	162.7	0.000057	0.015871	0	0	0.000002	0.0005443	50.07569968	0	1.582300231	40.7887685	
10-Jan-24 04:00:01	24.17536461	6.61E-05	1.443098906	1.512482547	20.01493063	14.10061638	1250.551625	164.6	0.000056	0.015547	2.0971E-18	5.8252E-08	0.000002	0.0004933	49.4011817	0.000134095	1.443098906	41.06587899	
10-Jan-24 05:00:01	24.40909734	0	1.453453431	1.622698658	18.86659379	14.07196407	1226.215627	167.9	0.000056	0.015642	0	0	0.000002	0.0004951	49.98798036	0	1.453453431	38.57579831	
10-Jan-24 06:00:01	24.69677087	0	1.568058933	1.627230086	17.82746916	14.04110697	1233.529174	177.5	0.000057	0.016021	0	0	0.000002	0.0005338	50.31862513	0	1.568058933	36.34542246	
10-Jan-24 07:00:01	24.56154515	0	1.538039471	1.606631968	17.08130209	14.00120449	1260.089223	226.4	0.000058	0.016111	0	0	0.000002	0.0005302	48.45416929	0	1.538029471	34.89787597	
10-Jan-24 08:00:01	24.33509701	0	1.331276014	1.400945228	9.631549221	13.78385809	1606.561956	193.7	0.000069	0.019147	0	0	0.000002	0.0005565	47.57257234	0	1.331278014	19.10639634	
10-Jan-24 09:00:01	24.18329882	0	1.5820138	1.651171537	17.41475088	14.05854393	1321.166871	162	0.000060	0.016764	0	0	0.000002	0.0005806	48.14141299	0	1.5820138	35.90114769	
10-Jan-24 10:00:01	24.86693742	0	1.371649172	1.438949658	11.70096955	13.86953108	1457.275622	163.7	0.000068	0.018938	0	0	0.000002	0.0005552	49.31415179	0	1.371649172	29.66126222	
10-Jan-24 11:00:01	24.86189699	0	1.584400756	1.631770088	15.64816313	14.0951802	1240.360683	160	0.000058	0.016050	0	0	0.000002	0.0005390	50.66196919	0	1.584400756	32.00582217	
10-Jan-24 12:00:01	24.81293699	0	1.574687303	1.641683744	15.63447902	14.13282341	1241.860422	162.5	0.000058	0.016130	0	0	0.000002	0.0005432	51.0380709	0	1.574687303	32.57939537	
10-Jan-24 13:00:01	24.71050887	0	1.580234285	1.646203864	16.19401324	14.15399098	1246.637758	187.9	0.000058	0.016000	0	0	0.000002	0.0005472	50.38279388	0	1.580234285	33.47443114	
10-Jan-24 14:00:01	24.41159357	0	1.586070098	1.652538295	15.48355844	14.15303875	1269.728205	169.8	0.000058	0.016071	0	0	0.000002	0.0005560	50.27630843	0	1.586029098	31.99692587	
10-Jan-24 15:00:01	25.08615335	0	1.451168806	1.528467811	13.24673612	14.15669108	1261.806515	163.4	0.000060	0.016543	0	0	0.000002	0.0005121	51.59967167	0	1.461168808	27.38342343	
10-Jan-24 16:00:01	25.37256214	9.08E-05	1.383011882	1.450347147	12.87734066	14.17164068	1258.116929	238.5	0.000060	0.016663	2.6583E-11	7.8396E-08	0.000002	0.0004833	52.40056747	1.92E-05	1.383011882	26.67563775	
10-Jan-24 17:00:01	26.80133817	0	1.176058874	1.242725675	7.169444336	13.95002568	1508.477084	152	0.000076	0.021129	0	0	0.000002	0.0004928	53.5880257	0	1.176058874	14.63881626	
10-Jan-24 18:00:01	25.56280391	0	1.264070794	1.300545665	11.56811101	14.14550049	1338.165682	158	0.000064	0.017843	0	0	0.000002	0.0004692	52.57639415	0	1.264072794	24.00069479	
10-Jan-24 19:00:01	24.9717169	0	1.353211579	1.450798738	13.56003451	14.1649436	1264.707555	193.2	0.000058	0.016505	0	0	0.000002	0.0004759	51.52377124	0	1.353211579	28.06639652	
10-Jan-24 20:00:01	26.30610245	0	1.147638753	1.210895833	5.657309076	13.88479398	1685.429	162.4	0.000077	0.021521	0	0	0.000002	0.0004000	52.12173886	0	1.147638753	13.65348673	
10-Jan-24 21:00:01	24.84452581	0	1.412482561	1.480507631	14.86500678	14.16568603	1273.014327	164.5	0.000060	0.016637	0	0	0.000002	0.0004097	51.27084037	0	1.412482561	30.78815178	
10-Jan-24 22:00:01	25.09424766	0	1.451388642	1.521206804	16.33963117	14.14187508	1257.076302	187.6	0.000059	0.016400	0	0	0.000002	0.0005068	51.52130069	0	1.451388642	31.87122103	
10-Jan-24 23:00:01	25.06975623	0	1.595720379	1.665329393	16.68582288	14.14809685	1257.070837	176.3	0.000059	0.016478	0	0	0.000002	0.0005572	51.50259747	0	1.595720379	32.33728354	
11-Jan-24 00:00:01	25.40844811	0	1.518611204	1.587332106	14.81604168	14.08919061	1257.863546	175.0	0.000060	0.016703	0	0	0.000002	0.0005306	51.83767061	0	1.518611204	30.35404724	

Site Name: GULF GUT | GULF GUT
Stack Name: HRSG STACK22 | HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59 | 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust(7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jan-24 01:00:01	25.28151916	0	1.421345298	1.489540085	15.02513878	14.06083342	1242.680158	161.7	0.000058	0.016418	0	0	0.000002	0.0004908	51.38406139	0	1.421345298	30.66044191	
11-Jan-24 02:00:01	24.66643226	0	1.463637061	1.682423194	16.41630178	13.97944882	1449.530729	169.6	0.000067	0.018618	0	0	0.000002	0.0005853	49.30249819	0	1.453637051	33.45677873	
11-Jan-24 03:00:01	24.10101569	0	1.570885299	1.640258992	17.15932304	14.07900611	1200.382348	166.0	0.000056	0.015497	0	0	0.000002	0.0005380	48.7364145	0	1.570885299	34.85120777	
11-Jan-24 04:00:01	24.10264753	0	1.589053649	1.623385447	16.97649299	14.02297539	1219.964582	160.5	0.000055	0.015362	0	0	0.000002	0.0005282	48.898344	0	1.589053649	34.42301475	
11-Jan-24 05:00:01	23.98173632	0	1.581657736	1.651458371	17.44016652	14.03450749	1225.219015	166.1	0.000055	0.015362	0	0	0.000002	0.0005383	48.5655474	0	1.581657736	35.40875158	
11-Jan-24 06:00:01	24.26052584	0	1.578350432	1.647916811	16.63145826	14.02741107	1223.384703	190.6	0.000056	0.015511	0	0	0.000002	0.0005364	49.04968868	0	1.578350432	33.74748553	
11-Jan-24 07:00:01	24.51872213	0	1.513460975	1.582509008	14.8958542	13.95733509	1273.788345	163.5	0.000058	0.016323	0	0	0.000002	0.0005355	48.92397477	0	1.513460975	29.62776972	
11-Jan-24 08:00:01	24.63740452	0	1.571387526	1.641024344	15.21468751	13.96349617	1374.755468	173.9	0.000064	0.017701	0	0	0.000002	0.0006091	49.34365083	0	1.571387526	30.818874	
11-Jan-24 09:00:01	24.34750889	0	1.591614286	1.66118319	18.55857856	14.06719408	1232.658075	230.8	0.000056	0.015665	0	0	0.000002	0.0005450	49.52086979	0	1.591614286	33.73474785	
11-Jan-24 10:00:01	24.88759551	0	1.350277696	1.418819503	7.973092258	13.79175863	1556.429125	254	0.000073	0.020244	0	0	0.000002	0.0005838	48.42027676	0	1.350277696	15.82755081	
11-Jan-24 11:00:01	25.01479198	0	1.178598592	1.242977388	2.988177342	13.56413851	1715.8	168.5	0.000081	0.022431	0	0	0.000002	0.0005605	47.40686692	0	1.178598592	8.042715945	
11-Jan-24 12:00:01	25.05724803	0	1.450919942	1.528047058	11.43237851	13.96272791	1508.547185	168.9	0.000071	0.019755	0	0	0.000002	0.0006122	50.2009957	0	1.450919942	23.17870067	
11-Jan-24 13:00:01	25.00082484	3.47E-05	1.474053746	1.541087781	11.20819448	13.96821617	1541.535218	167.3	0.000073	0.020141	1.4011E-18	3.8918E-08	0.000002	0.0006312	50.02030861	7.10E-05	1.474053746	22.96994495	
11-Jan-24 14:00:01	24.30980121	6.61E-05	1.594010118	1.661006983	15.57029504	14.15427524	1270.141667	182.2	0.000058	0.016137	2.1645E-18	6.0126E-08	0.000002	0.0005624	50.07688311	0.000133968	1.594010118	32.17480686	
11-Jan-24 15:00:01	24.97442705	0	1.526138701	1.592458486	12.7961285	14.06820682	1353.80677	214.5	0.000064	0.017878	0	0	0.000002	0.0005739	50.79068304	0	1.526138701	26.48681078	
11-Jan-24 16:00:01	25.87315975	0	1.412291319	1.480051694	8.625476842	13.97839331	1494.023174	213.4	0.000073	0.020202	0	0	0.000002	0.0005861	51.82727836	0	1.412291319	17.25647	
11-Jan-24 17:00:01	25.81247407	0	1.394574417	1.462908732	9.372378596	14.00670798	1566.274479	154	0.000076	0.020984	0	0	0.000002	0.0006025	52.01294356	0	1.394574417	19.12030876	
11-Jan-24 18:00:01	25.91398444	0	1.392951254	1.489635407	11.3382672	14.07087894	1456.276823	172.2	0.000070	0.019651	0	0	0.000002	0.0005673	51.89771640	0	1.392051254	23.38182297	
11-Jan-24 19:00:01	24.83730907	0	1.445772217	1.513602929	13.81534711	14.13896727	1268.434117	165.4	0.000059	0.016487	0	0	0.000002	0.0005095	51.05219863	0	1.445772217	28.48520487	
11-Jan-24 20:00:01	24.63263801	4.34E-06	1.618628279	1.687661526	16.28716992	14.11793194	1354.481771	164.7	0.000063	0.017437	1.5388E-11	4.2745E-09	0.000002	0.0005714	50.45310158	8.37E-06	1.618628279	33.65573798	
11-Jan-24 21:00:01	24.48565974	0	1.524808864	1.594158349	16.57669229	14.1277323	1260.029425	163	0.000058	0.016124	0	0	0.000002	0.0005337	50.25039458	0	1.524808864	32.00810597	
11-Jan-24 22:00:01	24.30865805	0	1.56920124	1.638778031	17.28095603	14.14642784	1255.683337	164.1	0.000057	0.015955	0	0	0.000002	0.0005475	50.01971204	0	1.56920124	35.55379956	
11-Jan-24 23:00:01	24.50590109	0	1.549010226	1.618342171	17.15489593	14.14657093	1256.12734	163.6	0.000058	0.016088	0	0	0.000002	0.0005405	50.43346564	0	1.549010226	35.35600002	
12-Jan-24 00:00:01	25.04830558	0	1.514678846	1.58381122	15.3243381	14.0728863	1274.53542	161.5	0.000060	0.016713	0	0	0.000002	0.0005383	51.05497542	0	1.514678846	30.71219587	
12-Jan-24 01:00:01	24.74880662	0	1.577100653	1.64693301	16.47181448	14.10541482	1258.772662	156	0.000059	0.016258	0	0	0.000002	0.0005508	50.61943201	0	1.577100653	33.75800758	
12-Jan-24 02:00:01	24.64511283	0	1.601310871	1.776638748	14.22050358	13.97419465	1401.847138	184.6	0.000066	0.018100	0	0	0.000002	0.0005845	49.63679006	0	1.601310871	28.74110149	
12-Jan-24 03:00:01	24.7412648	2.17E-05	1.659639749	1.829201474	11.83760415	13.86615127	1617.898848	178.3	0.000071	0.019624	8.8213E-11	2.3848E-08	0.000002	0.0006575	49.048479	4.48E-05	1.659639749	23.89170723	
12-Jan-24 04:00:01	24.3175697	0	1.73175339	1.801183183	17.21027784	14.06279893	1277.597621	177	0.000058	0.016237	0	0	0.000002	0.0006146	49.40543181	0	1.73175339	35.24614698	
12-Jan-24 05:00:01	24.42379349	0	1.701805383	1.770329488	16.60821173	14.0419467	1245.343492	155	0.000057	0.015908	0	0	0.000002	0.0005887	49.48174027	0	1.701805383	31.75098389	
12-Jan-24 06:00:01	24.70998272	4.34E-06	1.680025687	1.749930632	14.78003479	14.03703349	1236.637765	230.9	0.000057	0.015880	1.4048E-11	3.8823E-09	0.000002	0.0005771	50.02670487	8.78E-06	1.680025687	30.04148038	
12-Jan-24 07:00:01	24.93607641	7.38E-05	1.696121339	1.765243004	13.91032925	13.97836808	1435.387189	204.1	0.000067	0.018705	2.7722E-18	7.7807E-08	0.000002	0.0006759	50.05081762	0.00015375	1.696121339	28.31856356	
12-Jan-24 08:00:01	24.80657535	0	1.482204822	1.590815931	6.374346056	13.72815643	1643.329427	166.7	0.000077	0.021384	0	0	0.000002	0.0006786	48.11458374	0	1.482204822	12.86447918	
12-Jan-24 09:00:01	24.74752609	0.000282117	1.729097003	1.798258085	14.8046835	14.055306	1390.605969	158.4	0.000065	0.017984	1.8284E-09	2.8523E-07	0.000002	0.0006679	50.23959324	0.000573729	1.729097003	30.39362712	
12-Jan-24 10:00:01	26.43497577	0	1.518680489	1.687708333	6.901364063	13.78703994	1587.345698	161.4	0.000076	0.021183	0	0	0.000002	0.0006696	49.65958481	0	1.518680489	12.95320487	
12-Jan-24 11:00:01	24.83193867	3.91E-05	1.607291599	1.675703167	16.84896165	14.09021487	1322.669697	161.7	0.000062	0.017183	1.3573E-19	3.7564E-08	0.000002	0.0005640	50.65066345	8.38E-05	1.607291599	32.72256271	
12-Jan-24 12:00:01	24.40565954	0	1.877538448	1.945225667	16.45779604	14.07973311	1283.666148	175.7	0.000059	0.016373	0	0	0.000002	0.0006096	48.71549045	0	1.877538448	31.6980053	
12-Jan-24 13:00:01	24.33115438	0	1.840937236	1.909505271	16.42041671	14.09698012	1288.490628	165.2	0.000059	0.016346	0	0	0.000002	0.0006674	48.70091963	0	1.840937236	31.66551785	
12-Jan-24 14:00:01	24.80541674	0	1.789166418	1.85651458	14.25142381	14.13575864	1252.402952	144.5	0.000058	0.016195	0	0	0.000002	0.0006224	50.38089155	0	1.789166418	29.35511961	
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Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF OUT
HRSG STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust(7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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14-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Jan-24 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59

GULF OUT
HRSG STACK22
01/1/2024 00:00-31/1/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust(7%O2)	HRSG1_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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19-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
19-Jan-24 23:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 06:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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20-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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20-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Jan-24 00:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF OUT GULF OUT
Stack Name: HRSG STACK22 HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:00 01/1/2024 00:00-31/1/2024 23:00

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jan-24 01:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 02:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 03:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 04:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 05:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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21-Jan-24 07:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 08:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 09:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 10:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 11:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 12:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 13:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 14:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 15:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 16:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 17:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 18:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 19:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 20:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 21:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 22:00:02	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-Jan-24 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jan-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF OUT GULF OUT
Stack Name: HRSG STACK22 HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jan-24 23:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Jan-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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25-Jan-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
25-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Jan-24 00:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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26-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jan-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jan-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jan-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jan-24 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jan-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jan-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT GULF GUT
Stack Name: HRSG STACK22 HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jan-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT GULF GUT
Stack Name: HRSG STACK22 HRSG STACK22
Periodically: 01/1/2023 00:00-31/1/2023 23:59 01/1/2024 00:00-31/1/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-24 01:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Minimum	23.09	0.00	1.16	1.22	2.56	13.98	1,319.98	144.50	0.00	0.02	0.00	0.00	0.00	0.00	47.41	0.00	1.15	5.04	
Maximum	26.90	0.00	1.88	1.99	20.01	14.17	1,715.60	254.00	0.00	0.02	0.00	0.00	0.00	0.00	53.60	0.05	1.88	41.07	
Avg	24.85	0.00	1.52	1.60	14.30	14.03	1,341.77	175.22	0.00	0.02	0.00	0.00	0.00	0.00	50.31	0.06	1.52	29.30	
SUM									0.50		0.00		0.00						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Feb-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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16-Feb-24 20:00:00	22.390	0.000	1.185	1.314	10.504	14.504	1223779.663	142.288	0.052932	14.703427	0	0	0.001451	0.4029423	49.752	0.000	1.185	22.313	
16-Feb-24 21:00:00	24.577	0.000	0.937	1.088	0.001	13.427	1658863.087	258.098	0.077151	21.430813	0	0	0.001563	0.4341388	45.989	0.000	0.937	0.000	
16-Feb-24 22:00:00	24.181	0.000	1.001	1.130	0.001	13.373	1685619.629	267.497	0.076655	21.301502	0	0	0.001687	0.4685406	44.419	0.000	1.001	0.000	
16-Feb-24 23:00:00	23.763	0.000	0.973	1.102	0.001	13.350	1660369.408	259.999	0.074264	20.837303	0	0	0.001616	0.4488487	43.715	0.000	0.973	0.000	
17-Feb-24 00:00:00	23.697	0.000	0.816	0.941	0.001	13.451	1709619.385	262.022	0.076833	21.342482	0	0	0.001398	0.3882727	44.435	0.000	0.816	0.000	
17-Feb-24 01:00:00	24.711	0.000	0.817	0.951	0.000	13.385	1658619.456	258.118	0.077029	21.396886	0	0	0.001354	0.3760838	45.579	0.000	0.817	0.000	
17-Feb-24 02:00:00	22.662	0.000	0.970	1.102	0.000	13.408	1657943.970	259.037	0.071164	19.767642	0	0	0.001603	0.4452815	42.314	0.000	0.970	0.000	
17-Feb-24 03:00:00	24.526	0.000	0.878	0.982	0.000	12.426	1720534.424	259.205	0.079309	22.055153	0	0	0.001511	0.4197032	45.450	0.000	0.878	0.000	
17-Feb-24 04:00:00	23.287	0.000	0.876	1.002	0.000	13.423	1680390.625	253.832	0.073621	20.450224	0	0	0.001472	0.4088296	43.184	0.000	0.876	0.000	
17-Feb-24 05:00:00	23.200	0.000	0.870	0.998	0.000	13.374	1675123.047	259.943	0.073117	20.310359	0	0	0.001457	0.4048136	42.726	0.000	0.870	0.000	
17-Feb-24 06:00:00	22.452	0.000	0.789	0.917	0.000	13.355	1701108.887	261.391	0.071609	19.969140	0	0	0.001341	0.3726206	41.312	0.000	0.789	0.000	
17-Feb-24 07:00:00	23.384	0.000	0.925	1.040	0.006	13.461	1656356.774	250.506	0.073205	20.334719	0	0	0.001541	0.4281285	43.625	0.000	0.925	0.008	
17-Feb-24 08:00:00	23.416	0.009	1.112	1.259	0.041	13.483	1670030.151	246.607	0.073579	20.438142	0	0	0.001857	0.5158995	43.622	0.006	1.112	0.053	
17-Feb-24 09:00:00	21.266	0.000	0.889	1.010	3.130	13.889	1440822.910	163.473	0.057646	16.012715	0	0	0.001268	0.3522115	42.679	0.001	0.889	6.266	
17-Feb-24 10:00:00	21.186	0.000	0.972	1.106	3.138	13.988	1411092.993	192.921	0.056275	15.632058	0	0	0.001373	0.3812900	42.443	0.006	0.972	6.255	
17-Feb-24 11:00:00	21.456	0.000	0.950	1.087	2.340	14.002	1440024.392	192.950	0.058128	16.146615	0	0	0.001369	0.3801845	43.059	0.006	0.950	4.607	
17-Feb-24 12:00:00	22.657	0.001	1.346	1.478	10.506	14.452	1235372.661	143.691	0.052659	14.627535	0	0	0.001663	0.4619052	48.657	0.006	1.346	22.438	
17-Feb-24 13:00:00	22.743	0.001	1.321	1.435	11.984	14.477	1273425.781	144.016	0.054488	15.135658	0	0	0.001682	0.4671688	49.016	0.002	1.321	25.649	
17-Feb-24 14:00:00	22.516	0.002	1.401	1.538	13.122	14.518	1251495.094	142.418	0.053437	14.843632	7.8778E-06	0.00218831	0.001787	0.4967858	48.659	0.005	1.401	28.447	
17-Feb-24 15:00:00	23.008	0.009	1.279	1.427	12.384	14.513	1259731.201	147.024	0.054622	15.172806	2.5068E-05	0.00696321	0.001811	0.4475226	49.968	0.002	1.279	25.726	
17-Feb-24 16:00:00	25.196	0.001	1.132	1.258	1.092	13.973	1478171.509	204.267	0.064506	17.918862	0	0	0.001674	0.4648643	45.382	0.002	1.132	2.066	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Feb-24 17:00:00	21.584	0.002	1.322	1.440	18.796	14.686	1370067.773	151.616	0.051612	14.336772	7.7694E-06	0.00214151	0.001661	0.4668221	47.367	0.000	1.322	41.329	
17-Feb-24 18:00:00	22.809	0.000	1.163	1.310	11.687	14.494	1279078.836	141.476	0.054928	15.257878	0	0	0.001488	0.4134118	49.307	0.008	1.163	26.376	
17-Feb-24 19:00:00	21.221	0.000	1.406	1.584	14.850	14.587	1275344.971	140.544	0.050918	14.143884	0	0	0.001783	0.4951905	45.173	0.000	1.406	31.848	
17-Feb-24 20:00:00	22.123	0.000	1.099	1.237	4.984	14.135	1345956.787	165.303	0.056022	15.561620	0	0	0.001480	0.4110061	45.292	0.000	1.099	10.255	
17-Feb-24 21:00:00	25.444	0.001	0.822	0.958	0.000	13.410	1700437.988	258.938	0.081402	22.611581	8.8702E-06	0.00185284	0.001398	0.3883723	47.100	0.000	0.822	0.000	
17-Feb-24 22:00:00	23.235	0.001	0.943	1.068	3.507	14.168	1397318.398	173.758	0.060865	16.907007	4.6644E-06	0.001129	0.001312	0.3645372	47.758	0.000	0.943	7.380	
17-Feb-24 23:00:00	20.831	0.000	0.878	1.016	5.323	14.068	1466627.749	186.942	0.056502	15.694890	0	0	0.001278	0.3550090	41.965	0.000	0.878	11.257	
18-Feb-24 00:00:00	25.835	0.000	0.911	1.026	0.000	13.852	1678559.506	258.341	0.081591	22.664815	0	0	0.001530	0.4249654	48.055	0.000	0.911	0.000	
18-Feb-24 01:00:00	23.228	0.000	1.012	1.147	8.857	14.427	1775334.351	145.976	0.055729	15.480100	0	0	0.001290	0.3583478	49.671	0.000	1.012	18.737	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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22-Feb-24 12:00:00	25.234	0.004	0.957	1.086	0.000	13.366	1660348.650	267.932	0.078826	21.896146	1.9607E-05	0.00541887	0.001586	0.4412583	45.473	0.018	0.957	0.000	
22-Feb-24 13:00:00	26.789	0.003	0.698	1.040	0.000	13.380	1719053.833	267.001	0.086640	24.066787	1.4841E-05	0.00412247	0.001543	0.4286175	49.487	0.000	0.698	0.000	
22-Feb-24 14:00:00	27.471	0.002	0.639	0.974	0.000	13.358	1685449.216	267.679	0.087111	24.197559	0	0	0.001414	0.3927336	50.480	0.000	0.639	0.000	
22-Feb-24 15:00:00	27.288	0.000	0.799	0.942	0.000	13.384	1712147.563	260.302	0.087899	24.416444	0	0	0.001366	0.3800213	50.313	0.000	0.799	0.000	
22-Feb-24 16:00:00	29.523	0.000	0.827	0.984	0.000	13.389	1725706.177	256.208	0.095854	26.626036	0	0	0.001428	0.3965531	54.460	0.000	0.827	0.000	
22-Feb-24 17:00:00	27.671	0.009	0.807	0.943	0.000	13.434	1665265.254	252.738	0.086751	24.097555	4.0769E-05	0.0113248	0.001344	0.3734335	51.366	0.011	0.807	0.000	
22-Feb-24 18:00:00	25.695	0.001	0.808	0.947	0.000	13.438	1678345.877	253.216	0.081104	22.529062	2.2506E-06	0.00062515	0.001356	0.3766339	47.690	0.001	0.808	0.000	
22-Feb-24 19:00:00	25.605	0.000	0.932	1.064	0.000	13.451	1667195.068	254.403	0.080941	22.483063	0	0	0.001553	0.4315162	48.015	0.000	0.932	0.000	
22-Feb-24 20:00:00	26.982	0.109	1.083	1.231	0.000	13.500	1672156.982	253.399	0.083564	23.212271	0.00047721	0.13255787	0.001811	0.5031087	49.746	0.203	1.083	0.000	
22-Feb-24 21:00:00	26.736	0.003	0.872	1.009	0.000	13.394	1636822.206	257.805	0.082330	22.869419	1.402E-05	0.00389457	0.001427	0.3962664	49.360	0.000	0.872	0.000	
22-Feb-24 22:00:00	26.232	0.000	0.837	0.974	0.000	13.453	1560231.128	258.045	0.081940	22.761104	0	0	0.001389	0.3858842	48.608	0.000	0.837	0.000	
22-Feb-24 23:00:00	27.177	0.000	0.935	1.067	0.000	13.387	1668430.884	258.353	0.085295	23.667977	0	0	0.001558	0.4328584	50.114	0.000	0.935	0.000	
23-Feb-24 00:00:00	26.288	0.000	0.938	1.074	0.000	13.371	1647707.888	256.702	0.078394	21.776069	0	0	0.001545	0.4290041	48.555	0.000	0.938	0.000	
23-Feb-24 01:00:00	25.329	0.000	0.852	0.982	0.000	13.395	1676783.691	252.427	0.079840	22.177879	0	0	0.001429	0.3968773	48.735	0.000	0.852	0.000	
23-Feb-24 02:00:00	23.591	0.000	0.988	1.127	0.000	13.348	1677518.799	258.537	0.074465	20.682080	0	0	0.001657	0.4602826	43.258	0.000	0.988	0.000	
23-Feb-24 03:00:00	23.134	0.002	0.914	1.040	0.000	13.370	1693438.477	259.368	0.073706	20.473064	7.1397E-08	0.00198324	0.001548	0.4298643	42.583	0.008	0.914	0.000	
23-Feb-24 04:00:00	21.880	0.000	0.918	1.012	0.000	13.330	1701632.080	265.625	0.070046	19.457256	0	0	0.001562	0.4338396	40.056	0.000	0.918	0.000	
23-Feb-24 05:00:00	22.190	0.000	0.880	1.016	0.000	13.286	1694126.950	267.428	0.070728	19.646185	0	0	0.001490	0.4138350	40.446	0.000	0.880	0.000	
23-Feb-24 06:00:00	22.132	0.005	0.906	1.038	0.000	13.323	1675241.456	268.030	0.069756	19.376623	2.2948E-05	0.0063745	0.001518	0.4217740	40.479	0.009	0.906	0.000	
23-Feb-24 07:00:00	21.850	0.000	0.943	1.070	0.000	13.307	1650174.438	267.595	0.068265	18.962566	0	0	0.001565	0.4346497	39.931	0.000	0.943	0.000	
23-Feb-24 08:00:00	23.009	0.000	0.918	1.039	0.000	13.293	1681553.101	267.603	0.072764	20.226563	0	0	0.001544	0.4288079	41.922	0.000	0.918	0.000	
23-Feb-24 09:00:00	24.643	0.000	0.832	0.977	0.000	13.425	1571698.521	256.706	0.077501	21.527976	0	0	0.001391	0.3864814	45.680	0.005	0.832	0.002	
23-Feb-24 10:00:00	24.792	0.000	0.904	1.041	0.000	13.348	1686029.541	259.767	0.078644	21.845440	0	0	0.001524	0.4233696	45.450	0.006	0.904	0.002	
23-Feb-24 11:00:00	25.346	0.000	0.962	1.131	0.000	13.374	1740791.016	258.071	0.083011	23.058529	0	0	0.001728	0.4799260	46.675	0.006	0.962	0.002	
23-Feb-24 12:00:00	23.039	0.000	1.131	1.350	1.590	14.113	1358036.499	177.268	0.058885	16.351296	0	0	0.001536	0.4267983	47.032	0.000	1.131	3.149	
23-Feb-24 13:00:00	23.613	0.000	1.244	1.373	8.437	14.516	1295983.887	146.032	0.057573	15.992567	0	0	0.001612	0.4478881	51.302	0.000	1.244	18.451	
23-Feb-24 14:00:00	23.472	0.000	1.240	1.379	9.458	14.515	1231754.272	143.442	0.054395	15.108771	0	0	0.001528	0.4243092	50.719	0.000	1.240	20.875	
23-Feb-24 15:00:00	29.564	0.003	0.928	1.073	0.062	13.565	1598348.022	235.757	0.088872	24.686663	1.2693E-05	0.00352573	0.001482	0.4118042	56.639	0.000	0.928	0.000	
23-Feb-24 16:00:00	21.258	0.000	1.024	1.183	2.078	14.046	1457000.698	181.809	0.058275	16.187602	0	0	0.001492	0.4143524	42.954	0.000	1.024	4.306	
23-Feb-24 17:00:00	21.688	0.000	1.228	1.345	5.634	14.271	1327425.537	164.950	0.054608	15.168934	0	0	0.001630	0.4528931	45.867	0.000	1.228	11.787	
23-Feb-24 18:00:00	25.782	0.018	1.058	1.183	0.000	13.391	1659208.387	257.135	0.081747	22.707413	8.713E-05	0.01884725	0.001783	0.4953335	47.581	0.031	1.058	0.000	
23-Feb-24 19:00:00	25.723	0.004	1.079	1.228	0.000	13.430	1645327.759	250.584	0.079627	22.118832	1.8399E-05	0.00511093	0.001775	0.4930750	47.778	0.000	1.079	0.000	
23-Feb-24 20:00:00	23.791	0.000	1.279	1.414	7.873	14.440	1235383.086	145.057	0.055296	15.360056	0	0	0.001580	0.4390198	50.983	0.000	1.279	16.355	
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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27-Feb-24 12:00:00	26.620	0.000	1.008	1.196	0.000	13.327	1777546.898	272.955	0.089023	24.728602	0	0	0.001788	0.4967674	48.733	0.000	1.008	0.000	
27-Feb-24 13:00:00	27.976	0.000	0.917	1.073	0.000	13.363	1736481.445	268.025	0.091396	25.387590	0	0	0.001592	0.4422588	51.289	0.000	0.917	0.000	
27-Feb-24 14:00:00	24.638	0.000	0.988	1.134	6.939	14.567	1230315.674	144.639	0.057443	15.956306	0	0	0.001222	0.3394853	53.546	0.000	0.985	14.624	
27-Feb-24 15:00:00	25.710	0.000	0.980	1.136	3.563	14.487	1260500.464	142.739	0.060975	16.937482	0	0	0.001235	0.3431391	55.508	0.000	0.980	2.831	
27-Feb-24 16:00:00	25.065	0.000	1.032	1.163	6.225	14.544	1247901.978	139.799	0.058943	16.345338	0	0	0.001288	0.3578906	54.169	0.000	1.032	13.660	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-24 17:00:00	26.882	0.000	0.744	0.860	0.000	13.691	1577606.934	219.725	0.079788	22.163375	0	0	0.001173	0.3258688	51.882	0.000	0.744	0.029	
27-Feb-24 18:00:00	27.366	0.000	0.829	0.972	0.002	13.467	1625071.411	251.318	0.083637	23.232617	0	0	0.001347	0.3743044	50.991	0.000	0.829	0.004	
27-Feb-24 19:00:00	28.538	0.000	0.963	1.102	0.000	13.400	1683112.183	258.289	0.090363	25.100843	0	0	0.001621	0.4503875	52.739	0.000	0.963	0.000	
27-Feb-24 20:00:00	28.249	0.000	1.058	1.196	0.000	13.506	1626056.396	247.070	0.086421	24.005829	0	0	0.001720	0.4779674	52.939	0.000	1.058	0.000	
27-Feb-24 21:00:00	25.593	0.002	1.096	1.219	0.000	13.387	1661830.568	258.093	0.080331	22.314287	9.4488E-06	0.0026241	0.001825	0.5069686	47.497	0.004	1.096	0.000	
27-Feb-24 22:00:00	23.509	0.001	1.023	1.161	0.145	13.947	1485970.703	194.120	0.065723	18.256338	5.7794E-06	0.00160538	0.001520	0.4223082	46.923	0.002	1.023	0.278	
27-Feb-24 23:00:00	26.136	0.000	0.935	1.073	0.000	13.409	1660475.962	256.242	0.078523	21.811825	1.7388E-06	0.000483	0.001552	0.4311038	48.505	0.000	0.935	0.000	
28-Feb-24 00:00:00	24.083	0.000	0.860	1.002	0.000	13.392	1669283.813	256.271	0.075188	20.883323	0	0	0.001425	0.3960002	44.459	0.000	0.860	0.000	
28-Feb-24 01:00:00	23.706	0.000	0.915	1.059	0.000	13.364	1658372.559	258.127	0.073964	20.545658	0	0	0.001517	0.4214724	43.722	0.000	0.915	0.500	
28-Feb-24 02:00:00	23.162	0.000	0.908	1.042	0.000	13.365	1656485.352	257.153	0.072271	20.075361	0	0	0.001506	0.4181984	42.798	0.000	0.908	0.000	
28-Feb-24 03:00:00	24.496	0.000	0.919	1.056	4.040	14.315	1305246.094	164.296	0.060154	16.709483	0	0	0.001199	0.3331941	51.496	0.000	0.919	8.566	
28-Feb-24 04:00:00	22.418	0.000	1.136	1.323	12.952	14.465	1219439.819	142.220	0.051432	14.286632	0	0	0.001446	0.4016910	48.224	0.000	1.136	27.779	
28-Feb-24 05:00:00	21.204	0.000	1.051	1.188	18.278	14.400	1298190.430	162.836	0.051710	14.363616	0	0	0.001363	0.3785064	45.176	0.000	1.051	34.488	
28-Feb-24 06:00:00	24.538	0.000	1.062	1.196	0.000	13.441	1678074.829	258.131	0.077468	21.519049	0	0	0.001782	0.4949073	45.566	0.000	1.062	0.000	
28-Feb-24 07:00:00	23.333	0.000	1.038	1.157	0.032	13.537	1578702.759	235.586	0.069302	19.250658	0	0	0.001635	0.4541420	43.913	0.000	1.038	0.062	
28-Feb-24 08:00:00	24.121	0.000	0.965	1.102	2.483	14.103	1401582.983	185.121	0.063609	17.669189	0	0	0.001352	0.3758062	48.936	0.000	0.965	4.897	
28-Feb-24 09:00:00	24.726	0.000	0.910	1.042	0.000	13.369	1660454.346	257.743	0.077244	21.456543	0	0	0.001511	0.4197612	45.705	0.000	0.910	0.000	
28-Feb-24 10:00:00	25.660	0.000	0.983	1.100	0.000	13.341	1687526.363	258.508	0.081150	22.541786	0	0	0.001626	0.4518061	46.872	0.000	0.983	0.000	
28-Feb-24 11:00:00	25.300	0.001	0.959	1.097	0.000	13.391	1711124.023	264.577	0.081447	22.624244	2.429E-06	0.00067473	0.001641	0.4557386	46.641	0.001	0.959	0.000	
28-Feb-24 12:00:00	25.773	0.011	0.848	0.991	0.000	13.355	1710339.356	262.949	0.082933	23.036075	4.8042E-05	0.01334496	0.001450	0.4028446	47.326	0.020	0.848	0.000	
28-Feb-24 13:00:00	27.026	0.000	0.804	0.945	0.000	13.333	1731600.404	255.267	0.088045	24.457066	0	0	0.001392	0.3866025	49.489	0.000	0.804	0.000	
28-Feb-24 14:00:00	27.735	0.000	0.813	0.944	0.000	13.323	1693188.843	255.209	0.088352	24.542117	3.1357E-07	8.7103E-05	0.001377	0.3825467	50.725	0.000	0.813	0.000	
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Minimum	20.83	0.00	0.66	0.78	0.00	13.29	1,219,439.82	139.80	0.05	14.14	0.00	0.00	0.00	0.30	39.93	0.00	0.56	0.00	
Maximum	29.55	0.11	1.41	1.54	18.79	14.60	1,777,345.90	272.95	0.10	26.83	0.00	0.13	0.00	0.53	56.54	0.20	1.41	41.33	
Avg	24.50	0.00	0.97	1.10	2.03	13.66	1,564,463.98	237.22	0.07	20.13	0.00	0.00	0.00	0.43	47.16	0.00	0.97	4.97	
sum									5.96		0.00		0.14						
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
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Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
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16-Feb-24 14:00:00	23.306	0.000	0.957	0.924	0.040	13.311	1803041.280	288.445	0.070659	21.960887	0	0	0.001726	0.4704387	42.555	0.000	0.957	0.097	
16-Feb-24 15:00:00	22.573	0.323	0.965	0.925	0.000	13.351	1748181.152	265.070	0.074159	20.600818	0.00147088	0.41824341	0.001668	0.4663182	41.448	0.558	0.965	0.000	
16-Feb-24 16:00:00	22.132	0.302	0.863	0.830	0.000	13.392	1750891.602	254.789	0.072672	20.619026	0.00138628	0.37652215	0.001494	0.4151878	40.842	0.516	0.863	0.000	
16-Feb-24 17:00:00	21.764	0.271	0.800	0.778	0.000	13.357	1737887.085	238.093	0.071160	19.766731	0.0012322	0.3422786	0.001406	0.3905348	39.878	0.493	0.808	0.000	
16-Feb-24 18:00:00	19.719	0.368	1.088	1.058	3.430	13.918	1622104.614	213.538	0.058468	15.885518	0.00152493	0.42359281	0.001653	0.4590888	39.721	0.730	1.088	6.840	
16-Feb-24 19:00:00	20.978	0.215	0.983	0.940	0.000	13.410	1597454.724	254.884	0.060068	16.687806	0.00095521	0.2653373	0.001680	0.4835078	38.610	0.412	0.983	0.000	
16-Feb-24 20:00:00	19.990	0.411	1.244	1.217	14.622	14.258	1211185.913	141.387	0.045552	12.653245	0.00130435	0.36232072	0.001506	0.4184510	41.588	0.858	1.244	30.471	
16-Feb-24 21:00:00	19.925	0.302	1.180	1.152	0.000	13.404	1716770.020	257.719	0.064421	17.897444	0.0016203	0.45008406	0.002029	0.5636685	38.841	0.588	1.180	0.000	
16-Feb-24 22:00:00	20.181	0.237	1.238	1.192	0.000	13.344	1714957.163	257.625	0.065113	18.088058	0.00106574	0.2960387	0.002123	0.5896008	37.018	0.435	1.238	0.000	
16-Feb-24 23:00:00	19.598	0.194	1.307	1.267	0.000	13.337	1706110.107	260.713	0.062907	17.474208	0.00088768	0.24182264	0.002230	0.6195519	35.892	0.387	1.307	0.000	
17-Feb-24 00:00:00	19.878	0.319	1.183	1.152	0.782	13.436	1722345.145	262.818	0.064407	17.890814	0.00143863	0.39961967	0.002038	0.5650003	36.897	0.589	1.183	1.445	
17-Feb-24 01:00:00	19.931	0.276	1.024	0.992	0.006	13.358	1726359.250	257.915	0.064699	17.971648	0.00124156	0.34487889	0.001767	0.4908161	36.674	0.506	1.024	0.045	
17-Feb-24 02:00:00	18.759	0.269	1.153	1.114	0.149	13.369	1739724.121	259.058	0.061218	17.005036	0.00122409	0.34002247	0.002005	0.5569425	34.424	0.490	1.153	0.016	
17-Feb-24 03:00:00	20.783	0.321	1.165	1.106	0.803	13.399	1719539.026	258.385	0.067173	18.658267	0.00144483	0.40128738	0.001986	0.5516063	38.355	0.604	1.156	1.532	
17-Feb-24 04:00:00	18.044	0.279	1.176	1.164	0.424	13.406	1737225.929	253.949	0.060935	16.926300	0.00127835	0.35267480	0.002043	0.5675241	34.473	0.519	1.176	1.051	
17-Feb-24 05:00:00	18.029	0.298	1.106	1.073	0.213	13.361	1733918.250	258.956	0.060442	16.788080	0.00135411	0.37614177	0.001917	0.5328133	34.061	0.561	1.106	0.008	
17-Feb-24 06:00:00	18.258	0.261	1.124	1.108	0.151	13.334	1731872.314	268.400	0.059482	16.522768	0.001182	0.3283331	0.001947	0.5408487	33.450	0.478	1.124	0.087	
17-Feb-24 07:00:00	19.411	0.211	1.305	1.265	1.821	13.455	1689423.884	251.087	0.061696	17.138429	0.00093201	0.2588828	0.002204	0.6123488	36.151	0.393	1.305	3.408	
17-Feb-24 08:00:00	19.615	0.284	1.279	1.241	1.917	13.470	1730843.848	249.252	0.064958	18.041555	0.00130992	0.3638655	0.002251	0.6253637	36.523	0.530	1.279	3.721	
17-Feb-24 09:00:00	17.839	0.453	1.319	1.270	9.506	13.855	1425484.487	193.313	0.047877	13.298174	0.00166088	0.46041204	0.001681	0.5228364	35.125	0.892	1.319	18.702	
17-Feb-24 10:00:00	17.938	0.490	1.278	1.191	9.030	13.882	1445470.218	192.146	0.048947	13.596457	0.0018552	0.5153330	0.001781	0.4974023	35.392	0.974	1.238	17.649	
17-Feb-24 11:00:00	18.137	0.298	1.182	1.148	9.270	13.909	1444687.769	192.310	0.049294	13.692658	0.0007793	0.21647250	0.001708	0.4744186	35.232	0.458	1.182	18.199	
17-Feb-24 12:00:00	20.166	0.316	1.454	1.422	14.903	14.192	1203297.974	144.826	0.045288	12.580203	0.0009948	0.2763338	0.001750	0.4860033	41.296	0.656	1.454	30.376	
17-Feb-24 13:00:00	19.624	0.441	1.442	1.399	18.577	14.235	1192959.926	143.635	0.043826	12.172350	0.00137854	0.3829265	0.001721	0.4780012	40.582	0.906	1.442	38.539	
17-Feb-24 14:00:00	20.054	0.360	1.631	1.484	15.300	14.232	1174630.371	142.096	0.044318	12.310484	0.00110557	0.30710357	0.001700	0.4904418	41.570	0.748	1.531	31.881	
17-Feb-24 15:00:00	20.282	0.282	1.305	1.271	10.548	14.258	1222379.630	146.706	0.046645	12.950908	0.00090291	0.25055061	0.001595	0.4430580	42.282	0.582	1.309	34.659	
17-Feb-24 16:00:00	19.306	0.390	1.265	1.239	5.937	13.943	1521127.808	203.248	0.055251	15.347627	0.00158813	0.44114745	0.001926	0.5350049	38.404	0.806	1.265	11.526	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition: NOX (ppm)	SOX (ppm)	DUST (mg/m3)	OPACITY (%)	CO (ppm)	O2 (%)	FLOW @1 ATM 25C (m3/hr)	GUT12_LOAD (MW)	Emission Loading: NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2 (ppm)	HRSG11_SOx@7%O2 (ppm)	HRSG11_Dust (7%O2 (mg/m3)	HRSG11_CO@7%O2 (ppm)	Remark
17-Feb-24 17:00:00	19.476	0.311	1.434	1.386	24.047	14.386	1194804.688	150.645	0.043780	12.161138	0.00097297	0.27024082	0.001713	0.4757777	41.387	0.611	1.434	51.311	
17-Feb-24 18:00:00	19.657	0.517	1.242	1.216	15.924	14.238	1196184.448	141.478	0.044756	12.431925	0.00161729	0.44924642	0.001485	0.4125150	41.314	1.073	1.242	31.917	
17-Feb-24 19:00:00	18.005	0.443	1.484	1.431	24.497	14.228	1227957.275	140.724	0.041596	11.554373	0.00142369	0.39547081	0.001768	0.4994577	37.380	0.919	1.484	50.938	
17-Feb-24 20:00:00	18.336	0.383	1.435	1.395	13.921	14.088	1370366.801	165.363	0.047275	13.131849	0.00137223	0.38117587	0.001966	0.5462114	37.149	0.779	1.435	28.177	
17-Feb-24 21:00:00	20.726	0.272	1.077	1.054	0.152	13.406	1734494.873	268.723	0.067635	18.787526	0.00123601	0.34333627	0.001869	0.5190905	39.325	0.515	1.077	0.298	
17-Feb-24 22:00:00	20.239	0.378	0.998	0.965	5.192	13.633	1299698.242	175.727	0.049450	13.736188	0.00128472	0.35686794	0.001294	0.3594577	39.681	0.741	0.998	10.173	
17-Feb-24 23:00:00	17.236	0.488	1.196	1.167	15.028	13.981	1469798.631	193.775	0.047338	13.149512	0.00166448	0.4623542	0.001745	0.4847884	34.505	0.871	1.196	29.960	
18-Feb-24 00:00:00	21.985	0.198	1.148	1.138	0.429	13.426	1709614.520	255.643	0.076710	19.841548	0.00087671	0.24466478	0.001959	0.5441379	40.771	0.384	1.148	0.832	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition: NOX (ppm)	SOX (ppm)	DUST (mg/m3)	OPACITY (%)	CO (ppm)	O2 (%)	FLOW @1 ATM 25C (m3/hr)	GUT12_LOAD (MW)	Emission Loading: NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2 (ppm)	HRSG11_SOx@7%O2 (ppm)	HRSG11_Dust (7%O2 (mg/m3)	HRSG11_CO@7%O2 (ppm)	Remark
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22-Feb-24 12:00:00	22.172	0.291	1.152	1.110	0.000	13.333	1809021.362	268.083	0.075483	20.991802	0.0010948	0.30411197	0.002085	0.5790464	40.807	0.474	1.152	0.000	
22-Feb-24 13:00:00	22.811	0.381	1.212	1.169	0.000	13.380	1750962.505	266.050	0.075129	20.880038	0.00174425	0.48451305	0.002121	0.5891565	42.045	0.700	1.212	0.000	
22-Feb-24 14:00:00	24.141	0.402	1.087	1.044	0.000	13.354	1513996.825	268.151	0.082388	22.886854	0.00190735	0.52981874	0.001971	0.5474856	44.334	0.736	1.087	0.000	
22-Feb-24 15:00:00	23.542	0.294	0.997	0.953	0.000	13.369	1762683.350	250.267	0.077968	21.654978	0.00134823	0.37450779	0.001747	0.4853852	43.620	0.541	0.997	0.000	
22-Feb-24 16:00:00	24.666	0.226	1.022	0.979	0.000	13.374	1570399.414	258.772	0.077513	21.531753	0.00099905	0.27473505	0.001700	0.4740058	45.413	0.419	1.022	0.000	
22-Feb-24 17:00:00	22.949	0.229	0.981	0.917	0.000	13.428	1567648.632	252.531	0.072004	20.000985	0.00100123	0.27811854	0.001587	0.4407367	42.585	0.425	0.981	0.000	
22-Feb-24 18:00:00	21.705	0.277	1.085	1.030	0.000	13.420	1726383.759	252.472	0.070507	19.585290	0.00125074	0.34742809	0.001872	0.5200757	40.323	0.512	1.085	0.000	
22-Feb-24 19:00:00	21.062	0.221	1.143	1.115	0.079	13.430	1759516.357	256.472	0.069722	19.367170	0.00101831	0.28230705	0.002012	0.5588907	39.070	0.410	1.143	0.153	
22-Feb-24 20:00:00	22.427	0.275	1.343	1.291	0.000	13.469	1698707.193	254.585	0.071676	19.910119	0.00122163	0.33934187	0.002281	0.6337280	41.786	0.511	1.343	0.000	
22-Feb-24 21:00:00	21.805	0.233	1.136	1.106	0.000	13.364	1711868.887	256.260	0.069592	19.331066	0.00104349	0.28985958	0.001943	0.5396949	39.725	0.425	1.136	0.000	
22-Feb-24 22:00:00	21.888	0.271	1.151	1.111	0.000	13.407	1734818.726	258.306	0.070714	19.642701	0.00123197	0.34221347	0.001997	0.5546857	40.388	0.507	1.151	0.000	
22-Feb-24 23:00:00	21.391	0.192	1.152	1.120	0.000	13.364	1750102.295	258.806	0.072409	20.113575	0.00087851	0.24403072	0.002017	0.5602881	40.454	0.350	1.152	0.000	
23-Feb-24 00:00:00	20.369	0.308	1.181	1.145	0.000	13.362	1737769.043	258.012	0.066574	18.492588	0.00139414	0.38726112	0.002052	0.5698881	37.399	0.563	1.181	0.000	
23-Feb-24 01:00:00	20.470	0.059	1.118	1.079	0.000	13.353	1760857.471	263.376	0.067800	18.834964	0.00027266	0.07573888	0.001964	0.5456794	37.587	0.109	1.118	0.000	
23-Feb-24 02:00:00	19.325	0.319	1.201	1.169	0.000	13.300	1750910.034	256.342	0.063660	17.683231	0.00146136	0.4059341	0.002103	0.5840528	35.242	0.622	1.201	0.000	
23-Feb-24 03:00:00	18.744	0.000	1.244	1.207	0.000	13.335	1739256.836	258.822	0.060963	16.939708	1.8320E-08	0.00050911	0.002161	0.5875113	34.337	0.000	1.244	0.000	
23-Feb-24 04:00:00	17.510	0.194	1.208	1.182	0.000	13.299	1701705.444	257.919	0.056066	15.572214	0.00086565	0.24049564	0.002056	0.5710736	31.929	0.354	1.208	0.000	
23-Feb-24 05:00:00	18.403	0.059	1.276	1.240	0.000	13.265	1733584.105	258.606	0.060021	16.672633	0.00026726	0.07423883	0.002210	0.6140242	33.395	0.107	1.276	0.000	
23-Feb-24 06:00:00	18.204	0.129	1.280	1.266	0.000	13.292	1762076.060	258.948	0.060367	16.768504	0.00059303	0.16473123	0.002258	0.6260002	33.168	0.234	1.280	0.000	
23-Feb-24 07:00:00	17.862	0.105	1.217	1.213	0.000	13.304	1816387.207	268.934	0.061008	16.946666	0.00049702	0.1380604	0.002209	0.6135264	32.591	0.191	1.217	0.000	
23-Feb-24 08:00:00	18.497	0.244	1.204	1.174	0.000	13.296	1758708.984	268.182	0.061190	16.972264	0.00112074	0.31131697	0.002115	0.5873643	33.537	0.442	1.204	0.000	
23-Feb-24 09:00:00	19.954	0.055	1.179	1.187	0.000	13.368	1710789.917	256.433	0.064225	17.840427	0.00024749	0.06874799	0.002018	0.5604222	36.814	0.100	1.179	0.000	
23-Feb-24 10:00:00	20.788	0.137	1.281	1.232	0.000	13.347	1724063.345	260.249	0.067365	18.712485	0.00061871	0.17186277	0.002173	0.6037122	38.100	0.251	1.281	0.000	
23-Feb-24 11:00:00	20.845	0.196	1.118	1.076	0.000	13.375	1773046.094	259.428	0.069536	19.315584	0.00091005	0.25279066	0.001983	0.5507830	38.392	0.361	1.118	0.000	
23-Feb-24 12:00:00	19.369	0.171	1.152	1.109	4.294	14.034	1374161.743	177.326	0.050072	13.908012	0.00061628	0.17118815	0.001583	0.4397118	39.101	0.320	1.152	8.983	
23-Feb-24 13:00:00	20.905	0.227	1.175	1.134	9.375	14.293	1140121.704	145.870	0.044842	12.456104	0.00067681	0.18800241	0.001341	0.3724602	43.980	0.475	1.175	19.605	
23-Feb-24 14:00:00	20.978	0.262	1.118	1.079	9.695	14.254	1166418.604	143.290	0.046032	12.786636	0.00080021	0.22228072	0.001304	0.3621937	43.703	0.545	1.118	20.682	
23-Feb-24 15:00:00	26.337	0.140	1.135	1.105	0.035	13.544	1684706.862	336.484	0.083477	23.188058	0.00061826	0.1717375	0.001911	0.5308081	49.604	0.264	1.135	0.067	
23-Feb-24 16:00:00	19.914	0.332	1.236	1.198	5.522	14.082	1425934.570	181.934	0.051009	14.169269	0.0012415	0.34486139	0.001762	0.4894110	38.463	0.673	1.236	11.381	
23-Feb-24 17:00:00	19.116	0.299	1.185	1.138	6.609	14.041	1285848.145	164.630	0.045244	12.545559	0.00083975	0.23326256	0.001498	0.4161964	38.593	0.603	1.185	13.366	
23-Feb-24 18:00:00	21.794	0.042	1.248	1.209	0.000	13.379	1715875.244	298.692	0.070357	19.543566	0.0001896	0.05272088	0.002142	0.5948412	40.158	0.078	1.248	0.000	
23-Feb-24 19:00:00	21.347	0.301	1.286	1.239	2.302	13.435	1881897.949	331.425	0.067232	18.675455	0.00134682	0.37411529	0.002164	0.6009731	39.448	0.561	1.286	3.023	
23-Feb-24 20:00:00	21.393	0.335	1.315	1.270	6.634	14.110	1171083.843	141.582	0.047133	13.092618	0.00102723	0.28534095	0.001540	0.4277983	40.605	0.683	1.315	13.633	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/2/2024 00:00-29/2/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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27-Feb-24 12:00:00	21.317	0.420	1.123	1.092	0.000	13.246	1739611.523	264.626	0.069775	19.381853	0.00191085	0.53079211	0.001953	0.5425748	38.803	0.752	1.123	0.502	
27-Feb-24 13:00:00	22.678	0.370	1.116	1.076	0.000	13.390	1827092.163	268.100	0.077955	21.654134	0.00176916	0.49143429	0.002039	0.5664687	41.842	0.681	1.116	0.000	
27-Feb-24 14:00:00	21.682	0.466	0.909	0.812	7.500	14.781	1210931.398	145.184	0.049396	13.721149	0.00153979	0.42771961	0.001047	0.2908673	45.363	1.042	0.909	16.084	
27-Feb-24 15:00:00	22.881	0.473	0.803	0.784	4.087	14.186	1164377.148	141.586	0.050938	14.149579	0.0014665	0.40738308	0.000951	0.2642620	47.157	0.979	0.803	8.570	
27-Feb-24 16:00:00	22.608	0.497	0.836	0.785	6.690	14.259	1163042.603	140.247	0.049479	13.741779	0.00151364	0.42042707	0.000973	0.2701069	47.130	1.039	0.836	11.701	

Site Name: GULF GUT
Stack Name: HRSG STACK12
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-24 17:00:00	23.016	0.539	0.916	0.889	0.111	13.670	1541690.186	219.950	0.071088	19.746753	0.0014553	0.4042497	0.001504	0.4176714	44.101	0.656	0.916	0.380	
27-Feb-24 18:00:00	22.547	0.281	0.913	0.886	0.019	13.458	1675047.896	250.884	0.070984	19.717721	0.00123852	0.34181008	0.001528	0.4243158	42.038	0.524	0.913	0.006	
27-Feb-24 19:00:00	23.360	0.313	1.148	1.111	0.382	13.413	1530294.186	258.168	0.075999	21.110908	0.00141728	0.39368779	0.001985	0.5513714	43.238	0.579	1.148	0.388	
27-Feb-24 20:00:00	23.818	0.414	1.117	1.091	0.065	13.605	1701608.396	247.383	0.076245	21.179050	0.00184102	0.51164376	0.001909	0.5278368	44.826	0.775	1.117	0.014	
27-Feb-24 21:00:00	21.170	0.486	1.288	1.219	0.000	13.387	1748953.957	257.794	0.069580	19.327821	0.00222459	0.6179415	0.002244	0.6234587	39.069	0.856	1.288	0.000	
27-Feb-24 22:00:00	20.384	0.384	1.244	1.211	1.807	13.787	1437163.574	193.077	0.054679	15.188515	0.00143434	0.39842742	0.001776	0.4932184	39.665	0.749	1.244	3.716	
27-Feb-24 23:00:00	20.490	0.417	1.242	1.203	0.000	13.358	1675834.424	254.538	0.064591	17.942026	0.00183088	0.50857276	0.002080	0.5778812	37.698	0.769	1.242	0.000	
28-Feb-24 00:00:00	19.705	0.288	1.096	1.074	0.000	13.356	1709508.548	256.871	0.063376	17.604429	0.00133272	0.37020913	0.001874	0.5206274	35.177	0.547	1.096	0.000	
28-Feb-24 01:00:00	19.300	0.362	1.085	1.050	0.000	13.534	1727584.351	257.405	0.062729	17.424616	0.00163579	0.45438275	0.001874	0.5265926	35.381	0.663	1.085	0.000	
28-Feb-24 02:00:00	18.959	0.369	1.126	1.118	0.000	13.346	1561330.923	257.395	0.058621	16.283522	0.00159383	0.44275832	0.001886	0.5183358	34.627	0.678	1.126	0.000	
28-Feb-24 03:00:00	21.801	0.455	1.065	0.980	5.154	14.020	1252036.865	163.584	0.050883	14.134110	0.00152302	0.42306074	0.001258	0.3495328	43.482	0.908	1.365	10.194	
28-Feb-24 04:00:00	19.795	0.564	1.117	1.077	16.823	14.115	1119976.895	142.475	0.041710	11.586030	0.00162542	0.45150483	0.001251	0.3474608	40.405	1.137	1.117	22.030	
28-Feb-24 05:00:00	18.558	0.350	1.098	1.011	16.352	14.079	1254304.297	183.122	0.044457	12.349272	0.00114818	0.318938	0.001324	0.3678726	38.231	0.720	1.098	32.480	
28-Feb-24 06:00:00	20.411	0.052	1.221	1.175	0.270	13.426	1560953.857	258.897	0.065840	18.289044	0.00023059	0.06405163	0.002068	0.5744802	37.892	0.099	1.221	0.081	
28-Feb-24 07:00:00	20.252	0.091	1.175	1.144	0.827	13.506	1618104.126	235.677	0.061654	17.126018	0.00038526	0.10702385	0.001901	0.5280638	37.958	0.171	1.175	0.990	
28-Feb-24 08:00:00	21.178	0.121	0.984	0.924	3.329	13.791	1328431.396	184.704	0.055640	15.455524	0.00044128	0.12257878	0.001347	0.3740915	41.304	0.235	0.984	6.413	
28-Feb-24 09:00:00	19.726	0.195	1.157	1.105	0.000	13.368	1742122.559	257.490	0.064651	17.958692	0.0009017	0.2504718	0.002015	0.5597588	36.222	0.363	1.157	0.000	
28-Feb-24 10:00:00	21.178	0.162	1.209	1.178	0.000	13.334	1673183.594	258.440	0.066670	18.519338	0.00071158	0.19766343	0.002024	0.5621144	38.790	0.295	1.209	0.000	
28-Feb-24 11:00:00	20.776	0.199	1.222	1.196	0.000	13.364	1791893.676	264.701	0.070040	19.456623	0.00093383	0.25938842	0.002191	0.6088203	38.236	0.371	1.222	0.000	
28-Feb-24 12:00:00	21.908	0.187	1.153	1.105	0.000	13.376	1737736.107	262.137	0.071299	19.805100	0.0008455	0.23580616	0.002004	0.5566430	40.163	0.346	1.153	0.000	
28-Feb-24 13:00:00	22.244	0.293	1.082	1.041	0.000	13.323	1760447.144	266.030	0.073674	20.464850	0.00134931	0.37480981	0.001905	0.5291230	40.684	0.536	1.082	0.000	
28-Feb-24 14:00:00	23.211	0.262	1.038	1.003	0.000	13.378	1773307.017	267.560	0.077440	21.511119	0.001217	0.33805463	0.001841	0.5113038	42.781	0.483	1.038	0.000	
28-Feb-24 15:00:00	19.024	0.333	1.000	0.950	4.412	14.117	1368359.375	164.651	0.048975	13.604292	0.00119329	0.33147933	0.001368	0.3801626	38.842	0.680	1.000	9.034	
28-Feb-24 16:00:00	23.203	0.272	0.869	0.874	0.067	13.790	1628656.273	199.237	0.066571	18.491063	0.00108497	0.30137832	0.001324	0.3677868	45.247	0.530	0.869	0.108	
28-Feb-24 17:00:00	20.684	0.206	0.847	0.802	5.013	14.114	1249938.157	157.790	0.048642	13.511549	0.00067381	0.1871701	0.001058	0.2938484	42.208	0.414	0.847	10.528	
28-Feb-24 18:00:00	20.544	0.228	1.093	1.049	4.678	14.031	1266308.641	165.179	0.049183	13.661872	0.00074905	0.20806838	0.001384	0.3840604	41.635	0.458	1.093	9.115	
28-Feb-24 19:00:00	18.301	0.212	1.273	1.222	3.635	13.912	1577306.152	217.194	0.057278	15.910459	0.00087528	0.24313458	0.002008	0.5576802	36.245	0.419	1.273	7.269	
28-Feb-24 20:00:00	20.767	0.338	1.108	0.958	5.687	14.014	1222418.891	156.410	0.047761	13.266091	0.00107467	0.29857484	0.001230	0.3415302	41.773	0.678	1.108	10.613	
28-Feb-24 21:00:00	20.960	0.099	1.102	1.067	1.837	13.789	1547334.658	214.480	0.050661	16.572378	0.00040024	0.11117909	0.001700	0.4721230	40.090	0.193	1.102	3.584	
28-Feb-24 22:00:00	18.747	0.298	0.845	0.804	10.291	14.042	1307221.050	181.143	0.046187	12.837480	0.00101962	0.28320648	0.001155	0.3208824	37.658	0.602	0.845	20.683	
28-Feb-24 23:00:00	19.958	0.360	1.093	1.062	2.292	13.726	1583210.983	218.626	0.059552	16.542155	0.00149327	0.4147872	0.001732	0.4811842	38.581	0.695	1.093	4.649	
29-Feb-24 00:00:00	20.910	0.209	1.025	0.987	1.709	13.741	1545256.603	205.303	0.060790	16.886083	0.00083001	0.23055878	0.001535	0.4401082	40.450	0.404	1.025	3.304	
29-Feb-24 01:00:00	21.806	0.108	0.983	0.931	0.088	13.302	1701420.410	254.622	0.066787	18.388184	0.00047077	0.1307708	0.001639	0.4553489	39.779	0.193	0.983	0.041	
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Minimum	17.24	0.00	0.80	0.76	0.05	13.25	1,114,978.58	140.25	0.04	11.58	0.00	0.60	0.00	0.26	31.93	0.06	0.80	0.00	
Maximum	28.34	0.55	1.53	1.48	24.68	14.30	1,827,092.16	288.95	0.08	23.19	0.00	0.62	0.00	0.63	49.61	1.13	1.54	31.31	
Avg	20.82	0.26	1.14	1.11	3.40	13.83	1,574,816.74	324.48	0.06	17.01	0.00	0.41	0.00	0.50	38.36	0.54	1.14	8.52	
sum									5.48		0.12		0.19						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF GUT
Stack Name: HRSG STACK21
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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08-Feb-24 14:00:00	26.550	0.148	0.225	0.380	0.000	13.584	1544694.336	370.638	0.083111	23.086514	0.00063801	0.17739109	0.000371	0.1030402	50.866	0.280	0.226	0.000	
08-Feb-24 15:00:00	25.183	0.191	0.175	0.356	0.000	13.561	1503683.545	355.937	0.075991	21.108621	0.0008035	0.22319551	0.000286	0.0794306	47.454	0.358	0.178	0.000	
08-Feb-24 16:00:00	24.459	0.121	0.232	0.334	0.000	13.531	1565051.880	355.788	0.072020	20.005517	0.00049494	0.13748217	0.000363	0.1008754	48.710	0.227	0.232	0.000	
08-Feb-24 17:00:00	23.810	0.013	0.436	0.576	0.000	13.608	1516229.980	359.929	0.067922	18.867186	5.2498E-05	0.01457438	0.000661	0.1836529	45.236	0.033	0.436	0.000	
08-Feb-24 18:00:00	23.193	0.000	0.362	0.513	0.000	13.694	1489511.719	350.913	0.064964	18.053838	0	0	0.000539	0.1496445	44.588	0.000	0.362	0.000	
08-Feb-24 19:00:00	23.673	0.036	0.372	0.444	0.013	13.701	1537906.413	343.711	0.068400	19.027536	0.00014568	0.04051361	0.000418	0.1161065	45.762	0.071	0.372	0.000	
08-Feb-24 20:00:00	22.633	0.000	0.100	0.259	6.522	14.654	700068.970	121.876	0.029810	8.280525	0	0	0.000070	0.0194328	50.090	0.000	0.100	14.785	
08-Feb-24 21:00:00	26.039	0.105	0.201	0.343	0.310	13.606	1530807.124	370.372	0.079882	22.192316	0.00044753	0.12431525	0.000325	0.0911290	49.461	0.191	0.201	4.513	
08-Feb-24 22:00:00	25.530	0.153	0.178	0.325	0.000	13.567	1611987.671	385.242	0.077426	21.507197	0.00064155	0.17820883	0.000284	0.0790014	48.295	0.286	0.178	0.000	
08-Feb-24 23:00:00	18.609	0.002	0.115	0.298	0.000	13.582	1282652.466	288.164	0.044905	12.474361	7.0604E-06	0.00196122	0.000147	0.0408786	41.124	7.825	0.115	0.000	
09-Feb-24 00:00:00	24.253	0.081	0.383	0.524	0.000	13.604	1490925.903	357.727	0.068029	18.896908	0.00031442	0.08733777	0.000572	0.1587504	48.047	0.153	0.383	0.000	
09-Feb-24 01:00:00	23.557	0.066	0.331	0.479	0.000	13.690	1510480.693	380.855	0.067312	18.697640	0.00026058	0.07238264	0.000499	0.1386967	45.580	0.966	0.331	0.000	
09-Feb-24 02:00:00	24.143	0.008	0.318	0.476	0.000	13.602	1408061.646	380.671	0.068500	19.027678	3.1932E-05	0.00886989	0.000480	0.1333512	46.215	0.230	0.316	0.000	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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16-Feb-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Feb-24 20:00:00	26.810	0.002	0.419	0.562	0.000	13.509	1577174.194	268.827	0.078958	21.832583	6.6762E-08	0.00185451	0.000661	0.1835396	40.903	0.005	0.418	0.000	
16-Feb-24 21:00:00	26.319	0.015	0.472	0.621	5.682	13.544	1488957.231	258.258	0.074223	20.817539	6.8803E-05	0.01833417	0.000787	0.1964517	40.333	0.037	0.472	11.927	
16-Feb-24 22:00:00	20.162	0.000	0.446	0.601	0.150	13.845	1204528.974	189.774	0.045668	12.685064	0	0	0.000538	0.1493962	39.501	0.002	0.445	0.037	
16-Feb-24 23:00:00	24.755	0.000	0.640	0.698	10.223	13.572	1497558.716	259.111	0.068513	19.309132	0	0	0.000811	0.2253050	45.805	0.000	0.648	20.198	
17-Feb-24 00:00:00	20.662	0.000	0.329	0.477	2.352	13.729	1444588.843	237.931	0.056161	15.600279	0	0	0.000475	0.1319440	39.912	0.000	0.329	7.350	
17-Feb-24 01:00:00	23.608	0.054	0.302	0.449	2.003	13.849	1479730.561	258.518	0.065724	18.256707	0.00024781	0.06883529	0.000446	0.1239397	45.059	0.125	0.302	4.147	
17-Feb-24 02:00:00	20.760	0.000	0.414	0.564	0.000	13.693	1530516.729	257.130	0.059838	16.621046	0	0	0.000633	0.1758880	39.938	0.157	0.414	9.093	
17-Feb-24 03:00:00	18.792	0.000	0.612	0.774	7.792	14.191	1163342.041	189.233	0.041838	11.621666	1.2196E-09	3.3888E-07	0.000724	0.2012118	38.013	0.000	0.612	15.937	
17-Feb-24 04:00:00	19.767	0.073	0.291	0.478	3.270	14.040	1061425.415	171.074	0.039082	10.856148	0.00020096	0.05582326	0.000306	0.0848820	39.638	0.104	0.291	7.001	
17-Feb-24 05:00:00	23.298	0.000	0.364	0.515	1.502	13.696	1538547.827	264.565	0.067349	18.708060	0	0	0.000560	0.1554451	44.791	0.000	0.364	4.393	
17-Feb-24 06:00:00	23.318	0.000	0.428	0.566	0.017	13.821	1431508.057	243.341	0.062800	17.444568	0	0	0.000609	0.1691097	45.671	0.000	0.428	0.063	
17-Feb-24 07:00:00	21.409	0.007	0.639	0.691	6.634	14.408	867579.224	139.945	0.034944	9.706727	2.2416E-07	6.2264E-05	0.000466	0.1299033	45.588	0.068	0.639	13.611	
17-Feb-24 08:00:00	21.863	0.063	0.423	0.574	2.077	13.994	1102102.539	195.555	0.047800	13.277881	0.0001613	0.04480052	0.000492	0.1366990	43.664	0.107	0.423	4.178	
17-Feb-24 09:00:00	20.752	0.040	0.355	0.507	2.110	13.299	1101589.844	191.447	0.045353	12.597938	0.00012174	0.03381558	0.000412	0.1144318	41.647	0.079	0.356	5.857	
17-Feb-24 10:00:00	20.170	0.146	0.324	0.472	3.409	13.993	1153281.008	191.837	0.043765	12.156966	0.00044225	0.12284796	0.000373	0.1036582	40.446	0.301	0.324	7.011	
17-Feb-24 11:00:00	20.375	0.099	0.322	0.474	2.503	14.009	1149167.622	191.690	0.044052	12.236702	0.00029832	0.08286619	0.000370	0.1027891	40.639	0.204	0.322	4.997	
17-Feb-24 12:00:00	22.061	0.083	0.357	0.507	4.943	14.340	886603.696	142.671	0.035553	9.875916	0.00018696	0.0519347	0.000306	0.0848905	46.636	0.177	0.387	10.298	
17-Feb-24 13:00:00	22.179	0.012	0.386	0.536	3.874	14.192	870852.539	142.669	0.036339	10.094090	2.6412E-05	0.00733653	0.000337	0.0934804	45.766	0.080	0.389	7.925	
17-Feb-24 14:00:00	23.371	0.060	0.441	0.601	4.401	14.312	884114.380	141.702	0.038775	10.770713	0.00013690	0.03800697	0.000390	0.1082103	48.095	0.122	0.441	9.027	
17-Feb-24 15:00:00	23.508	0.047	0.381	0.553	2.509	14.370	843857.532	140.218	0.037356	10.377230	0.00010406	0.02890602	0.000330	0.0915372	48.890	0.101	0.381	5.837	
17-Feb-24 16:00:00	18.765	0.001	0.283	0.450	3.090	13.945	1147070.657	187.723	0.040474	11.242916	3.8116E-06	0.00105885	0.000338	0.0933628	37.562	0.003	0.293	5.161	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Feb-24 17:00:00	22.938	0.028	0.388	0.545	3.951	14.298	793099.963	140.101	0.034115	9.476924	5.8716E-05	0.01630861	0.000306	0.0854763	47.819	0.058	0.388	8.423	
17-Feb-24 18:00:00	24.088	0.000	0.263	0.417	1.970	14.292	868817.383	142.580	0.039374	10.937345	0	0	0.000229	0.0634912	50.250	0.000	0.263	4.109	
17-Feb-24 19:00:00	22.219	0.151	0.227	0.381	6.130	14.938	896308.695	145.979	0.037466	10.407966	0.00035338	0.09818192	0.000203	0.0564978	46.653	0.318	0.237	10.960	
17-Feb-24 20:00:00	21.828	0.219	0.294	0.448	6.721	14.398	870235.507	140.649	0.035898	9.971786	0.00049951	0.13875222	0.000256	0.0710263	46.382	0.473	0.294	13.988	
17-Feb-24 21:00:00	17.740	0.000	0.278	0.417	6.306	14.160	1071230.469	170.065	0.035754	9.931542	0	0	0.000296	0.0826458	36.450	0.000	0.278	12.905	
17-Feb-24 22:00:00	22.243	0.054	0.285	0.423	5.872	14.416	889139.028	140.360	0.037296	10.335714	0.00012827	0.03567405	0.000253	0.0702821	47.487	0.117	0.285	12.312	
17-Feb-24 23:00:00	19.602	0.172	0.434	0.562	6.736	14.749	1030049.653	169.961	0.038374	10.659493	0.00046242	0.12844886	0.000448	0.1243152	40.613	0.352	0.434	13.849	
18-Feb-24 00:00:00	20.191	0.034	0.272	0.419	2.339	14.060	1382617.432	225.477	0.051762	14.378380	0.00012187	0.0338527	0.000371	0.1030192	41.020	0.068	0.272	4.458	
18-Feb-24 01:00:00	20.212	0.044	0.319	0.469	5.194	14.051	1084752.197	179.329	0.041250	11.458434	0.00012571	0.03491804	0.000346	0.0962107	40.871	0.089	0.316	10.508	
18-Feb-24 02:00:00	20.220	0.135	0.132	0.281	2.501	13.731	1647699.164	257.156	0.058872	16.353435	0.00054502	0.15139462	0.000204	0.0566530	39.085	0.257	0.133	5.031	
18-Feb-24 03:00:00	23.879	0.120	0.112	0.254	0.318	13.615	1585528.679	264.365	0.070833	19.620290	0.0004974	0.13816731	0.000177	0.0492099	45.003	0.229	0.112	4.175	
18-Feb-24 04:00:00	20.477	0.074	0.239	0.385	2.089	14.047	1315287.573	210.918	0.050876	14.078530	0.00025837	0.07121415	0.000314	0.0872425	41.390	0.158	0.239	4.084	
18-Feb-24 05:00:00	21.299	0.216	0.378	0.744	7.377	14.269	881259.460	138.334	0.035313	9.809129	0.00049907	0.13862947	0.000510	0.1415524	44.540	0.452	0.678	16.321	
18-Feb-24 06:00:00	20.458	0.137	0.482	0.528	5.431	14.048	1004852.712	168.160	0.038678	10.743441	0.00036128	0.10035564	0.000484	0.1344143	41.343	0.277	0.482	11.058	
18-Feb-24 07:00:00	22.813	0.082	0.240	0.322	1.159	13.973	1215928.569	197.011	0.052167	14.490966	0.00016581	0.04605918	0.000292	0.0811906	45.611	0.167	0.240	2.282	
18-Feb-24 08:00:00	22.108	0.185	0.607	0.757	2.641	13.918	938057.800	156.984	0.039018	10.838277	0.00045379	0.12605351	0.000569	0.1580371	43.854	0.368	0.607	5.094	
18-Feb-24 09:00:00	24.232	0.112	0.168	0.316	0.000	13.810	1862731.446	254.084	0.071245	19.790334	0.00045775	0.12715830	0.000262	0.0727297	45.082	0.208	0.168	1.403	
18-Feb-24 10:00:00	19.619	0.004	0.180	0.348	3.479	14.238	974748.156	164.078	0.036348	10.096078	1.0724E-05	0.00297893	0.000181	0.0502333	41.208	0.000	0.186	7.438	
18-Feb-24 11:00:00	21.680	0.224	0.350	0.475	0.825	13.969	1319467.031	210.942	0.053770	14.936079	0.00077217	0.2144905	0.000466	0.1294923	43.277	0.435	0.353	1.648	
18-Feb-24 12:00:00	22.221	0.377	0.319	0.469	5.348	14.406	879001.038	144.573	0.036748	10.207798	0.00086807	0.24113047	0.000279	0.0776354	47.349	0.805	0.316	11.400	
18-Feb-24 13:00:00	21.049	0.330	0.349	0.503	11.846	14.461	901732.596	145.557	0.035710	9.919436	0.0007787	0.21630483	0.000314	0.0873383	45.269	0.720	0.349	24.873	
18-Feb-24 14:00:00	18.904	0.001	0.298	0.445	3.057	14.477	952411.072	145.877	0.033874	9.409407	1.354E-08	0.00037611	0.000284	0.0787503	40.745	0.000	0.298	12.775	
18-Feb-24 15:00:00	22.469	0.122	0.287	0.444	4.473	14.388	966876.122	162.178	0.041718	11.588357	0.00031405	0.0872359	0.000283	0.0787077	47.992	0.262	0.287	9.457	
18-Feb-24 16:00:00	22.290	0.234	0.417	0.585	5.843	14.401	918852.985	149.272	0.038533	10.703724	0.00058178	0.15885062	0.000383	0.1064723	47.441	0.479	0.417	12.508	
18-Feb-24 17:00:00	22.663	0.212	0.290	0.434	5.269	14.446	926001.387	148.500	0.039291	10.914142	0.00051294	0.14248365	0.000269	0.0747164	48.543	0.455	0.290	11.931	
18-Feb-24 18:00:00	19.688	0.000	0.189	0.341	3.742	14.385	887431.885	144.574	0.032871	9.130933	0	0	0.000168	0.0466862	41.685	0.000	0.189	8.024	
18-Feb-24 19:00:00	20.478	0.291	0.734	0.882	6.394	14.161	1029134.155	160.727	0.039645	11.012480	0.0007837	0.21769557	0.000755	0.2098429	42.188	0.601	0.734	13.130	
18-Feb-24 20:00:00	23.740	0.166	0.236	0.390	0.000	13.696	1494343.909	254.093	0.066742	18.539576	0.00064873	0.18048192	0.000352	0.0978160	45.571	0.319	0.236	0.000	
18-Feb-24 21:00:00	24.091	0.140	0.288	0.444	0.000	13.616	1617072.632	262.138	0.071335	19.815337	0.0005567	0.15463949	0.000437	0.1214582	47.985	0.268	0.288	5.331	
18-Feb-24 22:00:00	20.917	0.091	0.264	0.432	0.518	13.728	1567619.653	259.058	0.061294	17.026000	0.00037077	0.10299031	0.000411	0.1140480	40.395	0.192	0.264	24.181	
18-Feb-24 23:00:00	18.406	0.104	0.418	0.570	9.337	14.158	972791.969	156.780	0.035517	9.865803	0.00026574	0.07381803	0.000407	0.1129413	39.840	0.221	0.418	19.162	
19-Feb-24 00:00:00	24.155	0.135	0.231	0.383	1.287	14.043	1069772.095	158.914	0.050042	13.900870	0.00038728	0.10757827	0.000254	0.0706941	48.799	0.273	0.231	2.449	
19-Feb-24 01:00:00	24.599	0.072	0.208	0.372	0.669	14.156	1019048.523	176.032	0.047162	13.100476	0.00019307	0.0536306	0.000210	0.0582785	50.747	0.148	0.208	1.836	
19-Feb-24 02:00:00	15.452	0.008	0.393	0.536	8.279	14.424	872138.733	144.019	0.030244	8.401092	1.7831E-05	0.00495318	0.000343	0.0951859	39.401	0.002	0.393	17.900	
19-Feb-24 03:00:00	22.062	0.173	0.405	0.558	6.079	14.380	815065.491	144.847	0.033818	9.393466	0.0003781	0.10280885	0.000330	0.0917684	46.688	0.367	0.405	13.005	
19-Feb-24 04:00:00	21.589	0.000	0.311	0.461	6.012	14.307	905130.220	146.484	0.036763	10.211976	0	0	0.000281	0.0780738	45.311	0.024	0.311	12.548	
19-Feb-24 05:00:00	18.321	0.041	0.583	0.731	1.140	13.991	1322551.811	213.849	0.045590	12.663846	0.00014177	0.03938145	0.000771	0.2141118	36.695	0.082	0.583	2.477	
19-Feb-24 06:00:00	23.181	0.082	0.637	0.692	0.000	13.687	1491492.432	252.157	0.065048	18.068967	0.00024368	0.06768208	0.000800	0.2223079	44.386	0.130	0.537	0.000	
19-Feb-24 07:00:00	23.981	0.008	0.445	0.600	0.000	13.600	1519792.441	253.370	0.068568	19.046725	3.1642E-05	0.00878964	0.000676	0.1877919	45.612	0.000	0.445	8.582	
19-Feb-24 08:00:00	21.847	0.029	0.306	0.417	6.018	14.333	890391.798	152.440	0.036263	10.073049	5.8420E-05	0.01622937	0.000273	0.0757587	45.633	0.041	0.306	12.193	
19-Feb-24 09:00:00	24.571	0.134	0.555	0.514	0.000	13.501	1513120.972	251.647	0.069949	19.430185	0.00053162	0.14767278	0.000553	0.1536183	48.621	0.262	0.365	0.000	
19-Feb-24 10:00:00	26.411	0.122	0.298	0.448	0.000	13.501	1554757.109	259.611	0.074332	20.647921	0.00046718	0.13810686	0.000461	0.1270670	48.053	0.231	0.298	0.000	
19-Feb-24 11:00:00	25.391	0.045	0.383	0.508	0.002	13.915	1509913.308	259.917	0.072129	20.035843	0.00018078	0.0502173	0.000548	0.1521588	47.661	0.100	0.383	5.387	
19-Feb-24 12:00:00	18.376	0.000	0.840	0.780	8.002	14.312	1148873.540	175.464	0.039521	10.977935	0	0	0.000734	0.2038233	37.916	0.000	0.840	16.584	
19-Feb-24 13:00:00	20.588	0.000	0.344	0.503	3.153	14.398	906963.684	157.324	0.037454	10.403883	0	0	0.000333	0.0924039	42.771	0.000	0.344	8.680	
19-Feb-24 14:00:00	22.387	0.012	0.236	0.369	2.823	14.320	920287.109	144.036	0.038726	10.757241	2.9885E-05	0.00824578	0.000217	0.0602530	47.081	0.032	0.236	5.765	
19-Feb-24 15:00:00	24.185	0.000	0.406	0.660	0.004	13.072	1374392.700	233.319	0.062538	17.371155	0	0	0.000561	0.1558646	48.383	0.000	0.408	0.000	
19-Feb-24 16:00:00	27.229	0.000	0.509	0.669	0.000	13.979	1514989.624	257.492	0.077618	21.558227	0	0	0.000771	0.2142983	51.242	0.000	0.509	0.000	
19-Feb-24 17:00:00	21.399	0.003	0.356	0.491	1.954	14.151	1326424.683	202.675	0.049367	13.713016	1.0076E-05	0.0027988	0.000438	0.1216981	43.919	0.007	0.356	3.647	
19-Feb-24 18:00:00	21.587	0.000	0.336	0.471	4.834	14.398	840628.442	142.418	0.034471	9.575318	0	0	0.000285	0.0793020	45.320	0.000	0.335	10.152	
19-Feb-24 19:00:00	21.155	0.000	0.664	0.820	7.522	14.224	902698.045	138.092	0.035078	9.994005	0	0	0.000600	0.1665880	44.004	0.000	0.664	15.710	
19-Feb-24 20:00:00	24.381	0.002	0.265	0.409	0.000	13.645	1523682.109	257.031	0.069881	19.414232	9.7441E-06	0.00270669	0.000403	0.1120343	46.567	0.005	0.265	0.413	
19-Feb-24 21:00:00	23.566	0.048	0.261	0.404	0.096	13.658	1609796.753	252.797	0.066940	18.594374	0.00019019	0.05282962	0.000379	0.1053402	45.073	0.062	0.251	0.016	
19-Feb-24 22:00:00	20.911	0.168	0.416	0.558	8.964	14.385	908283.625	141.935	0.035077	9.743659	0.0003987	0.1107484	0.000380	0.1054825	43.454	0.366	0.416	18.620	
19-Feb-24 23:00:00	21.951	0.101	0.285	0.434	7.246	14.407	887756.479	152.469	0.035965	9.990094	0.0002352	0.06533409	0.000253	0.0702595	45.940	0.206	0.285	15.636	
20-Feb-24 00:00:00	22.900	0.004	0.285	0.447	3.070	13.626	1638938.035	282.350	0.066302	18.417206	1.0979E-05	0.00471678	0.000439	0.1219146	43.811	0.010	0.285	1.370	
20-Feb-24 01:00:00	23.508	0.000	0.406	0.565	0.003	13.333	1603868.774	263.657	0.066506	18.474510	6.8179E-06	0.00153832	0.000611	0.1696299	44.220	0.003	0.406	15.953	
20-Feb-24 02:00:00	20.559	0.050	0.636	0.684	0.000	13.718	1501114.624	249.190	0.058083	16.125088	0.00023216	0.06448897	0.000808	0.2245006	39.584	0.112	0.636	0.000	
20-Feb-24 03:00:00	21.389	0.207	0.409	0.555	7.331	14.404	860835.938	142.200	0.035445	9.845063	0.00047688	0.13246137	0.000360	0.1000713	45.544	0.440	0.409	15.602	
20-Feb-24 04:00:00	19.960	0.000	0.378	0.537	5.654	14.314	841403.931	142.794	0.031597	8.776913	0	0	0.000317	0.0879933	41.975	0.000	0.378	12.263	
20-Feb-24 05:00:00	22.293	0.184	0.406	0.561	3.174	14.304	797957.520	142.877	0.033487	9.296458	0.0003835	0.10652735	0.000324	0.0899773	46.904	0.382	0.406	6.786	
20-Feb-24 06:00:00	24.616	0.215	0.421	0.575	1.290	14.209	862153.771	141.361	0.039929	11.091263	0.00048745	0.1354109	0.000363	0.1007966	50.942	0.446	0.421	2.644	
20-Feb-24 07:00:00	21.299	0.017	0.313	0.461	4.053	14.198	822561.902	142.763	0.032947	9.151811	3.6824E-05	0.0088956	0.000257	0.0714298	43.954	0.033	0.313	8.375	
20-Feb-24 08:00:00	22.120	0.056	0.250	0.391	3.658	14.314	854289.185	149.456	0.035553	9.875718	0.00012214	0.03392835	0.000197	0.0546018	46.492	0.110	0.250	7.591	
20-Feb-24 09:00:00	17.948	0.000	0.236	0.401	0.114	13.900	1400149.292	232.611	0.047477	13.188027	0	0	0.000332	0.0922667	35.518	0.000	0.236	0.230	
20-Feb-24 10:00:00	20.980	0.167	0.362	0.505	0.087	13.623	1382035.034	223.593	0.053716	14.919402	0.00059081	0.16572366	0.000480	0.1333315	41.026	0.329	0.352	1.702	
20-Feb-24 11:00:00	24.690	0.085	0.382	0.534	0.099	13.741	1375586.966	222.771	0.061995	17.665234	0.00030515	0.08476394	0.000526	0.1459610	47.906	0.166	0.382	0.561	
20-Feb-24 12:00:00	21.392	0.000	0.611	0.760	8.254	14.482	843242.168	137.156	0.033779	9.383093	0	0	0.000515	0.1430452	45.921	0.000	0.611	17.966	
20-Feb-24 13:00:00	24.039	0.000	0.732	0.877	0.000	13.850	1435658.734	238.531	0.069103	19.654097	0	0	0.001052	0.2921296	47.352	0.000	0.732	0.000	
20-Feb-24 14:00:00	24.730	0.000	0.459	0.518	0.279	14.227	950192.813	152.409	0.044218	12.282729	0	0	0.000436	0.1211734	51.325	0.000	0.459	0.518	
20-Feb-24 15:00:00	27.198	0.052	0.638	0.785	0.000	13.576	1506872.266	252.144	0.077088	21.412731	0.00020505	0.05695713	0.000958	0.2660783	51.473	0.099	0.636	0.000	
20-Feb-24 16:00:00	29.273	0.005	0.424	0.575	0.000	13.519	1514423.828	257.060	0.083405	23.168104	2.1324E-05	0.00592337	0.000642	0.1782350	54.949	0.000	0.424	0.000	
20-Feb-24 17:00:00	19.191	0.000	0.159	0.341	3.222	14.168	1212643.213	183.244	0.043780	12.161111	0	0	0.000192	0.0533076	39.410	0.000	0.159	6.458	
20-Feb-24 18:00:00	21.842	0.084	0.083	0.250	2.256	14.227	831629.790	141.336	0.034175	9.493082	0.00018345	0.0509585	0.000069	0.0192883	45.320	0.067	0.083	4.840	
20-Feb-24 19:00:00	25.338	0.167	0.286	0.409	0.000	13.634	1514561.646	257.867	0.072198	20.054386	0.00058388	0.16440442	0.000402	0.1117779	48.328	0.328	0.266	0.000	
20-Feb-24 20:00:00	23.201	0.000	0.394	0.539	0.000	13.667	1542111.456	257.350	0.067314	18.698393	0	0	0.000607	0.1687712	44.454	0.000	0.394	0.000	
20-Feb-24 21:00:00	24.907	0.018	0.390	0.562	0.000	13.702	1484481.914	256.731	0.069750	19.374947	6.9291E-05	0.01924747	0.000583	0.1619966	47.739	0.034	0.390	0.000	
20-Feb-24 22:00:00	16.559	0.000	0.450	0.590	4.125	14.159	1255610.742	208.727	0.038511	10.697437	0	0	0.000565	0.1569256	33.780	0.000	0.452	8.390	
20-Feb-24 23:00:00	21.775	0.003	0.322	0.460	0.000	13.741	1518116.801	249.939	0.062018	17.238240	1.0364E-05	0.00287896	0.000489	0.1357938	42.072	0.005	0.323	0.000	
21-Feb-24 00:00:00	23.183	0.178	0.402	0.574	1.348	13.783	1477163.386	251.325	0.064419	17.894202	0.00068854	0.19129212	0.000584	0.1649424	45.397	0.347	0.402	2.487	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/2/2024 00:00-29/2/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Feb-24 01:00:00	24.161	0.078	0.409	0.539	0.000	13.625	1530994.263	262.771	0.068692	19.331223	0.00031377	0.08715711	0.000626	0.1739300	46.017	0.157	0.409	0.000	
21-Feb-24 02:00:00	24.029	0.164	0.527	0.664	0.000	13.712	1514602.905	260.798	0.068471	19.019798	0.00065029	0.18063618	0.000798	0.2216402	46.314	0.318	0.527	0.000	
21-Feb-24 03:00:00	23.849	0.113	0.428	0.672	0.000	13.707	1504483.278	259.331	0.070197	19.499051	0.0004618	0.12827887	0.000670	0.1860277	45.932	0.217	0.428	0.000	
21-Feb-24 04:00:00	22.729	0.133	0.392	0.631	0.000	13.698	1517421.753	259.596	0.064887	18.024164	0.00052791	0.14664215	0.000596	0.1652687	43.665	0.260	0.392	0.000	
21-Feb-24 05:00:00	24.130	0.223	0.443	0.598	0.000	13.686	1508750.859	261.774	0.071217	19.782506	0.00091707	0.25474113	0.000695	0.1930679	46.337	0.445	0.443	0.000	
21-Feb-24 06:00:00	20.609	0.131	0.489	0.632	2.537	14.059	1164216.919	180.442	0.045141	12.539193	0.0003997	0.1110281	0.000569	0.1580615	41.725	0.259	0.489	5.004	
21-Feb-24 07:00:00	19.165	0.149	0.520	0.881	5.182	14.115	1092417.603	179.276	0.039396	10.941023	0.0004257	0.11825056	0.000566	0.1576437	39.121	0.306	0.520	10.621	
21-Feb-24 08:00:00	23.916	0.082	0.298	0.441	0.788	14.237	992737.183	171.047	0.044669	12.408143	0.00021266	0.0590733	0.000294	0.0817084	49.697	0.163	0.298	1.734	
21-Feb-24 09:00:00	24.804	0.278	0.351	0.488	0.000	13.676	1507902.100	259.953	0.070368	19.546755	0.00109702	0.30472764	0.000529	0.1468239	47.569	0.532	0.351	0.000	
21-Feb-24 10:00:00	23.173	0.224	0.348	0.489	0.000	13.689	1512812.134	258.557	0.065954	18.320455	0.00088889	0.24691365	0.000526	0.1461961	44.518	0.408	0.348	0.000	
21-Feb-24 11:00:00	24.335	0.169	0.345	0.495	0.000	13.608	1481249.927	258.382	0.067809	18.835819	0.00065673	0.18242637	0.000511	0.1419447	46.239	0.328	0.345	0.000	
21-Feb-24 12:00:00	23.205	0.103	0.329	0.482	0.000	13.729	1468584.717	265.482	0.064115	17.809740	0.00039618	0.1100434	0.000484	0.1343380	44.707	0.200	0.329	0.000	
21-Feb-24 13:00:00	26.537	0.186	0.661	0.796	0.000	13.918	1546299.927	263.698	0.077202	21.445044	0.0007469	0.20747317	0.001022	0.2837889	50.494	0.351	0.661	0.000	
21-Feb-24 14:00:00	26.367	0.260	0.560	0.724	0.000	13.729	1513396.362	244.645	0.075074	20.853943	0.00098929	0.27480219	0.000847	0.2352264	50.530	0.500	0.560	0.000	
21-Feb-24 15:00:00	24.336	0.000	0.456	0.596	0.000	13.718	1246347.290	254.214	0.057083	15.856931	0	0	0.000569	0.1578000	46.946	0.218	0.456	0.000	
21-Feb-24 16:00:00	27.047	0.109	0.365	0.533	0.000	13.658	1567262.085	254.184	0.079751	22.152940	0.000448	0.12444491	0.000603	0.1674410	51.748	0.206	0.365	0.000	
21-Feb-24 17:00:00	27.348	0.259	0.377	0.530	0.000	13.668	1529413.574	254.998	0.079208	22.001581	0.00104475	0.29020888	0.000580	0.1610964	52.403	0.495	0.377	0.000	
21-Feb-24 18:00:00	25.563	0.000	0.376	0.628	0.000	13.704	1584036.400	254.490	0.076152	21.153369	3.1422E-07	8.7283E-05	0.000596	0.1655079	49.166	0.000	0.376	0.000	
21-Feb-24 19:00:00	26.199	0.166	0.334	0.482	0.000	13.628	1566311.523	254.697	0.077206	21.446031	0.00068941	0.19150296	0.000524	0.1454667	49.915	0.321	0.334	0.000	
21-Feb-24 20:00:00	26.131	0.122	0.363	0.629	0.000	13.617	1581646.729	254.348	0.076774	21.326216	0.00049919	0.13866473	0.000595	0.1659968	49.706	0.232	0.363	0.000	
21-Feb-24 21:00:00	25.334	0.224	0.472	0.627	0.000	13.639	1524920.410	255.364	0.072662	20.180411	0.00089257	0.24793489	0.000719	0.1998460	48.334	0.431	0.472	0.000	
21-Feb-24 22:00:00	25.747	0.136	0.431	0.569	0.000	13.570	1524430.064	264.945	0.073842	20.511765	0.00054279	0.15077306	0.000657	0.1825004	48.674	0.257	0.431	0.000	
21-Feb-24 23:00:00	21.958	0.004	0.402	0.587	0.000	13.623	1535134.033	255.377	0.063419	17.616264	1.6819E-05	0.00467194	0.000616	0.1712400	41.811	0.004	0.402	0.000	
22-Feb-24 00:00:00	23.719	0.295	0.389	0.584	0.000	13.587	1543887.917	264.038	0.068887	19.138917	0.00119262	0.33128372	0.000600	0.1669947	44.816	0.560	0.389	0.000	
22-Feb-24 01:00:00	23.777	0.198	0.418	0.583	0.000	13.544	1582111.938	254.023	0.070775	19.659600	0.00081147	0.22540199	0.000658	0.1829431	44.791	0.363	0.418	0.000	
22-Feb-24 02:00:00	24.145	0.198	0.474	0.656	0.000	13.597	1519947.632	250.889	0.069046	19.179419	0.00078783	0.21884214	0.000721	0.2001796	45.791	0.396	0.474	0.000	
22-Feb-24 03:00:00	19.857	0.000	0.485	0.625	0.000	13.718	1450847.996	249.088	0.054019	15.005309	1.4103E-06	0.00039175	0.000709	0.1969153	37.914	0.177	0.485	0.000	
22-Feb-24 04:00:00	21.980	0.263	0.506	0.623	0.000	13.738	1481007.448	243.708	0.060966	16.935181	0.00098108	0.27252335	0.000749	0.2081033	42.330	0.478	0.506	0.000	
22-Feb-24 05:00:00	20.951	0.236	0.486	0.543	0.000	13.804	1488224.731	252.430	0.058062	16.294830	0.00091856	0.25515536	0.000724	0.2011030	40.951	0.469	0.486	0.000	
22-Feb-24 06:00:00	22.137	0.102	0.458	0.609	0.000	13.750	1467522.217	252.303	0.061120	16.977897	0.00039294	0.10914997	0.000672	0.1866106	42.788	0.196	0.458	0.000	
22-Feb-24 07:00:00	24.068	0.264	0.516	0.658	0.000	13.565	1456370.850	258.329	0.065947	18.318499	0.00100788	0.27996759	0.000752	0.2088961	45.468	0.498	0.516	0.000	
22-Feb-24 08:00:00	21.136	0.229	0.558	0.596	0.000	13.833	1485960.571	260.936	0.059090	16.413852	0.00089127	0.24757477	0.000829	0.2303349	41.425	0.445	0.558	0.000	
22-Feb-24 09:00:00	23.651	0.210	0.534	0.680	0.000	13.626	1546423.492	265.520	0.068812	19.114498	0.00085059	0.23627473	0.000826	0.2295722	45.348	0.400	0.534	0.000	
22-Feb-24 10:00:00	23.601	0.265	0.397	0.538	0.000	13.656	1549578.003	258.300	0.068807	19.112964	0.00116722	0.3242287	0.000615	0.1709117	45.016	0.582	0.397	0.000	
22-Feb-24 11:00:00	25.076	0.241	0.432	0.576	0.000	13.613	1500220.337	254.037	0.070778	19.660445	0.00094542	0.26261805	0.000649	0.1801678	47.674	0.460	0.432	0.147	
22-Feb-24 12:00:00	21.672	0.269	0.321	0.476	2.642	13.576	1487974.365	254.460	0.060670	16.852852	0.00104877	0.29132436	0.000478	0.1329876	40.997	0.511	0.321	5.104	
22-Feb-24 13:00:00	24.304	0.192	0.288	0.433	1.692	13.673	1497560.947	251.496	0.068477	19.021480	0.00075156	0.20884594	0.000432	0.1199913	46.526	0.359	0.288	3.186	
22-Feb-24 14:00:00	26.352	0.210	0.353	0.500	0.000	13.571	1498582.617	257.594	0.074301	20.639176	0.0008224	0.22844506	0.000529	0.1469825	49.520	0.388	0.353	0.000	
22-Feb-24 15:00:00	26.216	0.243	0.292	0.434	0.000	13.611	1508777.832	260.706	0.074416	20.671035	0.00095775	0.26604068	0.000441	0.1224727	49.811	0.463	0.292	0.000	
22-Feb-24 16:00:00	24.030	0.154	0.177	0.315	1.371	13.805	1429845.752	258.139	0.067799	18.833050	0.00060409	0.16805202	0.000266	0.0730992	45.605	0.293	0.177	1.950	
22-Feb-24 17:00:00	23.491	0.123	0.172	0.310	0.000	13.806	1505189.841	252.145	0.066522	18.478281	0.00048537	0.1348242	0.000259	0.0719236	44.634	0.231	0.172	1.238	
22-Feb-24 18:00:00	16.406	0.472	0.390	0.528	8.062	14.314	1154840.698	178.387	0.035848	9.901744	0.00142629	0.39619097	0.000451	0.1251803	34.487	0.994	0.390	16.707	
22-Feb-24 19:00:00	22.190	0.367	0.427	0.568	0.000	13.532	1497445.068	252.171	0.062516	17.368012	0.0014309	0.39097269	0.000640	0.1776440	41.731	0.691	0.427	0.000	
22-Feb-24 20:00:00	17.962	0.846	0.455	0.605	3.682	14.089	427035.490	179.780	0.014458	4.015424	0.00094776	0.26327423	0.000194	0.0539269	36.579	1.691	0.455	1.960	
22-Feb-24 21:00:00	23.271	0.427	0.298	0.444	0.000	13.706	1429644.434	254.282	0.065477	18.188188	0.00167856	0.46404042	0.000443	0.1230139	44.300	0.826	0.298	0.000	
22-Feb-24 22:00:00	20.977	0.966	0.313	0.461	0.000	13.754	1487044.367	257.875	0.058887	16.382080	0.00218037	0.60565607	0.000466	0.1293333	40.719	1.840	0.313	0.000	
22-Feb-24 23:00:00	23.066	0.603	0.111	0.252	1.673	14.213	850102.081	145.080	0.036640	10.280006	0.00134098	0.37248309	0.000094	0.0261853	47.824	1.250	0.111	3.051	
23-Feb-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
23-Feb-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	
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27-Feb-24 17:00:00	25.276	0.315	0.313	0.458	0.000	13.548	1545957.390	260.505	0.076474	21.242609	0.00127658	0.35460011	0.000485	0.1345918	50.198	0.597	0.313	0.000	
27-Feb-24 18:00:00	18.733	0.402	0.296	0.441	2.794	14.167	1058771.881	170.018	0.037318	10.365435	0.00111378	0.30938401	0.000313	0.0870915	38.425	0.827	0.296	5.749	
27-Feb-24 19:00:00	24.112	0.453	0.478	0.528	0.000	13.975	1331813.599	234.696	0.061323	17.034213	0.00160443	0.44567483	0.000647	0.1795908	48.248	0.903	0.478	0.000	
27-Feb-24 20:00:00	17.878	0.412	0.544	0.696	7.242	14.218	930069.406	152.590	0.031232	8.675510	0.00101291	0.28136436	0.000510	0.1417384	36.625	0.827	0.544	15.168	
27-Feb-24 21:00:00	16.516	0.500	0.742	0.898	8.530	14.096	1195330.685	193.087	0.037218	10.337778	0.00156581	0.43494677	0.000888	0.2467218	33.453	1.010	0.742	18.079	
27-Feb-24 22:00:00	22.392	0.404	0.482	0.537	1.017	14.180	983759.033	168.546	0.041443	11.512674	0.00104042	0.28900424	0.000474	0.1317530	45.137	0.836	0.482	2.223	
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28-Feb-24 00:00:00	19.997	0.530	0.373	0.504	1.492	14.031	1322838.180	236.806	0.048118	13.365667	0.00183355	0.5093181	0.000494	0.1372684	38.937	1.066	0.375	2.858	
28-Feb-24 01:00:00	22.614	0.377	0.496	0.508	0.000	13.824	1501650.981	256.951	0.063605	17.668205	0.00148144	0.41151082	0.000609	0.1691180	42.880	0.719	0.405	0.000	
28-Feb-24 02:00:00	22.612	0.468	0.388	0.534	0.000	13.639	1524107.756	258.571	0.064638	18.610565	0.00186838	0.51843896	0.000592	0.1643657	43.143	0.892	0.388	0.000	
28-Feb-24 03:00:00	21.179	0.469	0.334	0.483	4.382	14.334	806891.174	140.053	0.032231	8.953124	0.00098603	0.27389792	0.000279	0.0748372	44.650	0.985	0.334	9.533	
28-Feb-24 04:00:00	21.142	0.520	0.322	0.472	3.247	14.138	787453.196	141.913	0.031322	8.700537	0.00107145	0.29762520	0.000253	0.0703478	45.285	1.162	0.322	6.264	
28-Feb-24 05:00:00	21.127	0.401	0.484	0.531	2.578	14.308	827195.973	141.800	0.032889	9.133337	0.00086726	0.24090196	0.000384	0.1065576	44.358	0.768	0.484	1.398	
28-Feb-24 06:00:00	21.064	0.298	0.419	0.587	3.281	14.259	989618.469	178.910	0.039501	10.972584	0.0007797	0.21658400	0.000410	0.1183807	45.794	0.620	0.419	6.578	
28-Feb-24 07:00:00	19.873	0.357	0.127	0.273	6.629	14.443	813198.152	144.464	0.030403	8.445334	0.00078192	0.21719941	0.000103	0.0286368	42.589	0.713	0.127	14.010	
28-Feb-24 08:00:00	22.888	0.465	0.508	0.567	1.079	14.214	964817.363	169.571	0.041564	11.545832	0.00117354	0.32598201	0.000491	0.1362788	47.331	0.960	0.508	2.143	
28-Feb-24 09:00:00	22.904	0.394	0.328	0.470	0.000	13.630	1516606.779	258.025	0.065311	18.141884	0.00156377	0.43438122	0.000497	0.1381696	43.654	0.743	0.328	0.000	
28-Feb-24 10:00:00	23.854	0.334	0.429	0.586	0.000	13.606	1502996.826	257.652	0.066887	18.579802	0.00131288	0.3646809	0.000644	0.1788719	44.930	0.632	0.429	1.807	
28-Feb-24 11:00:00	25.899	0.270	0.635	0.779	2.452	13.582	1517458.299	263.570	0.073370	20.380881	0.00107207	0.29779596	0.000964	0.2677346	48.650	0.505	0.638	0.785	
28-Feb-24 12:00:00	26.908	0.408	0.409	0.571	0.000	13.607	1465769.673	260.678	0.071406	19.850000	0.00155555	0.43301321	0.000601	0.1669204	49.326	0.730	0.409	0.000	
28-Feb-24 13:00:00	26.987	0.462	0.439	0.592	0.000	13.544	1481387.307	262.400	0.074379	20.660806	0.00179164	0.49767748	0.000650	0.1806034	50.265	0.874	0.439	0.000	
28-Feb-24 14:00:00	27.308	0.529	0.295	0.443	0.000	13.626	1542445.435	261.553	0.079246	22.012616	0.00213467	0.59296383	0.000454	0.1262116	52.011	1.007	0.295	0.000	
28-Feb-24 15:00:00	27.971	0.458	0.430	0.679	0.000	13.654	1540191.406	261.215	0.081052	22.514575	0.00184636	0.51258874	0.000663	0.1840932	53.417	0.876	0.430	0.000	
28-Feb-24 16:00:00	27.402	0.440	0.358	0.604	0.000	13.616	1498492.148	262.297	0.077250	21.458232	0.00172533	0.47925754	0.000534	0.1482830	53.785	0.839	0.358	0.000	
28-Feb-24 17:00:00	25.754	0.477	0.326	0.470	0.000	13.485	1502621.851	260.245	0.072803	20.223100	0.00187492	0.52081094	0.000480	0.1358830	48.122	0.907	0.326	0.000	
28-Feb-24 18:00:00	21.548	0.400	0.448	0.599	1.329	13.808	1245888.721	213.043	0.050730	14.091571	0.00130652	0.36264438	0.000558	0.1551174	42.190	0.784	0.448	2.621	
28-Feb-24 19:00:00	24.314	0.318	0.687	0.829	0.000	13.559	1491420.778	258.483	0.068225	18.951309	0.0012338	0.34272141	0.001025	0.2847740	45.598	0.597	0.687	0.000	
28-Feb-24 20:00:00	24.189	0.313	0.641	0.784	0.000	13.331	1505835.693	255.974	0.068473	19.020334	0.00123356	0.3426526	0.000960	0.2882940	49.068	0.589	0.641	0.000	
28-Feb-24 21:00:00	24.981	0.345	0.447	0.580	0.000	13.507	1470382.202	258.884	0.069051	19.180695	0.00132711	0.36864129	0.000657	0.1824799	48.607	0.647	0.447	0.000	
28-Feb-24 22:00:00	24.391	0.387	0.400	0.654	0.000	13.566	1494788.452	256.537	0.068594	19.053802	0.00158333	0.43148121	0.000596	0.1662028	48.021	0.751	0.400	0.000	
28-Feb-24 23:00:00	23.767	0.666	0.361	0.604	0.000	13.637	1509240.601	258.591	0.067308	18.696662	0.00262551	0.72930827	0.000543	0.1506737	45.340	1.276	0.361	0.000	
29-Feb-24 00:00:00	22.585	0.386	0.347	0.497	0.123	13.609	1512068.481	256.222	0.064535	17.926420	0.00152961	0.42489288	0.000524	0.1456753	43.109	0.732	0.347	2.481	
29-Feb-24 01:00:00	22.510	0.346	0.372	0.528	0.000	13.583	1492003.540	260.623	0.063186	17.551597	0.00135739	0.37705158	0.000558	0.1543679	42.618	0.658	0.372	0.000	
29-Feb-24 02:00:00	23.363	0.537	0.341	0.475	0.000	13.600	1525608.612	258.865	0.067035	18.620916	0.00214305	0.59529106	0.000520	0.1443815	44.298	1.016	0.341	0.000	
29-Feb-24 03:00:00	23.951	0.313	0.264	0.399	0.000	13.488	1499238.572	261.179	0.067567	18.768813	0.0012284	0.34066726	0.000396	0.1160956	44.760	0.585	0.264	0.000	
29-Feb-24 04:00:00	22.832	0.388	0.422	0.671	0.000	13.657	1435692.749	259.970	0.063887	17.690800	0.0014338	0.39827909	0.000631	0.1753811	43.301	0.666	0.422	0.000	
29-Feb-24 05:00:00	21.941	0.395	0.424	0.632	0.000	13.678	1527014.526	260.514	0.063035	17.509651	0.00157843	0.43845279	0.000647	0.1797326	42.036	0.766	0.424	0.000	
29-Feb-24 06:00:00	23.105	0.380	0.492	0.595	0.000	13.584	1493485.840	261.799	0.064920	18.033436	0.00148743	0.41317412	0.000734	0.2039274	43.754	0.718	0.492	0.000	
29-Feb-24 07:00:00	23.116	0.454	0.482	0.643	0.000	13.558	1637018.921	261.828	0.066840	18.566397	0.00182664	0.5073988	0.000741	0.2058059	43.567	0.792	0.482	0.000	
29-Feb-24 08:00:00	23.147	0.619	0.317	0.447	2.927	14.423	917548.767	157.649	0.039957	11.099254	0.0014659	0.41275018	0.000290	0.0806714	49.869	1.326	0.317	7.019	
29-Feb-24 09:00:00	23.122	0.525	0.338	0.512	0.058	13.581	1544023.500	257.598	0.067167	18.657526	0.00212203	0.58945221	0.000524	0.1455098	44.024	0.981	0.339	0.587	
29-Feb-24 10:00:00	24.480	0.569	0.363	0.608	0.000	13.584	1494154.665	257.059	0.066517	19.115758	0.00222713	0.6186481	0.000542	0.1505274	46.361	1.078	0.363	0.000	
29-Feb-24 11:00:00	25.026	0.510	0.351	0.607	0.000	13.548	1497614.990	262.297	0.070514	19.587196	0.00199064	0.55529002	0.000526	0.1461188	47.179	0.965	0.351	0.000	
29-Feb-24 12:00:00	26.737	0.381	0.405	0.664	1.022	13.565	1516396.119	261.316	0.073426	20.396107	0.00151118	0.41976718	0.000614	0.1706853	48.560	0.720	0.406	5.306	
29-Feb-24 13:00:00	26.338	0.362	0.476	0.630	168.440	13.576	1568838.257	256.731	0.077243	21.456314	0.00147856	0.4101826	0.000742	0.2062300	49.623	0.689	0.476	588.329	
29-Feb-24 14:00:00	27.258	0.210	0.510	0.654	0.000	13.973	1536164.063	253.504	0.078776	21.882733	0.00084366	0.23435485	0.000783	0.2175302	51.560	0.399	0.510	6.249	
29-Feb-24 15:00:00	27.721	0.434	0.482	0.631	1.324	13.629	1560915.771	253.215	0.081405	22.613387	0.00185329	0.51480297	0.000749	0.2079460	52.826	0.837	0.480	19.490	
29-Feb-24 16:00:00	26.850	0.196	0.563	0.717	0.000	13.603	1559795.776	254.319	0.078793	21.886063	0.000802	0.2227785	0.000909	0.2524400	50.986	0.459	0.563	6.454	
29-Feb-24 17:00:00	20.654	0.000	0.504	0.753	0.000	13.517	1517028.931	262.767	0.065949	18.374722	0	0	0.000916	0.2545010	38.736	0.000	0.504	9.107	
29-Feb-24 18:00:00	23.472	0.020	0.480	0.629	0.006	13.579	1607626.977	265.408	0.073904	19.726583	8.2195E-05	0.022832	0.000771	0.2142792	44.427	0.298	0.480	7.593	
29-Feb-24 19:00:00	17.634	0.000	0.509	0.856	3.741	14.203	1175740.358	183.593	0.038785	10.773579	0	0	0.000599	0.1663605	36.240	0.000	0.509	8.026	
29-Feb-24 20:00:00	19.880	0.000	0.194	0.335	3.336	14.214	899148.254	148.659	0.031778	8.827230	0	0	0.000167	0.0463146	38.856	0.000	0.194	6.391	
29-Feb-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Mar-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	16.30	0.00	0.08	0.23	0.00	13.49	427,036.60	121.88	0.01	4.02	0.00	0.00	0.00	0.03	32.71	0.00	0.08	0.00	
Maximum	30.38	0.85	0.74	0.90	168.44	14.65	1,644,594.54	270.64	0.09	24.78	0.00	0.73	0.00	0.29	58.22	8.24	0.74	588.33	
Avg	22.81	0.17	0.38	0.60	2.85	13.67	1,399,918.18	219.06	0.08	15.76	0.00	0.17	0.00	0.14	45.18	0.42	0.38	7.18	
sum									12.48		0.13		0.11						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Feb-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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08-Feb-24 13:00:00	37.002	0.000	1.018	0.906	10.211	13.958	1081422.807	140.048	**0.053414**	**14.837324**	**0**	**0**	**0.001070**	**0.2972194**	53.847	0.000	1.018	29.764	
08-Feb-24 14:00:00	37.087	0.000	0.604	0.980	0.264	13.424	1629409.023	270.574	**0.083041**	**23.087074**	**0**	**0**	**0.001310**	**0.3630319**	50.216	0.000	0.604	0.490	
08-Feb-24 15:00:00	25.129	0.000	0.720	0.828	0.000	13.340	1664896.973	260.175	**0.078714**	**21.864968**	**0**	**0**	**0.001200**	**0.3332068**	48.117	0.000	0.720	0.000	
08-Feb-24 16:00:00	24.568	0.000	0.750	0.891	0.000	13.371	1712948.071	267.029	**0.079123**	**21.978608**	**0**	**0**	**0.001284**	**0.3566631**	45.197	0.000	0.750	0.031	
08-Feb-24 17:00:00	24.334	0.000	0.735	0.918	0.575	13.479	1533740.479	250.537	**0.074796**	**20.776382**	**0**	**0**	**0.001203**	**0.3341864**	45.332	0.000	0.735	1.060	
08-Feb-24 18:00:00	23.595	0.000	1.049	1.234	0.607	13.516	1517761.597	257.038	**0.072729**	**20.202433**	**0**	**0**	**0.001697**	**0.4714529**	44.941	0.000	1.049	1.132	
08-Feb-24 19:00:00	24.087	0.000	1.326	1.354	0.475	13.455	1533431.274	259.103	**0.073960**	**20.544388**	**0**	**0**	**0.002166**	**0.6016488**	44.782	0.000	1.326	13.091	
08-Feb-24 20:00:00	22.478	0.000	1.339	1.518	58.967	14.606	1009640.137	127.006	**0.043543**	**12.095238**	**0**	**0**	**0.001379**	**0.3830379**	40.480	0.000	1.339	93.071	
08-Feb-24 21:00:00	27.318	0.000	0.799	0.980	0.232	13.436	1628840.487	270.355	**0.083715**	**23.254167**	**0**	**0**	**0.001301**	**0.3615037**	50.733	0.000	0.799	0.350	
08-Feb-24 22:00:00	25.648	0.000	0.775	0.934	0.636	13.358	1606971.897	266.236	**0.081861**	**22.739298**	**0**	**0**	**0.001315**	**0.3653415**	47.116	0.000	0.775	12.338	
08-Feb-24 23:00:00	20.609	0.000	0.605	0.871	0.081	13.465	1669429.932	226.854	**0.064415**	**17.892963**	**0**	**0**	**0.001160**	**0.3222598**	39.470	0.000	0.605	0.012	
09-Feb-24 00:00:00	24.202	0.000	0.770	0.964	0.759	13.475	1600587.691	257.501	**0.072881**	**20.244624**	**0**	**0**	**0.001232**	**0.3421775**	45.189	0.000	0.770	1.307	
09-Feb-24 01:00:00	24.031	0.000	0.988	1.154	0.922	13.482	1630730.347	260.214	**0.073738**	**20.482848**	**0**	**0**	**0.001606**	**0.4460103**	44.387	0.000	0.988	1.869	
09-Feb-24 02:00:00	24.117	0.000	1.178	1.359	0.183	13.420	1619228.929	260.782	**0.073471**	**20.408645**	**0**	**0**	**0.001907**	**0.5296440**	44.883	0.000	1.178	0.212	
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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16-Feb-24 22:00:00	25.411	0.007	1.264	1.450	5.981	13.785	1392554.190	180.749	0.069195	19.220957	2.7878E-05	0.00752189	0.001700	0.4590065	51.480	0.016	1.254	10.855	
16-Feb-24 23:00:00	24.370	0.000	1.198	1.386	14.157	13.512	1752948.046	258.634	0.080390	22.330085	0	0	0.002100	0.5833310	45.057	0.000	1.198	8.577	
17-Feb-24 00:00:00	23.776	0.010	1.057	1.233	1.494	13.541	1670300.171	237.605	0.074715	20.754257	4.2742E-05	0.01187278	0.001708	0.4604919	44.780	0.019	1.057	2.508	
17-Feb-24 01:00:00	23.841	0.000	0.987	1.147	0.573	13.478	1698919.800	257.804	0.076205	21.168010	0	0	0.001625	0.4514313	44.572	0.000	0.957	1.307	
17-Feb-24 02:00:00	24.004	0.000	1.065	1.161	0.230	13.407	1716359.619	257.172	0.077513	21.531330	0	0	0.001722	0.4782324	44.409	0.000	1.063	0.340	
17-Feb-24 03:00:00	22.512	0.000	1.349	1.530	14.606	14.002	1482125.404	189.500	0.062324	17.312121	0	0	0.001959	0.5440552	46.706	0.000	1.349	29.480	
17-Feb-24 04:00:00	33.475	0.017	1.374	1.565	10.307	13.893	1205804.517	172.365	0.053242	14.789347	5.2295E-05	0.01452348	0.001656	0.4601136	45.791	0.000	1.374	23.212	
17-Feb-24 05:00:00	35.101	0.000	1.184	1.383	1.631	13.470	1504128.082	264.184	0.073866	20.518288	0	0	0.001852	0.5145332	46.763	0.000	1.184	3.022	
17-Feb-24 06:00:00	28.064	0.011	1.125	1.297	4.381	13.667	1589769.409	243.330	0.076976	21.381877	4.5003E-05	0.01275094	0.001766	0.4905083	49.325	0.053	1.129	8.253	
17-Feb-24 07:00:00	21.728	0.000	2.083	2.237	31.675	14.281	1093774.048	129.257	0.044712	12.419929	0	0	0.002257	0.6269222	45.482	0.000	2.068	66.189	
17-Feb-24 08:00:00	29.523	0.009	1.304	1.481	7.991	13.847	1430626.947	193.036	0.068905	19.150833	3.3112E-05	0.00919785	0.001865	0.5181815	50.321	0.009	1.304	19.470	
17-Feb-24 09:00:00	25.086	0.010	1.341	1.516	17.351	13.866	1438612.325	190.305	0.067898	18.860081	3.6849E-05	0.00995819	0.001929	0.5358354	49.424	0.013	1.341	17.061	
17-Feb-24 10:00:00	24.449	0.005	1.315	1.522	9.541	13.907	1379346.568	191.564	0.063448	17.624906	1.8822E-05	0.00525619	0.001813	0.5036067	48.439	0.000	1.315	19.248	
17-Feb-24 11:00:00	25.016	0.002	1.319	1.482	2.348	13.910	1310920.532	191.940	0.061690	17.138953	7.7997E-06	0.00216658	0.001730	0.4804347	49.985	0.002	1.319	18.211	
17-Feb-24 12:00:00	22.583	0.000	1.787	1.953	26.336	14.329	1147346.502	142.199	0.048864	13.573347	8.9425E-07	0.00024841	0.002050	0.5694336	47.531	0.001	1.787	68.337	
17-Feb-24 13:00:00	22.958	0.005	1.800	1.985	22.312	14.258	1128703.003	143.531	0.049205	13.668819	1.7967E-05	0.00499081	0.002050	0.5693093	47.036	0.013	1.800	48.739	
17-Feb-24 14:00:00	23.426	0.063	1.888	2.071	21.424	14.326	1103118.882	141.334	0.048618	13.505260	0.00018297	0.05082304	0.002092	0.5810274	49.337	0.096	1.896	46.151	
17-Feb-24 15:00:00	24.590	0.065	1.718	1.894	17.821	14.290	1174670.313	140.622	0.054340	15.094313	0.00019941	0.05539155	0.002018	0.5500909	51.503	0.135	1.718	37.455	
17-Feb-24 16:00:00	26.447	0.003	1.384	1.575	7.729	13.946	1324394.409	188.306	0.065809	18.305230	9.8277E-06	0.00267429	0.001848	0.5127815	50.366	0.000	1.394	15.391	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/2/2024 00:00-29/2/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Feb-24 17:00:00	23.031	0.000	1.720	1.910	22.013	14.331	1122208.130	140.124	0.048620	13.607270	0	0	0.001830	0.5260452	48.640	0.000	1.720	46.629	
17-Feb-24 18:00:00	24.476	0.000	1.821	2.014	16.535	14.243	1193012.329	142.160	0.054036	15.260405	0	0	0.002173	0.6034948	50.906	0.000	1.821	35.018	
17-Feb-24 19:00:00	22.971	0.000	1.533	1.710	24.538	14.282	1184330.444	145.751	0.051183	14.217644	0	0	0.001815	0.5041906	48.054	0.000	1.533	51.228	
17-Feb-24 20:00:00	22.922	0.000	1.711	1.898	27.550	13.980	1158723.999	141.535	0.048084	13.850010	0	0	0.001979	0.5496983	48.343	0.000	1.711	58.183	
17-Feb-24 21:00:00	23.892	0.000	1.252	1.454	14.905	14.054	1376515.015	169.147	0.061830	17.175088	0	0	0.001763	0.4898301	48.401	0.000	1.262	28.912	
17-Feb-24 22:00:00	22.392	0.000	1.718	1.893	28.584	14.338	1101602.539	139.800	0.045787	12.718494	0	0	0.001892	0.5256455	46.586	0.002	1.718	62.483	
17-Feb-24 23:00:00	24.239	0.000	1.587	1.748	11.464	13.905	1201531.421	171.355	0.054807	15.224090	0	0	0.001906	0.5290253	47.996	0.007	1.587	22.728	
18-Feb-24 00:00:00	23.206	0.000	1.242	1.411	9.982	13.880	1563896.118	226.226	0.068275	18.968212	0	0	0.001942	0.5395462	45.730	0.000	1.242	19.637	
18-Feb-24 01:00:00	24.784	0.006	1.494	1.658	11.474	13.972	1277294.678	180.208	0.059510	16.530616	1.9624E-05	0.00545102	0.001906	0.5290265	49.483	0.007	1.494	22.800	
18-Feb-24 02:00:00	22.901	0.000	1.054	1.238	0.329	13.473	1738811.035	258.709	0.074919	20.810606	0	0	0.001832	0.5089057	42.727	0.000	1.054	0.609	
18-Feb-24 03:00:00	22.592	0.000	1.091	1.259	0.146	13.425	1709994.385	264.307	0.072663	20.189651	0	0	0.001866	0.5180433	41.888	0.000	1.091	0.000	
18-Feb-24 04:00:00	22.756	0.001	1.369	1.550	9.427	13.857	1477926.979	210.618	0.063267	17.574102	2.9573E-06	0.00082148	0.002019	0.5609340	44.750	0.002	1.366	18.429	
18-Feb-24 05:00:00	22.228	0.000	2.085	2.270	26.096	14.173	1115369.038	139.386	0.046645	12.957978	0	0	0.002304	0.6398751	45.758	0.005	2.085	53.394	
18-Feb-24 06:00:00	23.394	0.000	1.672	1.877	13.400	14.004	1330833.130	169.220	0.055673	15.270294	0	0	0.002226	0.6180081	48.993	0.000	1.672	27.884	
18-Feb-24 07:00:00	26.937	0.000	1.197	1.390	5.344	13.804	1349962.280	194.746	0.068416	19.004358	0	0	0.001615	0.4487080	52.592	0.000	1.197	10.387	
18-Feb-24 08:00:00	25.444	0.000	1.818	1.990	8.901	13.894	1242645.996	194.892	0.059485	16.523610	0	0	0.002259	0.6275117	50.373	0.000	1.818	17.604	
18-Feb-24 09:00:00	23.068	0.000	1.127	1.296	4.615	13.427	1771223.022	264.041	0.076836	21.343331	0	0	0.001997	0.5547238	42.746	0.000	1.127	0.002	
18-Feb-24 10:00:00	23.988	0.004	1.622	1.824	19.478	14.175	1271036.205	154.343	0.057369	15.933007	1.4733E-05	0.00409263	0.001935	0.5373683	49.416	0.009	1.622	39.871	
18-Feb-24 11:00:00	26.407	0.000	1.413	1.576	5.733	13.865	1421897.927	211.427	0.070644	19.623218	0	0	0.002009	0.5580148	51.962	0.000	1.413	11.198	
18-Feb-24 12:00:00	23.130	0.054	1.884	2.040	25.205	14.370	1130269.287	144.215	0.049106	13.662775	0.00016003	0.04446233	0.002140	0.5944927	49.033	0.113	1.884	53.318	
18-Feb-24 13:00:00	22.114	0.013	1.912	2.088	40.130	14.485	1181884.775	145.368	0.048341	13.426087	3.0655E-05	0.01084855	0.002221	0.6169539	47.571	0.043	1.912	87.506	
18-Feb-24 14:00:00	22.828	0.000	1.558	1.730	26.472	14.335	1206178.101	148.296	0.051933	14.425868	1.4221E-06	0.00039504	0.001806	0.5206396	48.518	0.000	1.558	56.478	
18-Feb-24 15:00:00	23.743	0.000	1.378	1.580	20.455	14.337	1232760.964	160.800	0.055066	15.296206	0	0	0.001696	0.4718712	50.024	0.000	1.378	43.358	
18-Feb-24 16:00:00	23.186	0.008	1.724	1.911	24.211	14.884	1180872.668	148.220	0.051511	14.308587	1.9075E-05	0.00529853	0.002038	0.5654453	49.108	0.003	1.724	51.027	
18-Feb-24 17:00:00	23.748	0.002	1.533	1.699	23.840	14.394	1207927.612	146.908	0.053965	14.990225	7.6269E-06	0.00211858	0.001852	0.5145418	50.445	0.080	1.503	49.537	
18-Feb-24 18:00:00	23.900	0.000	1.514	1.779	23.360	14.328	1182015.625	143.903	0.051801	14.389650	0	0	0.001858	0.5164965	50.349	0.000	1.514	48.243	
18-Feb-24 19:00:00	24.856	0.000	1.922	2.112	12.193	14.078	1241484.009	160.346	0.058056	16.126259	0	0	0.002308	0.6626185	50.485	0.000	1.902	24.762	
18-Feb-24 20:00:00	23.576	0.000	1.065	1.269	0.126	13.487	1736300.042	256.109	0.077014	21.392618	0	0	0.001888	0.5246866	44.067	0.000	1.068	0.000	
18-Feb-24 21:00:00	23.528	0.000	0.999	1.203	5.931	13.436	1782185.303	251.978	0.079223	22.006465	0	0	0.001781	0.4947425	43.856	0.000	0.930	0.000	
18-Feb-24 22:00:00	24.546	0.012	1.063	1.256	0.563	13.915	1516113.892	259.758	0.074632	20.731108	5.2462E-06	0.01457278	0.001702	0.4728504	46.041	0.028	1.052	0.932	
18-Feb-24 23:00:00	23.202	0.000	1.629	1.707	18.148	14.137	1218212.624	187.027	0.053089	14.747012	0	0	0.001859	0.5164908	47.507	0.000	1.529	37.127	
19-Feb-24 00:00:00	27.584	0.004	1.154	1.337	5.621	13.901	1285261.719	189.700	0.066791	18.528112	1.2333E-05	0.0034257	0.001483	0.4120798	54.587	0.006	1.154	11.268	
19-Feb-24 01:00:00	26.833	0.000	1.190	1.365	7.958	14.005	1273273.193	174.678	0.064279	17.855293	0	0	0.001516	0.4210027	53.895	0.000	1.190	16.047	
19-Feb-24 02:00:00	22.408	0.000	1.567	2.092	31.370	14.300	1118871.946	143.435	0.047109	13.102463	0	0	0.002122	0.5894721	47.003	0.000	1.997	66.746	
19-Feb-24 03:00:00	22.600	0.000	1.826	2.015	35.900	14.264	1162721.802	144.229	0.049219	13.672052	2.2365E-07	6.1846E-05	0.002123	0.5898207	46.959	0.000	1.805	54.339	
19-Feb-24 04:00:00	22.798	0.000	1.681	1.880	34.217	14.255	1137447.998	147.930	0.048787	13.551865	0	0	0.001912	0.5310497	47.490	0.007	1.681	80.136	
19-Feb-24 05:00:00	24.802	0.000	1.470	1.642	5.763	13.751	1501797.657	213.764	0.070075	19.465144	0	0	0.002208	0.6133549	48.062	0.000	1.470	10.880	
19-Feb-24 06:00:00	22.941	0.000	1.159	1.333	0.765	13.481	1750115.601	252.388	0.075537	20.982581	0	0	0.002026	0.5633052	47.848	0.000	1.159	1.373	
19-Feb-24 07:00:00	23.523	0.000	1.227	1.396	8.166	13.411	1815423.584	262.754	0.071492	19.858851	0	0	0.001982	0.5504618	43.518	0.000	1.227	0.036	
19-Feb-24 08:00:00	23.505	0.003	1.498	1.643	22.719	14.207	1184750.418	162.377	0.051507	14.307463	1.0368E-05	0.00287968	0.001709	0.4748318	48.628	0.007	1.438	47.748	
19-Feb-24 09:00:00	24.827	0.000	1.123	1.258	0.002	13.375	1748677.028	261.604	0.081675	22.687488	0	0	0.001963	0.5452632	45.725	0.000	1.123	0.030	
19-Feb-24 10:00:00	26.842	0.005	1.195	1.389	0.023	13.416	1787197.998	260.290	0.085254	23.681841	2.3351E-05	0.00648631	0.002112	0.5866879	47.477	0.000	1.195	0.124	
19-Feb-24 11:00:00	24.955	0.002	1.023	1.192	0.002	13.407	1758313.232	259.182	0.082064	22.811785	0	0	0.001798	0.4994845	45.201	0.021	1.023	0.017	
19-Feb-24 12:00:00	24.759	0.000	1.724	1.890	12.979	14.143	1477132.690	175.345	0.066011	18.336291	0	0	0.002443	0.6787405	50.734	0.000	1.724	26.486	
19-Feb-24 13:00:00	25.226	0.000	1.385	1.548	12.968	14.205	1226094.971	155.781	0.058188	16.163224	0	0	0.001698	0.4717452	52.175	0.000	1.385	26.221	
19-Feb-24 14:00:00	25.320	0.046	1.444	1.615	14.283	14.257	1147312.207	144.414	0.054664	15.184484	0.00013592	0.03775438	0.001657	0.4602252	52.818	0.096	1.448	29.666	
19-Feb-24 15:00:00	25.926	0.000	1.158	1.322	0.547	13.570	1631440.166	235.123	0.079584	22.106604	0	0	0.001888	0.5246257	49.010	0.000	1.158	1.020	
19-Feb-24 16:00:00	26.510	0.000	1.049	1.208	0.002	13.402	1744258.188	258.024	0.086996	24.165464	0	0	0.001838	0.5084754	49.001	0.000	1.049	0.007	
19-Feb-24 17:00:00	26.512	0.000	1.190	1.356	6.826	14.044	1601673.984	200.472	0.074901	20.805890	0	0	0.001798	0.4962352	53.569	0.000	1.190	13.671	
19-Feb-24 18:00:00	23.427	0.039	1.672	1.862	23.825	14.371	1172520.142	142.396	0.051679	14.355391	0.00011832	0.03286688	0.001960	0.5444582	49.674	0.090	1.672	50.909	
19-Feb-24 19:00:00	23.676	0.000	2.000	2.287	23.011	14.213	1131201.960	136.604	0.050176	13.937690	0	0	0.002365	0.6568240	48.819	0.000	2.090	47.740	
19-Feb-24 20:00:00	25.183	0.000	1.034	1.202	0.074	13.431	1602718.994	256.690	0.075876	21.076659	0	0	0.001658	0.4604205	48.717	0.000	1.034	0.000	
19-Feb-24 21:00:00	24.671	0.000	1.053	1.234	0.374	13.513	1722598.267	253.693	0.079957	22.219270	0	0	0.001814	0.5038624	48.280	0.000	1.063	0.326	
19-Feb-24 22:00:00	22.884	0.007	1.589	2.048	28.251	14.297	1133185.684	144.070	0.048788	13.552176	2.2038E-05	0.00612162	0.002118	0.5883688	47.698	0.000	1.669	54.979	
19-Feb-24 23:00:00	22.102	0.035	1.519	1.694	34.546	14.384	1148642.725	153.311	0.047740	13.260987	0.00010646	0.02957328	0.001744	0.4844885	46.812	0.075	1.519	73.404	
20-Feb-24 00:00:00	23.266	0.000	1.084	1.782	0.067	13.431	1740281.484	260.996	0.076176	21.160500	0	0	0.001904	0.5288892	43.189	0.000	1.084	0.058	
20-Feb-24 01:00:00	24.713	0.001	1.044	1.236	0.107	13.387	1799960.815	263.856	0.081826	22.730054	6.2833E-06	0.00174535	0.001837	0.5103740	45.572	0.000	1.044	0.010	
20-Feb-24 02:00:00	22.593	0.000	1.173	1.384	1.993	13.670	1702723.389	249.717	0.072605	20.193800	0	0	0.001997	0.5547929	42.843	0.000	1.173	3.965	
20-Feb-24 03:00:00	22.027	0.000	1.764	1.954	30.046	14.314	1116483.525	141.582	0.046269	12.852405	4.5515E-07	0.00012643	0.001992	0.5532228	46.271	0.000	1.784	63.083	
20-Feb-24 04:00:00	22.798	0.006	1.620	1.800	20.963	14.189	1099128.784	142.621	0.047139	13.094207	1.331E-05	0.00369715	0.001780	0.4944735	45.898	0.000	1.620	43.244	
20-Feb-24 05:00:00	23.076	0.000	1.604	1.794	22.435	14.205	1154229.980	142.327	0.051414	14.281630	0	0	0.001900	0.5276466	47.681	0.000	1.604	43.061	
20-Feb-24 06:00:00	25.294	0.007	1.809	1.980	12.829	14.110	1110835.010	141.088	0.052852	14.681058	1.985E-05	0.00554178	0.002010	0.5582121	51.638	0.013	1.809	26.307	
20-Feb-24 07:00:00	23.041	0.000	1.621	1.794	21.544	14.228	1123616.333	142.611	0.048707	13.529741	0	0	0.001822	0.5060222	47.820	0.000	1.621	45.360	
20-Feb-24 08:00:00	23.530	0.000	1.437	1.613	19.380	14.232	1132330.685	150.602	0.050126	13.924022	0	0	0.001627	0.4520430	49.678	0.000	1.437	40.231	
20-Feb-24 09:00:00	23.075	0.003	1.194	1.369	3.626	13.675	1676113.525	233.040	0.072764	20.212191	1.2808E-05	0.0035745	0.002001	0.5558758	44.247	0.000	1.194	7.112	
20-Feb-24 10:00:00	23.719	0.000	1.170	1.336	2.579	13.684	1618134.521	225.081	0.072207	20.057583	0	0	0.001893	0.5257722	45.518	0.000	1.170	5.013	
20-Feb-24 11:00:00	26.383	0.004	1.126	1.299	1.393	13.647	1638153.442	222.438	0.081160	22.644326	1.5229E-05	0.00423021	0.001841	0.5114964	50.396	0.000	1.126	2.766	
20-Feb-24 12:00:00	22.890	0.000	1.869	2.084	36.166	14.539	1176892.944	137.583	0.050684	14.079793	0	0	0.002235	0.6207795	49.927	0.000	1.869	78.697	
20-Feb-24 13:00:00	28.650	0.000	1.201	1.381	2.047	13.748	1564528.198	237.494	0.084332	23.425491	0	0	0.001879	0.5218441	55.478	0.000	1.201	3.725	
20-Feb-24 14:00:00	26.134	0.047	1.339	1.515	10.892	14.323	1230849.365	153.913	0.060518	16.810670	0.00014087	0.04103166	0.001648	0.4577285	55.020	0.068	1.339	23.043	
20-Feb-24 15:00:00	26.924	0.000	1.023	1.187	0.000	13.503	1708678.172	250.858	0.088522	24.033780	0	0	0.001748	0.4855218	50.439	0.000	1.023	0.000	
20-Feb-24 16:00:00	28.217	0.005	1.032	1.199	0.001	13.458	1762081.665	253.063	0.093545	25.984896	2.4433E-05	0.00678692	0.001819	0.5051748	52.597	0.005	1.032	0.000	
20-Feb-24 17:00:00	24.771	0.000	1.122	1.391	9.204	14.139	1482705.300	183.042	0.069099	19.194103	0	0	0.001664	0.4621158	50.735	0.000	1.122	18.852	
20-Feb-24 18:00:00	24.884	0.000	1.268	1.415	14.095	14.299	1114958.688	141.357	0.051736	14.371145	0	0	0.001403	0.3897397	51.736	0.000	1.268	29.552	
20-Feb-24 19:00:00	25.473	0.000	0.954	1.133	0.106	13.416	1748284.771	256.795	0.083787	23.274044	0	0	0.001665	0.4634183	47.166	0.000	0.954	0.194	
20-Feb-24 20:00:00	26.036	0.000	0.979	1.175	0.021	13.439	1631942.606	258.713	0.079940	22.205517	0	0	0.001596	0.4437887	48.358	0.000	0.979	0.131	
20-Feb-24 21:00:00	25.441	0.000	0.921	1.108	0.072	13.445	1630735.718	248.370	0.078054	21.681651	0	0	0.001502	0.4171423	47.294	0.000	0.921	0.058	
20-Feb-24 22:00:00	24.350	0.002	1.168	1.387	9.920	13.987	1499223.877	200.677	0.068681	19.078078	3.442E-06	0.00234501	0.001778	0.4938188	48.797	0.008	1.168	19.768	
20-Feb-24 23:00:00	26.021	0.000	0.873	1.050	0.002	13.448	1728997.681	259.147	0.081390	22.608479	0	0	0.001509	0.4191871	48.519	0.000	0.873	0.002	
21-Feb-24 00:00:00	23.926	0.000	0.930	1.103	6.350	13.932	1624102.296	252.300	0.073109	20.307921	0	0	0.001511	0.4197811	44.996	0.000	0.930	7.876	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/2/2024 00:00-29/2/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Feb-24 01:00:00	24.315	0.000	1.075	1.265	0.000	13.350	1758085.080	264.168	0.080333	22.314585	0	0	0.001887	0.5242673	44.828	0.000	1.075	0.000	
21-Feb-24 02:00:00	23.142	0.000	1.145	1.341	0.018	13.450	1738640.771	260.880	0.075695	21.026261	0	0	0.001991	0.5529178	43.043	0.000	1.145	0.018	
21-Feb-24 03:00:00	23.265	0.000	1.140	1.330	0.000	13.449	1719012.451	259.516	0.075241	20.900151	0	0	0.001960	0.5445121	43.211	0.000	1.140	0.000	
21-Feb-24 04:00:00	23.482	0.000	1.167	1.327	0.298	13.515	1669503.638	259.125	0.070108	19.480987	0	0	0.001840	0.5110842	44.012	0.000	1.167	0.318	
21-Feb-24 05:00:00	23.727	0.000	1.125	1.297	0.016	13.423	1784809.201	261.724	0.078773	21.881314	0	0	0.001985	0.5514320	43.968	0.007	1.125	0.002	
21-Feb-24 06:00:00	25.505	0.000	1.413	1.585	7.513	13.960	1431394.246	182.739	0.068583	19.078522	0	0	0.002023	0.5619532	50.865	0.000	1.413	14.877	
21-Feb-24 07:00:00	23.174	0.000	1.510	1.689	14.167	14.061	1435089.136	181.689	0.062909	17.281380	0	0	0.002168	0.6022985	46.954	0.000	1.510	28.529	
21-Feb-24 08:00:00	26.298	0.000	1.245	1.422	11.098	14.094	1232679.633	171.008	0.058604	16.295625	0	0	0.001535	0.4263838	51.457	0.000	1.245	22.582	
21-Feb-24 09:00:00	26.678	0.000	1.198	1.358	0.000	13.433	1742421.997	260.612	0.084176	23.382184	0	0	0.002083	0.5788296	47.663	0.000	1.198	0.171	
21-Feb-24 10:00:00	26.021	0.000	1.171	1.347	0.000	13.462	1723830.322	258.447	0.081149	22.541439	0	0	0.002019	0.5608800	46.616	0.000	1.171	0.000	
21-Feb-24 11:00:00	25.904	0.000	1.133	1.303	0.007	13.388	1748826.814	257.380	0.085531	23.758798	0	0	0.001982	0.5505806	47.062	0.000	1.133	0.048	
21-Feb-24 12:00:00	25.712	0.000	1.139	1.295	0.300	13.502	1727581.279	255.500	0.083569	23.213445	0	0	0.001999	0.5415593	48.198	0.000	1.139	0.011	
21-Feb-24 13:00:00	28.589	0.000	1.162	1.358	0.035	13.414	1782415.527	262.164	0.094796	26.332249	0	0	0.002083	0.5788164	52.925	0.000	1.162	0.000	
21-Feb-24 14:00:00	28.551	0.000	1.158	1.342	0.442	13.582	1718982.524	244.058	0.092657	25.738006	0	0	0.001860	0.5928852	54.238	0.000	1.158	0.826	
21-Feb-24 15:00:00	26.008	0.000	1.120	1.295	0.000	13.458	1658115.967	264.434	0.087373	24.276401	0	0	0.001857	0.5159579	52.131	0.000	1.120	0.000	
21-Feb-24 16:00:00	27.972	0.004	1.104	1.306	0.000	13.478	1787489.868	263.208	0.094069	26.130392	1.9188E-05	0.00538786	0.001974	0.5482989	52.218	0.007	1.104	0.000	
21-Feb-24 17:00:00	27.244	0.000	1.091	1.283	0.000	13.609	1827973.452	264.010	0.093893	26.025804	0	0	0.001994	0.5538712	51.078	0.000	1.091	0.000	
21-Feb-24 18:00:00	27.155	0.000	1.049	1.232	0.000	13.649	1785277.488	264.392	0.091209	25.336829	0	0	0.001872	0.5200275	51.168	0.000	1.049	0.000	
21-Feb-24 19:00:00	26.727	0.000	1.066	1.272	0.000	13.498	1799069.702	264.721	0.090463	25.128737	0	0	0.001952	0.5423487	50.084	0.000	1.065	0.000	
21-Feb-24 20:00:00	26.137	0.000	1.061	1.233	0.180	13.459	1777827.388	264.349	0.087422	24.283847	0	0	0.001888	0.5239632	48.874	0.000	1.061	0.338	
21-Feb-24 21:00:00	25.022	0.000	1.049	1.239	0.000	13.448	1802888.560	264.900	0.084874	23.576130	0	0	0.001891	0.5252643	46.537	0.000	1.049	0.000	
21-Feb-24 22:00:00	24.753	0.000	1.078	1.271	0.219	13.411	1807088.783	265.256	0.084156	23.376747	0	0	0.001944	0.5399057	45.905	0.000	1.078	0.018	
21-Feb-24 23:00:00	24.434	0.000	1.011	1.207	0.000	13.400	1766265.015	265.424	0.081196	22.554159	0	0	0.001787	0.4962581	45.143	0.000	1.011	0.000	
22-Feb-24 00:00:00	23.714	0.000	1.118	1.291	0.164	13.421	1752640.015	258.252	0.078194	21.720596	0	0	0.001959	0.5440972	43.936	0.000	1.118	0.308	
22-Feb-24 01:00:00	22.729	0.000	1.032	1.230	0.000	13.367	1766922.607	254.367	0.075557	20.987957	0	0	0.001824	0.5065400	41.912	0.000	1.032	0.000	
22-Feb-24 02:00:00	24.171	0.000	1.026	1.207	0.000	13.304	1759259.644	261.676	0.080004	22.223358	0	0	0.001804	0.5012457	44.619	0.000	1.026	0.030	
22-Feb-24 03:00:00	23.831	0.000	0.987	1.178	1.244	13.542	1690394.078	250.609	0.075787	21.051812	0	0	0.001669	0.4636316	44.809	0.000	0.987	2.582	
22-Feb-24 04:00:00	24.314	0.000	1.011	1.207	1.085	13.533	1715497.559	247.037	0.078186	21.708332	0	0	0.001734	0.4817803	45.540	0.000	1.011	1.971	
22-Feb-24 05:00:00	23.310	0.000	1.116	1.294	1.830	13.579	1713845.093	252.281	0.075158	20.877625	0	0	0.001913	0.5313258	44.112	0.000	1.116	3.047	
22-Feb-24 06:00:00	24.585	0.000	1.081	1.265	0.210	13.503	1699855.211	251.929	0.076774	21.326126	0	0	0.001784	0.4883872	46.058	0.000	1.081	1.486	
22-Feb-24 07:00:00	25.123	0.000	1.135	1.335	0.245	13.381	1690873.145	255.384	0.083196	23.105396	0	0	0.001922	0.5338367	48.176	0.000	1.135	0.323	
22-Feb-24 08:00:00	24.490	0.000	0.996	1.171	1.720	13.509	1675474.243	260.712	0.077272	21.464553	0	0	0.001666	0.4611743	45.245	0.000	0.996	3.104	
22-Feb-24 09:00:00	24.897	0.000	1.153	1.319	0.000	13.378	1652732.302	265.772	0.076482	21.245122	0	0	0.001873	0.5202878	45.290	0.000	1.153	0.000	
22-Feb-24 10:00:00	26.063	0.000	1.146	1.323	0.100	13.426	1750488.037	258.154	0.085833	23.842605	0	0	0.002006	0.5572934	48.387	0.000	1.146	0.042	
22-Feb-24 11:00:00	25.558	0.000	1.037	1.204	0.873	13.424	1675645.264	254.138	0.083724	23.256585	0	0	0.001737	0.4825441	49.198	0.000	1.037	0.200	
22-Feb-24 12:00:00	24.915	0.000	1.053	1.233	0.103	13.467	1727378.564	254.791	0.080967	22.490792	0	0	0.001818	0.5050783	46.381	0.000	1.053	0.000	
22-Feb-24 13:00:00	26.219	0.000	1.054	1.234	0.107	13.479	1731589.233	249.951	0.085418	23.727149	0	0	0.001842	0.5116092	48.966	0.000	1.054	0.000	
22-Feb-24 14:00:00	27.812	0.000	0.938	1.103	0.000	13.411	1732212.280	256.125	0.089988	24.996581	0	0	0.001625	0.4513484	51.068	0.000	0.938	0.000	
22-Feb-24 15:00:00	27.907	0.000	1.002	1.170	0.000	13.459	1808526.978	260.786	0.094851	26.347583	0	0	0.001810	0.5027659	51.960	0.000	1.002	0.000	
22-Feb-24 16:00:00	27.406	0.000	0.928	1.106	13.897	13.448	1743457.397	264.399	0.089892	24.970027	0	0	0.001618	0.4494953	50.930	0.000	0.928	14.936	
22-Feb-24 17:00:00	27.873	0.034	0.906	1.077	0.014	13.435	1771381.226	252.200	0.092223	25.617534	0.00011347	0.03151927	0.001604	0.4455820	51.378	0.697	0.906	0.021	
22-Feb-24 18:00:00	23.447	0.078	1.225	1.386	16.315	14.233	1485007.935	179.480	0.064627	17.951965	0.00029916	0.08309679	0.001794	0.4984509	48.899	1.309	1.226	32.069	
22-Feb-24 19:00:00	26.064	0.013	0.937	1.123	0.098	13.467	1742294.678	258.030	0.082128	22.812531	5.9409E-05	0.0165025	0.001633	0.4536921	48.608	1.450	0.937	0.000	
22-Feb-24 20:00:00	23.703	0.000	1.218	1.394	15.810	14.063	1308551.196	179.582	0.057050	15.847185	0	0	0.001591	0.4419788	47.209	0.002	1.218	32.189	
22-Feb-24 21:00:00	25.323	0.053	0.850	1.110	0.303	13.607	1702772.827	254.673	0.081124	22.534419	0.00023837	0.06621287	0.001604	0.4460640	47.450	0.785	0.900	0.606	
22-Feb-24 22:00:00	27.134	0.032	0.915	1.083	0.128	13.471	1710333.818	258.242	0.087311	24.252979	0.00014458	0.04015886	0.001565	0.4348674	50.516	0.193	0.910	0.010	
22-Feb-24 23:00:00	24.113	0.000	1.203	1.396	13.888	14.182	1168236.450	144.631	0.052464	14.570540	0	0	0.001391	0.3864338	49.557	0.000	1.203	28.414	
23-Feb-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Feb-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Feb-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-Feb-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Feb-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Feb-24 16:00:00	29.803	0.005	1.116	1.280	0.061	13.420	1588450.449	256.925	0.085121	26.422574	2.2935E-05	0.00929079	0.001892	0.5254252	55.288	0.000	1.116	0.241	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/2/2024 00:00-29/2/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Feb-24 17:00:00	37.938	0.000	1.030	1.282	0.000	13.488	1507749.873	266.505	0.086732	23.853298	0	0	0.001694	0.4704601	51.453	0.000	1.030	0.000	
27-Feb-24 18:00:00	28.331	0.000	1.248	1.414	8.062	14.138	1277406.498	168.245	0.063281	17.578126	0	0	0.001592	0.4422240	33.599	0.000	1.248	10.581	
27-Feb-24 19:00:00	30.718	0.000	1.160	1.323	1.906	13.833	1661873.169	233.409	0.096044	26.679005	0	0	0.001911	0.5309431	60.205	0.000	1.160	3.599	
27-Feb-24 20:00:00	23.585	0.002	1.490	1.650	18.728	14.204	1193958.740	159.421	0.052980	14.716587	5.5919E-06	0.0015533	0.001779	0.4941415	48.780	0.000	1.490	32.880	
27-Feb-24 21:00:00	22.813	0.000	1.425	1.610	14.771	14.091	1492251.099	193.546	0.064048	17.791109	0	0	0.002128	0.5904760	45.404	0.000	1.425	29.914	
27-Feb-24 22:00:00	25.842	0.003	1.272	1.451	10.789	14.133	1227395.264	168.171	0.059214	16.448252	1.002E-05	0.0027833	0.001562	0.4338316	32.477	0.000	1.272	22.132	
27-Feb-24 23:00:00	23.942	0.000	1.375	1.548	9.128	13.923	1628099.365	300.682	0.068832	19.119977	0	0	0.002101	0.5836429	47.534	0.003	1.375	15.182	
28-Feb-24 00:00:00	24.872	0.000	1.125	1.291	7.293	13.897	1626547.974	321.419	0.070999	19.722035	0	0	0.001721	0.4781833	46.519	0.000	1.125	14.078	
28-Feb-24 01:00:00	24.242	0.000	1.025	1.206	0.322	13.388	1741881.084	257.234	0.079444	22.067850	0	0	0.001786	0.4956080	44.690	0.000	1.025	0.811	
28-Feb-24 02:00:00	23.934	0.000	1.075	1.287	0.090	13.378	1721639.771	256.782	0.077526	21.534062	0	0	0.001851	0.5142787	44.101	0.000	1.075	3.081	
28-Feb-24 03:00:00	27.919	0.000	1.618	1.797	24.560	14.355	1099031.816	140.279	0.047002	13.056185	0	0	0.001763	0.4897614	47.757	0.000	1.618	51.175	
28-Feb-24 04:00:00	23.088	0.000	1.408	1.609	15.524	14.052	1150922.383	141.142	0.050427	14.007476	0	0	0.001690	0.4695090	45.683	0.001	1.458	31.803	
28-Feb-24 05:00:00	26.100	0.000	1.668	1.730	20.816	13.711	1068878.028	141.503	0.052329	14.535068	0	0	0.001657	0.4602607	47.912	0.001	1.565	42.988	
28-Feb-24 06:00:00	24.107	0.000	1.238	1.422	14.846	14.161	1328627.982	179.446	0.060258	16.738429	0	0	0.001645	0.4569792	48.531	0.002	1.238	30.473	
28-Feb-24 07:00:00	21.384	0.001	1.403	1.567	37.926	14.396	1108372.925	142.313	0.044502	12.386830	2.5795E-06	0.00071402	0.001556	0.4319714	45.535	0.058	1.403	80.755	
28-Feb-24 08:00:00	24.846	0.000	1.179	1.382	12.277	14.199	1159118.112	166.066	0.054184	15.050083	0	0	0.001366	0.3795811	50.863	0.002	1.179	25.153	
28-Feb-24 09:00:00	25.298	0.000	1.162	1.324	0.031	13.441	1727212.036	255.642	0.082206	22.835630	0	0	0.002006	0.5572906	47.000	0.002	1.162	0.000	
28-Feb-24 10:00:00	25.824	0.000	1.115	1.291	0.082	13.426	1629559.300	257.349	0.079126	21.880026	0	0	0.001817	0.5046089	47.860	0.000	1.115	0.138	
28-Feb-24 11:00:00	25.875	0.000	1.195	1.362	3.638	13.442	1659609.937	261.953	0.080803	22.445183	0	0	0.001963	0.5608839	48.082	0.000	1.195	7.348	
28-Feb-24 12:00:00	27.158	0.002	1.120	1.285	0.000	13.422	1788404.941	259.217	0.091380	25.383247	9.7296E-06	0.00270267	0.002004	0.5665063	50.326	0.148	1.120	0.000	
28-Feb-24 13:00:00	28.078	0.004	1.195	1.357	0.000	13.460	1760341.431	263.022	0.092932	25.814341	2.038E-05	0.00566392	0.002102	0.5838257	53.306	0.000	1.195	0.001	
28-Feb-24 14:00:00	29.055	0.008	1.135	1.291	0.000	13.479	1741749.512	260.625	0.095209	26.447303	3.5496E-05	0.0098607	0.001977	0.5492643	54.292	0.007	1.135	0.000	
28-Feb-24 15:00:00	29.230	0.002	1.124	1.393	0.099	13.459	1686412.598	260.958	0.092740	25.761242	8.1287E-06	0.00225824	0.001895	0.5264794	54.460	0.006	1.124	0.184	
28-Feb-24 16:00:00	28.281	0.001	1.133	1.292	0.010	13.463	1686430.054	262.242	0.089637	24.899226	2.37E-06	0.00065832	0.001910	0.5306857	52.648	0.000	1.133	0.108	
28-Feb-24 17:00:00	26.623	0.041	1.077	1.262	0.003	13.423	1705629.883	260.463	0.085432	23.731226	0.00018271	0.05075275	0.001838	0.5104678	49.345	0.077	1.077	0.006	
28-Feb-24 18:00:00	27.665	0.000	1.244	1.418	3.308	13.819	1522294.566	213.877	0.079235	22.009721	0	0	0.001894	0.5261214	54.122	0.000	1.244	6.866	
28-Feb-24 19:00:00	24.815	0.023	1.202	1.382	0.000	13.430	1625743.896	256.946	0.075950	21.097198	9.6107E-05	0.02672130	0.001950	0.5432212	46.057	0.042	1.202	0.000	
28-Feb-24 20:00:00	25.573	0.004	1.072	1.266	0.000	13.457	1714410.034	255.378	0.082484	22.912253	1.8421E-05	0.00511609	0.001838	0.5106448	47.693	0.008	1.072	0.097	
28-Feb-24 21:00:00	25.813	0.007	1.020	1.204	0.000	13.377	1744082.868	255.093	0.084702	23.528246	3.1881E-05	0.0088558	0.001779	0.4940944	47.560	0.100	1.020	0.107	
28-Feb-24 22:00:00	25.627	0.000	0.933	1.096	0.008	13.404	1729900.146	256.890	0.083080	23.077895	0	0	0.001614	0.4483724	47.190	0.000	0.933	0.000	
28-Feb-24 23:00:00	25.550	0.009	1.120	1.264	0.085	13.398	1690964.233	258.570	0.081264	22.573841	3.8198E-05	0.01061088	0.001894	0.5261525	47.197	0.000	1.120	0.003	
29-Feb-24 00:00:00	24.812	0.000	1.056	1.238	0.116	13.419	1720762.637	256.229	0.080305	22.307514	0	0	0.001816	0.5043358	45.985	0.000	1.056	0.000	
29-Feb-24 01:00:00	24.310	0.000	1.106	1.301	0.146	13.470	1726067.041	261.594	0.078939	21.927438	0	0	0.001905	0.5300345	46.316	0.006	1.106	0.062	
29-Feb-24 02:00:00	24.694	0.000	1.093	1.271	0.079	13.376	1635016.054	258.800	0.076009	21.113594	0	0	0.001784	0.4960252	45.474	0.000	1.093	0.054	
29-Feb-24 03:00:00	24.322	0.000	1.058	1.234	0.087	13.368	1740284.058	252.076	0.079634	22.120631	0	0	0.001838	0.5106251	44.744	0.000	1.058	0.038	
29-Feb-24 04:00:00	23.845	0.000	1.048	1.227	0.025	13.455	1749250.029	258.150	0.077918	21.610088	0	0	0.001833	0.5091226	44.009	0.000	1.048	0.106	
29-Feb-24 05:00:00	23.493	0.000	1.161	1.338	0.000	13.490	1731883.887	260.456	0.076548	21.263524	0	0	0.002010	0.5583795	43.930	0.000	1.161	0.189	
29-Feb-24 06:00:00	23.443	0.000	1.026	1.194	0.000	13.365	1734353.271	260.572	0.076493	21.248020	0	0	0.001780	0.4944757	43.116	0.000	1.026	0.000	
29-Feb-24 07:00:00	23.459	0.000	1.085	1.269	0.000	13.418	1733882.252	252.221	0.076525	21.256983	0	0	0.001881	0.5226095	43.181	0.000	1.085	0.000	
29-Feb-24 08:00:00	23.132	0.273	1.351	1.516	18.350	14.304	1165776.024	158.178	0.050735	14.093117	0.0008325	0.23125108	0.001575	0.4374550	48.566	0.501	1.351	36.866	
29-Feb-24 09:00:00	24.781	0.008	1.156	1.326	0.904	13.430	1742487.915	252.912	0.081238	22.566180	3.6296E-05	0.01008223	0.002013	0.5591684	45.953	0.027	1.156	0.116	
29-Feb-24 10:00:00	26.744	0.000	1.122	1.268	0.028	13.419	1745704.956	252.345	0.087836	24.368815	0	0	0.001958	0.5439784	49.539	0.000	1.122	0.019	
29-Feb-24 11:00:00	25.535	0.000	1.157	1.325	0.202	13.409	1775546.286	251.754	0.085347	23.707450	0	0	0.002055	0.5708729	47.190	0.000	1.157	0.561	
29-Feb-24 12:00:00	25.618	0.005	1.140	1.271	3.067	13.427	1772592.163	260.599	0.087101	24.194763	2.2972E-05	0.00638112	0.002021	0.5614888	48.423	0.042	1.140	10.471	
29-Feb-24 13:00:00	28.150	0.005	1.088	1.267	0.000	13.436	1796472.776	265.063	0.095250	26.458350	2.8252E-05	0.00784777	0.001953	0.5424995	52.798	0.001	1.088	0.059	
29-Feb-24 14:00:00	28.124	0.098	1.160	1.326	0.000	13.481	1782358.812	263.853	0.094310	26.197157	0.00044795	0.12443124	0.002067	0.5741770	52.383	1.410	1.160	0.000	
29-Feb-24 15:00:00	29.092	0.316	1.077	1.268	1.643	13.457	1790160.391	263.140	0.097980	27.216729	0.00147986	0.41101883	0.001920	0.5357733	54.188	4.617	1.077	24.125	
29-Feb-24 16:00:00	25.928	0.014	1.149	1.326	0.385	13.389	1691060.913	269.257	0.082485	22.912428	6.1355E-05	0.01704208	0.001943	0.5396171	47.844	0.016	1.149	0.796	
29-Feb-24 17:00:00	26.088	0.029	1.140	1.330	0.432	13.394	1742490.366	263.377	0.085430	23.730467	0.00013382	0.03717165	0.001986	0.5517108	48.115	0.054	1.140	0.760	
29-Feb-24 18:00:00	26.229	0.000	1.175	1.326	0.227	13.408	1841225.708	266.785	0.090880	25.238841	0	0	0.002163	0.6008654	48.502	0.000	1.175	0.629	
29-Feb-24 19:00:00	22.533	0.003	1.248	1.419	7.922	13.961	1611458.229	183.182	0.064077	17.799157	1.1551E-05	0.00320882	0.001930	0.5238432	44.981	0.000	1.248	15.815	
29-Feb-24 20:00:00	22.119	0.008	1.128	1.298	11.310	13.949	1575558.960	144.918	0.044800	12.444425	2.3527E-05	0.00653517	0.001214	0.3373315	44.058	0.009	1.128	22.348	
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Minimum	20.51	0.00	0.89	0.87	0.02	13.36	1,029,640.14	122.07	0.04	12.10	0.00	0.00	0.00	0.36	39.47	0.00	0.89	0.00	
Maximum	30.72	0.32	2.09	2.27	58.99	19.46	1,841,225.71	270.07	0.10	27.22	0.00	0.41	0.00	0.66	80.70	4.62	2.09	93.07	
Avg	24.85	0.01	1.24	1.42	7.83	13.76	1,625,882.77	219.12	0.07	19.86	0.00	0.01	0.00	0.51	48.08	0.08	1.24	10.45	
sum									15.39		0.01		0.40						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 3 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
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08-Mar-24 01:00:00	22.85053374	1	1.208255181	1.252170185	0	13.35019108	1714.705208	265.6	0.000074	0.020488	4.4884E-08	0.00124617	0.000002	0.0005755	42.06849358	0	1.208255181	0	
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08-Mar-24 03:00:00	22.17957457	1	1.128315869	1.171840142	0	13.33898231	1718.593021	268.2	0.000072	0.019697	4.4933E-08	0.00124813	0.000002	0.0005306	40.77419499	0	1.128318869	0	
08-Mar-24 04:00:00	21.8124305	1	1.154071143	1.196824954	0	13.32869162	1720.397798	265.1	0.000071	0.019608	4.5025E-08	0.0012507	0.000002	0.0005614	40.04405718	0	1.154071143	0	
08-Mar-24 05:00:00	21.52838723	1	1.172699507	1.214298778	0	13.32830889	1721.721815	267	0.000070	0.019369	4.5068E-08	0.00125188	0.000002	0.0005600	39.50718013	0	1.172699507	0	
08-Mar-24 06:00:00	21.51927073	1	1.217430592	1.260384933	0	13.32908479	1718.247858	265.9	0.000070	0.019324	4.4977E-08	0.00124935	0.000002	0.0005811	39.50862145	0	1.217430592	0	
08-Mar-24 07:00:00	21.72867280	1	1.227916778	1.268848674	0	13.33379347	1720.417708	266.5	0.000070	0.019529	4.5033E-08	0.00125093	0.000002	0.0005866	39.90290112	0	1.227916778	0	
08-Mar-24 08:00:00	21.73706578	1	1.228802138	1.272734401	0	13.33822833	1718.920975	265.6	0.000070	0.019526	4.4992E-08	0.00124977	0.000002	0.0005867	39.94603107	0	1.228802138	0	
08-Mar-24 09:00:00	21.87378515	1	1.215816078	1.266171972	0	13.32924802	1718.584115	265	0.000071	0.019657	4.5011E-08	0.0012503	0.000002	0.0005807	40.10911907	0	1.215816078	0	
08-Mar-24 10:00:00	22.35265584	1	1.204948025	1.248480845	0	13.32622264	1719.596966	264.2	0.000072	0.020088	4.5012E-08	0.00125033	0.000002	0.0005758	41.03415838	0	1.204948025	0	
08-Mar-24 11:00:00	23.11450584	1	1.173889081	1.378917042	0	13.35649438	1727.398602	263.1	0.000075	0.020882	4.5207E-08	0.00125574	0.000002	0.0006032	42.60898814	0	1.173889081	0	
08-Mar-24 12:00:00	23.74058389	1	1.188813953	1.231484445	0	13.37494795	1726.405875	262.9	0.000077	0.021451	4.5246E-08	0.0012568	0.000002	0.0005707	43.88254822	0.003884088	1.188819953	0	
08-Mar-24 13:00:00	24.04130219	1	1.218864876	1.258710985	0	13.37281653	1720.17474	261.9	0.000078	0.021613	4.5027E-08	0.00125075	0.000002	0.0005813	44.38453119	0.000781513	1.218540878	0	
08-Mar-24 14:00:00	24.50066812	1	1.204279894	1.245228287	0	13.38207252	1726.797306	264.3	0.000080	0.022111	4.52E-08	0.00125557	0.000002	0.0005777	45.29900216	0	1.204279894	0	
08-Mar-24 15:00:00	25.62333329	1	1.188298429	1.226385632	0	13.39613022	1727.247917	260.4	0.000083	0.023030	4.5212E-08	0.00125588	0.000002	0.0005781	47.27103892	0.001680274	1.188298429	0	
08-Mar-24 16:00:00	26.45750662	1	1.18405349	1.205372975	0	13.40995004	1732.871615	262.2	0.000086	0.023960	4.5359E-08	0.00125996	0.000002	0.0005803	49.09894167	0	1.18405349	0	
08-Mar-24 17:00:00	26.88908672	1	1.220113216	1.262092286	0	13.42880247	1731.482292	258.6	0.000088	0.024332	4.5323E-08	0.00125897	0.000002	0.0005866	49.99117414	0	1.220113216	0	
08-Mar-24 18:00:00	26.91658872	1	1.190008581	1.22972214	0	13.44985388	1729.290104	263.3	0.000088	0.024339	4.5266E-08	0.00125738	0.000002	0.0005716	50.21687794	0	1.190008581	0	
08-Mar-24 19:00:00	25.89247404	1	1.293107321	1.333558825	0	13.40041889	1722.234115	262.9	0.000084	0.023305	4.5081E-08	0.00125225	0.000002	0.0006186	48.31438037	0	1.293107321	0	
08-Mar-24 20:00:00	23.83183194	1	1.361432187	1.309320113	0	13.38054888	1725.38028	262.7	0.000077	0.021404	4.511E-08	0.00125306	0.000002	0.0006517	44.05629215	0	1.361432187	0	
08-Mar-24 21:00:00	23.45881629	1	1.324388103	1.367420697	0	13.36858125	1718.78625	264.4	0.000076	0.021060	4.490E-08	0.00124972	0.000002	0.0006323	43.28224209	0	1.324388103	0	
08-Mar-24 22:00:00	23.54098962	1	1.177907888	1.217480439	0	13.35879475	1724.400833	264.5	0.000076	0.021216	4.5138E-08	0.00125384	0.000002	0.0005642	43.43833283	0	1.177907888	0	
08-Mar-24 23:00:00	23.28045885	1	1.136944308	1.180199564	0	13.37258614	1722.880417	263.2	0.000075	0.020958	4.500E-08	0.00125249	0.000002	0.0005440	42.90044309	0	1.136944308	0	
09-Mar-24 00:00:00	23.06239688	1	1.128453711	1.168133717	0	13.35990243	1723.07828	265	0.000075	0.020750	4.5103E-08	0.00125288	0.000002	0.0005401	42.49584879	0	1.128453711	0	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 1/3 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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11-Mar-24 16:00:00	26.98122306	1	1.277916574	1.3172893	0.271059084	13.51406762	1721.910417	224.8	0.000087	0.024282	4.5073E-08	0.00125201	0.000002	0.0006112	50.74905050	0	1.277916574	0.571869982	
11-Mar-24 17:00:00	26.79144101	1	1.221443881	1.264467909	0	13.41127807	1726.327086	145.2	0.000087	0.024171	4.5188E-08	0.00125523	0.000002	0.0005857	49.73021837	0	1.221449881	0	
11-Mar-24 18:00:00	23.69198172	1	1.429218915	1.468039703	7.140843781	14.3452453	1331.110163	143.3	0.000057	0.015788	3.4843E-08	0.00096788	0.000002	0.0005285	48.14853444	0	1.429218515	15.50529298	
11-Mar-24 19:00:00	23.30822906	1	1.492117893	1.534097274	8.452482868	14.45317404	1319.942447	142.3	0.000055	0.015340	3.4551E-08	0.00095974	0.000002	0.0005471	47.62499075	0	1.492117893	19.33938003	
11-Mar-24 20:00:00	23.32487401	1	1.534461913	1.571849004	10.72581088	14.49859292	1277.608175	143.7	0.000054	0.014906	3.3442E-08	0.00092895	0.000002	0.0005446	48.45941729	0	1.534461913	23.37248771	
11-Mar-24 21:00:00	23.34894972	1	1.561901047	1.585729428	11.5666799	14.50513894	1284.41822	143.7	0.000054	0.015002	3.3621E-08	0.00093391	0.000002	0.0005637	48.50386997	0	1.561901047	25.28126907	
11-Mar-24 22:00:00	23.59368207	1	1.446190815	1.482482819	9.757239084	14.48486772	1303.693742	143	0.000055	0.015363	3.4097E-08	0.00094713	0.000002	0.0005211	48.71911628	0	1.446190815	21.18371373	
11-Mar-24 23:00:00	22.9077266	1	1.481831518	1.593398272	11.04038485	14.51060337	1281.601584	143.6	0.000054	0.015115	3.3547E-08	0.00093188	0.000002	0.0005203	49.24708648	0	1.481631518	24.13424028	
12-Mar-24 00:00:00	22.78769694	1	1.490658213	1.53336385	10.74094725	14.5069076	1285.567546	150.2	0.000056	0.015296	3.3851E-08	0.00093474	0.000002	0.0005323	49.49580818	0	1.490658213	23.4088379	
12-Mar-24 01:00:00	22.71341890	1	1.546822029	1.588511493	10.57645832	14.5033877	1274.430726	255.3	0.000054	0.015129	3.3359E-08	0.00092665	0.000002	0.0005478	49.35799703	0	1.546822929	20.00797099	
12-Mar-24 02:00:00	25.1201302	1	1.324322835	1.368211717	8.80509058	13.86462914	1537.322914	255.8	0.000067	0.018875	4.0241E-08	0.0011178	0.000002	0.0005866	48.0073699	0	1.324322835	8.20699126	
12-Mar-24 03:00:00	22.8795488	1	1.099965468	1.141241453	0	13.37470047	1732.972656	268.1	0.000073	0.020268	4.5362E-08	0.00126008	0.000002	0.0005296	41.33707272	0	1.099965468	0	
12-Mar-24 04:00:00	22.10850235	1	1.11509216	1.159062486	0	13.37062009	1728.904023	267.3	0.000072	0.019070	4.5241E-08	0.00125671	0.000002	0.0005353	40.61435745	0	1.11509216	0	
12-Mar-24 05:00:00	21.77841132	1	1.188284670	1.227187429	0	13.35278854	1727.008833	267.1	0.000071	0.019658	4.5298E-08	0.00125572	0.000002	0.0005801	40.10948821	0	1.188284679	0	
12-Mar-24 06:00:00	21.6298069	1	1.235130079	1.279704947	0	13.34902137	1724.81224	267.5	0.000070	0.019497	4.5148E-08	0.00125412	0.000002	0.0005918	39.81625868	0	1.235130079	0	
12-Mar-24 07:00:00	22.02903046	1	1.2522484	1.293420236	0	13.37519976	1720.772309	269.5	0.000071	0.019811	4.5043E-08	0.00125119	0.000002	0.0005988	40.67427132	0	1.2522484	0	
12-Mar-24 08:00:00	22.13013884	1	1.199861633	1.243811158	0	13.38787984	1721.026479	270	0.000072	0.019904	4.5049E-08	0.00125137	0.000002	0.0005735	40.92693122	0	1.199861633	0	
12-Mar-24 09:00:00	22.28865436	1	1.354436018	1.395068304	2.995220513	13.91305868	1513.162498	145.4	0.000063	0.017629	3.9609E-08	0.00110023	0.000002	0.0005903	44.45999039	0	1.354436818	6.326682737	
12-Mar-24 10:00:00	22.30658868	1	1.390218806	1.433915082	4.805059328	14.01396373	1469.817957	145.5	0.000062	0.017135	3.8474E-08	0.00106872	0.000002	0.0005676	45.12684943	0	1.390216806	10.25185008	
12-Mar-24 11:00:00	22.11073087	1	1.609392332	1.728894815	10.50498538	14.49059473	1288.663794	145.5	0.000054	0.014874	3.388E-08	0.00093554	0.000002	0.0005609	47.97003856	0	1.609392332	22.78775431	
12-Mar-24 12:00:00	22.20671882	1	1.587543725	1.809002038	10.67282976	14.50176229	1290.878373	158.7	0.000054	0.014961	3.378E-08	0.00093881	0.000002	0.0005620	48.24226811	0	1.587343725	23.19857439	
12-Mar-24 13:00:00	22.38654178	1	1.586087547	1.829140486	10.52704861	14.52698358	1295.030723	206	0.000055	0.015159	3.3914E-08	0.00094206	0.000002	0.0005788	48.52942087	0	1.586087547	22.97328288	
12-Mar-24 14:00:00	22.40080731	1	1.544878485	1.584887182	7.983568968	14.36933815	1372.3128	206.4	0.000058	0.016065	3.5922E-08	0.00099782	0.000002	0.0005569	47.72400821	0	1.544878485	17.35131837	
12-Mar-24 15:00:00	22.26209207	1	1.39849254	1.442335249	5.780089513	14.20068111	1388.701819	212.7	0.000058	0.016157	3.635E-08	0.00100974	0.000002	0.0005394	46.95693751	0	1.39849254	12.45866294	
12-Mar-24 16:00:00	22.08455129	1	1.458107249	1.497717097	5.77407080	14.25372837	1386.803100	261.1	0.000058	0.016030	3.6355E-08	0.00100985	0.000002	0.0005625	46.25944522	0.000449084	1.458107249	12.29974013	
12-Mar-24 17:00:00	22.07317717	1	1.279791564	1.323333307	0.892301081	13.60088701	1633.38099	195.7	0.000068	0.018877	4.2834E-08	0.00118982	0.000002	0.0006017	41.82714458	0	1.279791564	1.190532918	
12-Mar-24 18:00:00	23.43598581	1	1.229270957	1.2690278	0.059302304	13.48680296	1678.030469	144.2	0.000074	0.020552	4.3824E-08	0.00122011	0.000002	0.0005730	43.93862913	0	1.229270957	0.117632429	
12-Mar-24 19:00:00	22.46015824	1	1.497820839	1.541628013	9.808749981	14.4849858	1258.299458	259.8	0.000054	0.015123	3.3739E-08	0.0009372	0.000002	0.0005383	48.45272914	0	1.497820839	21.25328555	
12-Mar-24 20:00:00	22.62494787	1	1.44013188	1.491663944	7.224481878	14.21289503	1365.852238	257.7	0.000060	0.016627	3.6486E-08	0.00101349	0.000002	0.0005611	47.94656922	0	1.44013188	15.61657839	
12-Mar-24 21:00:00	22.45433340	1	1.232916711	1.278310836	0	13.38350874	1713.05825	264.5	0.000072	0.020106	4.4841E-08	0.00124555	0.000002	0.0005887	41.59145780	0	1.232916711	0	
12-Mar-24 22:00:00	22.81791865	1	1.227804279	1.269921907	0	13.39452097	1716.810417	257.7	0.000074	0.020497	4.4901E-08	0.00124978	0.000002	0.0005861	42.26385241	0	1.227804279	0	
12-Mar-24 23:00:00	23.03339075	1	1.19012154	1.222580772	0	13.42672528	1719.723436	227.8	0.000075	0.020791	4.5015E-08	0.00125042	0.000002	0.0005637	42.84933725	0	1.19012154	0	
13-Mar-24 00:00:00	23.17841140	1	1.183481083	1.225875404	0.670067238	13.50830413	1694.946313	144.9	0.000074	0.020528	4.4358E-08	0.00123212	0.000002	0.0005571	43.60095725	0	1.183481083	0.13681421	
13-Mar-24 01:00:00	22.13833688	1	1.329755587	1.381111204	5.104655385	14.13696713	1426.041934	208	0.000059	0.016401	3.7328E-08	0.00103689	0.000002	0.0005307	45.70575926	0	1.329755587	10.35148923	
13-Mar-24 02:00:00	22.38401038	1	1.298540547	1.340859851	2.015763917	13.58740674	1616.046355	258.1	0.000066	0.018005	4.2381E-08	0.00117504	0.000002	0.0005821	43.35064239	0	1.298540547	4.300670753	
13-Mar-24 03:00:00	21.76786461	1	1.223837219	1.264881468	0	13.36841156	1728.076822	265.8	0.000071	0.019659	4.5234E-08	0.0012566	0.000002	0.0005874	40.17317364	0	1.223837219	0	
13-Mar-24 04:00:00	21.63114565	1	1.232499097	1.276918433	0	13.36060741	1727.673177	258.2	0.000070	0.019531	4.5223E-08	0.0012562	0.000002	0.0005815	39.88102977	0	1.232499097	0	
13-Mar-24 05:00:00	21.84762158	1	1.271258848	1.31109075	0	13.38144559	1724.346385	147.6	0.000070	0.018500	4.5138E-08	0.00125378	0.000002	0.0006000	40.02333331	0	1.271258848	0	
13-Mar-24 06:00:00	22.29083324	1	1.485338411	1.529688118	7.835625082	14.28761723	1347.375259	258.5	0.000057	0.015696	3.5269E-08	0.00097966	0.000002	0.0005559	46.94058157	0	1.485338411	16.82960274	
13-Mar-24 07:00:00	22.81282118	1	1.385173896	1.426843703	2.356579828	13.83752811	1564.528906	145.9	0.000066	0.018371	4.0861E-08	0.00113831	0.000002	0.0006061	44.98535783	0	1.385173896	4.97319704	
13-Mar-24 08:00:00	22.34295129	1	1.33763688	1.381087053	2.702795218	13.80623008	1586.885285	255.5	0.000065	0.018185	4.0721E-08	0.00113114	0.000002	0.0005780	43.69475807	0	1.33763688	5.720038506	
13-Mar-24 09:00:00	22.40324658	1	1.515868031	1.557100584	7.807274375	14.32418192	1339.194529	247.3	0.000056	0.016679	3.5055E-08	0.00097374	0.000002	0.0005639	47.40578169	0	1.515868031	16.75409972	
13-Mar-24 10:00:00	22.06678741	1	1.235098218	1.278819546	0	13.38385414	1733.558859	144.7	0.000072	0.019905	4.538E-08	0.00126058	0.000002	0.0005952	40.81478333	0	1.235098218	0	
13-Mar-24 11:00:00	22.14731775	1	1.441510414	1.629339329	7.223281154	14.3524198	1324.330460	145	0.000055	0.015329	3.4066E-08	0.00095293	0.000002	0.0005303	47.09546327	0	1.441510414	15.54472067	
13-Mar-24 12:00:00	22.06102712	1	1.594731108	1.633984503	9.018402735	14.4733204	1296.200610	152.9	0.000054	0.014979	3.4008E-08	0.00094466	0.000002	0.0005755	47.71358176	0	1.594731108	21.48180312	
13-Mar-24 13:00:00	22.03406383	1	1.509945448	1.632040028	10.09675347	14.49769956	1301.318746	259.3	0.000054	0.014987	3.4068E-08	0.00094634	0.000002	0.0005752	47.83521739	0	1.509945448	21.93398111	
13-Mar-24 14:00:00	22.38840820	1	1.428087908	1.485608008	5.762391369	14.24781474	1421.733497	179.3	0.000060	0.016642	3.7215E-08	0.00103375	0.000002	0.0005641	46.7935173	0	1.428087908	12.4032589	
13-Mar-24 15:00:00	22.70903287	1	1.558575218	1.601182801	6.842426008	14.38787708	1346.085137	251.6	0.000057	0.015964	3.5299E-08	0.00097802	0.000002	0.0005823	48.03874058	0	1.558575218	14.87978464	
13-Mar-24 16:00:00	24.34291677	1	1.301128429	1.341215443	0.46992625	13.75229017	1631.139063	159.4	0.000074	0.020924	4.2435E-08	0.00117874	0.000002	0.0005859	47.2187565	0	1.301128429	1.012287296	
13-Mar-24 17:00:00	22.72045148	1	1.257725747	1.360217372	1.70455874	14.0379232	1499.030843	144.8	0.000064	0.017790	3.9735E-08	0.00108908	0.000002	0.0005217	46.00323172	0	1.257725747	3.613682772	
13-Mar-24 18:00:00	22.78447915	1	1.481327798	1.501137414	8.172308809	14.55220603	1297.620048	145.3	0.000056	0.015430	3.3968E-08	0.00094351	0.000002	0.0005287	49.85412187	0	1.481327798	17.00510198	
13-Mar-24 19:00:00	22.12051187	1	1.520802942	1.983654382	10.31401046	14.55486880	1258.808726	330.7	0.000054	0.015015	3.3907E-08	0.00094437	0.000002	0.0005487	48.45806914	0	1.520802942	22.16894213	
13-Mar-24 20:00:00	22.51067806	1	1.425829206	1.466154561	7.420496582	14.37900602	1353.094269	141	0.000057	0.015918	3.5416E-08	0.00098384	0.000002	0.0005358	48.0201873	0	1.425829206	16.12055494	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 13 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 13 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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20-Mar-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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20-Mar-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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20-Mar-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: /3 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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21-Mar-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
21-Mar-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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Site Name: GULF GUT
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Periodically: /3 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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25-Mar-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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25-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
25-Mar-24 20:00:00	26.13337578	1	1.256782061	1.225980992	0.218589059	13.49334198	1722.607031	258	0.000085	0.023618	4.5891E-06	0.00125252	0.000002	0.0006014	40.027388	0	1.256782061	0.449545258	
25-Mar-24 21:00:00	24.05971308	1	1.052934197	1.094053871	0	13.39192924	1733.48724	255.6	0.000081	0.022612	4.5378E-06	0.00126043	0.000002	0.0005070	48.20477086	0	1.052934197	0	
25-Mar-24 22:00:00	23.15877084	1	0.890590235	1.039225789	0	13.38200853	1727.900781	259	0.000075	0.020911	4.5220E-06	0.00125837	0.000002	0.0004756	42.70184013	0	0.890590235	0	
25-Mar-24 23:00:00	22.89917534	1	0.982873532	1.028303165	0	13.35227225	1722.687031	265.3	0.000073	0.020300	4.5092E-06	0.00125256	0.000002	0.0004783	41.54491735	0	0.982873532	0	
26-Mar-24 00:00:00	22.33853258	1	0.963958087	1.004907397	0	13.34581731	1718.780677	145.4	0.000072	0.020086	4.409E-06	0.00124872	0.000002	0.0004802	41.11987379	0	0.963958087	0	
26-Mar-24 01:00:00	21.79098088	1	1.171683942	1.314922047	4.233787363	13.96201178	1483.806789	255.9	0.000081	0.016896	3.8835E-06	0.00107874	0.000002	0.0004529	43.74104995	0	1.171683942	9.131003493	
26-Mar-24 02:00:00	21.92804895	1	1.109643864	1.150911581	1.281408249	13.50836379	1637.853845	287	0.000088	0.018780	4.2872E-06	0.0011909	0.000002	0.0005048	41.86908736	0	1.109643864	2.866558649	
26-Mar-24 03:00:00	21.22874124	1	1.004123833	1.047890096	0	13.3448977	1725.832135	288.7	0.000089	0.019147	4.5175E-06	0.00125486	0.000002	0.0004814	39.05383373	0	1.004123833	0	
26-Mar-24 04:00:00	21.19889422	1	0.979674397	1.020072378	0	13.33828648	1719.895573	242.8	0.000086	0.019054	4.502E-06	0.00125055	0.000002	0.0004680	38.98178922	0	0.979674397	0	
26-Mar-24 05:00:00	21.42334211	1	1.097187628	1.139060316	0.000969693	13.40135857	1696.990104	144.9	0.000086	0.019000	4.442E-06	0.00123380	0.000002	0.0005172	39.72517478	0	1.097187628	0.001923999	
26-Mar-24 06:00:00	21.18253487	1	1.384149201	1.406718028	7.418133167	14.30502175	1529.85781	205.8	0.000053	0.014798	3.481E-06	0.00096695	0.000002	0.0005830	44.86453428	0	1.384149201	15.90468921	
26-Mar-24 07:00:00	21.46071151	1	1.448741032	1.490228994	9.210615978	14.41447701	1291.524997	143.4	0.000052	0.014469	3.3815E-06	0.0009393	0.000002	0.0005199	45.90748811	0	1.448741032	19.83557148	
26-Mar-24 08:00:00	20.72513888	1	1.391275958	1.435280489	7.240181314	14.24550306	1363.809892	143.8	0.000053	0.014772	3.5898E-06	0.00099104	0.000002	0.0005271	43.39503738	0	1.391275958	15.45880407	
26-Mar-24 09:00:00	21.39821525	1	1.534713482	1.575060982	16.53572916	14.46978913	1277.804082	252.9	0.000051	0.014288	3.3446E-06	0.0009291	0.000002	0.0005447	45.1324946	0	1.534713482	22.7461895	
26-Mar-24 10:00:00	21.61414927	1	1.242830013	1.286918383	5.457204920	13.81450308	1552.920312	142.3	0.000064	0.017704	4.0649E-06	0.00112914	0.000002	0.0005381	42.92480865	0	1.242830013	7.396378443	
26-Mar-24 11:00:00	21.37967702	1	1.379626033	1.537740571	7.945260447	14.33830637	1349.753383	254.2	0.000054	0.015078	3.5331E-06	0.00098142	0.000002	0.0005158	45.38476833	0	1.379626033	17.24727098	
26-Mar-24 12:00:00	22.60098080	1	1.284592022	1.328283787	3.322947918	13.55211181	1581.711717	199	0.000067	0.018401	4.0879E-06	0.00113553	0.000002	0.0005673	44.85481984	0	1.284592022	7.229014975	
26-Mar-24 13:00:00	22.00408848	1	1.154867178	1.195251611	0.828041532	13.88398000	1563.571875	209.3	0.000065	0.017980	4.0928E-06	0.00113688	0.000002	0.0005018	43.53940258	0	1.154867178	1.873587358	
26-Mar-24 14:00:00	23.79930560	1	1.113133763	1.156998211	0.041249992	13.4487887	1702.958333	257.4	0.000078	0.021181	4.4578E-06	0.00123823	0.000002	0.0005288	44.39423093	0	1.113133753	0.084353104	
26-Mar-24 15:00:00	25.08851561	1	1.224409898	1.264383871	0	13.48899059	1681.381863	254	0.000079	0.022045	4.4611E-06	0.00122252	0.000002	0.0005719	48.91957869	0	1.224409898	0	
26-Mar-24 16:00:00	0	9	0	1.241154721	0	20.79674516	1692.277344	283.3	0.000000	-	3.9867E-05	0.01107421	0.000000	-	0	0	0	0	
26-Mar-24 17:00:00	0	9	0	1.314073645	0	20.99385781	1695.75	198	0.000000	-	3.9949E-05	0.01109693	0.000000	-	0	0	0	0	
26-Mar-24 18:00:00	23.86981998	1	1.207004788	1.248093333	0.21122147	13.4365057	1690.947917	203.8	0.000076	0.021156	4.4303E-06	0.00123314	0.000002	0.0005060	44.45135298	0.179249059	1.207004788	0.404333717	
26-Mar-24 19:00:00	21.94987837	1	1.470026017	1.612421686	9.894149292	14.42081828	1323.890865	258.2	0.000054	0.014810	3.4654E-06	0.00096261	0.000002	0.0005408	46.38875821	0.000808272	1.470026017	21.28328331	
26-Mar-24 20:00:00	22.50838798	1	1.284548532	1.324140378	1.609218588	13.56644763	1558.202865	254.4	0.000069	0.019268	4.2578E-06	0.001181	0.000002	0.0005845	42.83220187	0	1.284548532	3.204474843	
26-Mar-24 21:00:00	23.49784717	1	1.187013947	1.229444438	0.082065957	13.38770822	1595.924177	166.3	0.000075	0.020826	4.4392E-06	0.00123312	0.000002	0.0005502	43.37269894	4.05E-05	1.187013947	0.154547691	
26-Mar-24 22:00:00	22.9531683	1	1.191290079	1.230000011	2.098732802	13.70298087	1586.497917	143.5	0.000068	0.019021	4.1597E-06	0.00116297	0.000002	0.0005247	44.27984827	0.000159168	1.191290079	4.196593867	
26-Mar-24 23:00:00	21.72697046	1	1.359322703	1.409923718	10.79666812	14.35730293	1323.656806	143.9	0.000054	0.015030	3.4648E-06	0.00096244	0.000002	0.0004908	46.19987784	0	1.359322703	23.16108909	
27-Mar-24 00:00:00	21.98519095	1	1.488871416	1.528511969	13.00016328	14.42842873	1284.238015	149.8	0.000053	0.014742	3.3618E-06	0.00093378	0.000002	0.0005311	47.17241988	0	1.488871416	27.99230042	
27-Mar-24 01:00:00	21.81801921	1	1.568420251	1.61259934	15.21414909	14.42701619	1278.847133	140.5	0.000052	0.014578	3.347E-06	0.00092971	0.000002	0.0005571	48.84545801	0	1.568420251	28.32801458	
27-Mar-24 02:00:00	21.98947920	1	1.524552894	1.583628439	12.12296814	14.35780153	1285.044627	287.4	0.000053	0.014779	3.3663E-06	0.00093508	0.000002	0.0005447	46.78382558	0	1.524552894	25.85883187	
27-Mar-24 03:00:00	22.28648397	1	1.500624943	1.543088909	9.184508515	14.1188917	1398.199996	256.6	0.000059	0.016272	3.6569E-06	0.00101864	0.000002	0.0005528	45.73842158	0	1.500624943	19.45886911	
27-Mar-24 04:00:00	21.94384575	1	1.220980958	1.26188362	0.058767233	13.28424267	1712.410198	282.3	0.000069	0.019200	4.4824E-06	0.00124511	0.000002	0.0005808	39.92023749	0	1.220980958	0.107777219	
27-Mar-24 05:00:00	21.91170045	1	1.189432528	1.232307417	0.218516794	13.29678377	1705.07154	152.5	0.000070	0.019525	4.4832E-06	0.00123077	0.000002	0.0005634	40.00836313	0	1.189432528	0.398235298	
27-Mar-24 06:00:00	21.5851387	1	1.358597028	1.399140192	8.423248439	14.10440114	1371.158607	178.4	0.000056	0.015408	3.5001E-06	0.00099095	0.000002	0.0005187	44.79758279	0	1.358597028	17.75382779	
27-Mar-24 07:00:00	21.2238979	1	1.302534739	1.343871549	0.601103118	13.97237202	1457.673177	208.3	0.000056	0.016178	3.8181E-06	0.00106003	0.000002	0.0005275	42.53819549	0	1.302534739	13.92441419	
27-Mar-24 08:00:00	21.49077963	1	1.207485293	1.291349436	1.626857465	13.50120017	1680.328823	213	0.000067	0.018653	4.348E-06	0.00120724	0.000002	0.0005569	40.43380275	0	1.207485293	3.201626951	
27-Mar-24 09:00:00	20.71792629	1	1.268220384	1.308030692	0.252170203	13.98274305	1480.130959	200.1	0.000057	0.015398	3.822E-06	0.00106167	0.000002	0.0005144	41.52725355	0	1.268220384	13.72830131	
27-Mar-24 10:00:00	21.5626863	1	1.177057319	1.220486069	0.793350824	13.38217454	1694.614323	187.1	0.000069	0.019088	4.4355E-06	0.00123209	0.000002	0.0005540	39.84891342	0	1.177057319	1.5282935	
27-Mar-24 11:00:00	21.32548914	1	1.519078589	1.711098619	11.13182294	14.33745184	1310.921086	143.2	0.000052	0.014405	3.4314E-06	0.00095318	0.000002	0.0005534	44.50885727	0	1.519078589	23.65821018	
27-Mar-24 12:00:00	21.37534888	1	1.548177091	1.592723903	12.64842706	14.421122	1309.813874	154.9	0.000053	0.014626	3.428E-06	0.00095223	0.000002	0.0005632	45.55174407	0	1.548177091	27.16368445	
27-Mar-24 13:00:00	21.51306427	1	1.486937076	1.526423763	12.8167768	14.45800891	1309.332841	250.6	0.000053	0.014721	3.4273E-06	0.00095204	0.000002	0.0005404	46.40289921	0	1.486937076	27.6594605	
27-Mar-24 14:00:00	22.14889789	1	1.334834819	1.37658858	9.008733180	14.24559423	1390.125258	267.3	0.000058	0.016091	3.0388E-06	0.00101077	0.000002	0.0005154	48.2885163	0	1.334834819	19.31061353	
27-Mar-24 15:00:00	24.90889739	1	1.02754255	1.06841145	0.003402785	13.31476353	1738.46901	283.2	0.000084	0.022229	4.5427E-06	0.00125187	0.000002	0.0004954	44.90992414	0	1.02754255	0.043113892	
27-Mar-24 16:00:00	23.00000938	1	0.965625465	1.003844706	0.001183187	13.28156603	1731.815825	269.4	0.000074	0.021631	4.5332E-06	0.00125922	0.000002	0.0004845	43.49225016	0	0.965625465	0.003120585	

Site Name: GULF OUT
Stack Name: HRSG_STACK11
Periodically: 25 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Mar-24 17:00:00	24.01385789	1	1.025659042	1.056041389	0.001368911	13.26120883	1732.692909	260.9	0.000078	0.021745	4.5365E-06	0.00125985	0.000002	0.0004937	43.69674532	0	1.025659042	0.002533801	
27-Mar-24 18:00:00	23.47269915	1	1.140920342	1.180312581	0.028050868	13.26749131	1724.547396	263.9	0.000076	0.021155	4.5142E-06	0.00125393	0.000002	0.0005405	42.74723026	0.000221232	1.140920342	0.061147922	
27-Mar-24 19:00:00	23.11494857	1	1.222995029	1.265312680	0.074010486	13.29080731	1718.704688	264.3	0.000075	0.020762	4.4989E-06	0.00124968	0.000002	0.0005839	42.22386231	8.74E-06	1.222995029	0.135246028	
27-Mar-24 20:00:00	22.65294286	1	1.095182074	1.134314179	0.002291813	13.37181427	1723.104588	263.3	0.000073	0.020309	4.5104E-06	0.00125288	0.000002	0.0005242	41.27783598	0.001714888	1.095182074	0.004172161	
27-Mar-24 21:00:00	22.62753475	1	0.996458511	1.03901056	0.003329108	13.28905801	1730.465885	265.1	0.000074	0.020463	4.5296E-06	0.00125823	0.000002	0.0004790	41.21722735	0	0.996458511	0.005891079	
27-Mar-24 22:00:00	22.81906434	1	1.082430211	1.102688471	0.021106823	13.28765282	1730.668835	263.5	0.000074	0.020630	4.5302E-06	0.0012584	0.000002	0.0005108	41.65500558	0	1.082430211	0.038529926	
27-Mar-24 23:00:00	22.56820033	1	1.171814276	1.215781294	0.121979188	13.29183377	1728.489323	263.5	0.000073	0.020377	4.5245E-06	0.0012568	0.000002	0.0005626	41.21250095	0	1.171814276	0.223206847	
28-Mar-24 00:00:00	22.12648962	1	1.220642544	1.25962675	0.072274221	13.2883421	1734.865644	263.9	0.000072	0.020063	4.5412E-06	0.00126145	0.000002	0.0005882	40.38352937	0	1.220642544	0.13168164	
28-Mar-24 01:00:00	21.84578963	1	1.186597154	1.230847196	0.053194429	13.2748655	1721.543229	265.8	0.000071	0.019665	4.5063E-06	0.00125175	0.000002	0.0005674	39.82248061	0.000381317	1.186597154	0.09721939	
28-Mar-24 02:00:00	21.57377807	1	1.286927207	1.307178868	0.069878472	13.24865587	1728.275	267.9	0.000070	0.019488	4.5239E-06	0.00125664	0.000002	0.0006082	39.19139412	0	1.286927207	0.126904158	
28-Mar-24 03:00:00	21.2774219	1	1.284062238	1.325892319	0.053958282	13.24398009	1724.868229	268	0.000069	0.019190	4.515E-06	0.00125416	0.000002	0.0006152	38.62977332	0	1.284062238	0.09815804	
28-Mar-24 04:00:00	21.0182206	1	1.259157978	1.300199757	0.110086806	13.24063585	1725.233594	268.2	0.000068	0.018958	4.5159E-06	0.00125443	0.000002	0.0006034	38.14288244	0	1.259157978	0.199977779	
28-Mar-24 05:00:00	20.96839796	1	1.062517521	1.104682775	0.004670106	13.2351086	1721.184536	268	0.000068	0.018881	4.5054E-06	0.00125149	0.000002	0.0005080	38.02386745	0	1.062517521	0.00848715	
28-Mar-24 06:00:00	20.95745522	1	1.137369914	1.179829418	0.005868026	13.23410381	1722.614844	263.2	0.000068	0.018887	4.5091E-06	0.00125253	0.000002	0.0005442	38.00019139	0	1.137369914	0.010670393	
28-Mar-24 07:00:00	20.9181183	1	1.156060301	1.197006081	0.005277772	13.2287023	1716.21901	199.9	0.000068	0.018762	4.4924E-06	0.00124788	0.000002	0.0005511	37.90211566	0	1.156060301	0.009587789	
28-Mar-24 08:00:00	21.39252148	1	1.191345429	1.235390929	0.368669096	13.29777994	1698.773177	263.2	0.000066	0.018992	4.4487E-06	0.00123619	0.000002	0.0005622	39.11852038	0	1.191345429	0.694775939	
28-Mar-24 09:00:00	21.18426215	1	1.295338515	1.335590407	5.881267271	13.90298731	1468.392166	209.5	0.000059	0.016257	3.8436E-06	0.00106766	0.000002	0.0005284	42.15353046	0	1.295338515	12.05722532	
28-Mar-24 10:00:00	21.35582452	1	1.086710294	1.131180181	0.12349471	13.27065331	1714.057031	145.6	0.000069	0.019130	4.4667E-06	0.0012403	0.000002	0.0005174	38.91676146	0	1.086710294	0.231229393	
28-Mar-24 11:00:00	21.06328127	1	1.425104142	1.381903846	11.9029613	14.34135838	1311.142183	143.4	0.000052	0.014433	3.432E-06	0.00095334	0.000002	0.0005190	44.69742599	7.46E-06	1.425104142	25.45503431	
28-Mar-24 12:00:00	21.04668521	1	1.566840333	1.602637871	13.67940433	14.43690439	1294.369164	142.6	0.000051	0.014238	3.3881E-06	0.00094115	0.000002	0.0005596	45.26404107	0.442761508	1.566840333	29.44191776	
28-Mar-24 13:00:00	21.1436806	1	1.567734268	1.600066672	13.67411443	14.44417099	1268.672847	166.4	0.000052	0.014349	3.3991E-06	0.0009442	0.000002	0.0005610	45.52229113	0.684430494	1.567734268	29.2436547	
28-Mar-24 14:00:00	21.40694963	1	1.531579876	1.575689689	10.90350695	14.31027351	1360.975258	242.6	0.000055	0.015227	3.5821E-06	0.00099503	0.000002	0.0005790	45.19831281	0.440163003	1.531579876	23.32770863	
28-Mar-24 15:00:00	23.24781263	1	1.404348694	1.445197944	4.903603269	13.87918235	1517.850258	251.7	0.000066	0.018430	3.9726E-06	0.00110349	0.000002	0.0005920	48.63822787	0.424732836	1.404348694	10.40190015	
28-Mar-24 16:00:00	22.9044618	1	1.408484018	1.449210443	2.368149158	13.78149094	1564.671815	263.1	0.000070	0.019514	4.0957E-06	0.00113766	0.000002	0.0006113	48.37887044	0.455742021	1.408484018	4.851102607	
28-Mar-24 17:00:00	25.13832903	1	1.389681194	1.412568829	0.2368971	13.37454845	1707.903645	256.6	0.000081	0.022438	4.4706E-06	0.00124183	0.000002	0.0006408	48.43880179	0.454904354	1.389681194	0.450372581	
28-Mar-24 18:00:00	25.15570564	1	1.349791425	1.390612436	0.020225747	13.32001622	1738.332292	184.1	0.000082	0.022853	4.5502E-06	0.00126395	0.000002	0.0006518	48.17871592	0.438043971	1.349791425	0.037135148	
28-Mar-24 19:00:00	22.86015596	1	1.371171519	1.414526985	2.87725089	13.77225349	1568.044792	251.2	0.000067	0.018733	4.1045E-06	0.00114014	0.000002	0.0005872	44.62310679	0.380716798	1.371171519	5.794352683	
28-Mar-24 20:00:00	23.38569282	1	1.363272397	1.402231249	0.794270971	13.4123545	1699.644177	260.1	0.000075	0.020776	4.4405E-06	0.00123347	0.000002	0.0006437	43.4394098	0.363861092	1.363272397	1.458915842	
28-Mar-24 21:00:00	23.31081281	1	1.183860195	1.228840249	0.022361187	13.30236678	1724.659073	260.7	0.000075	0.020742	4.515E-06	0.00125416	0.000002	0.0005672	42.09727958	0.464300099	1.183860195	0.040078368	
28-Mar-24 22:00:00	22.96671873	1	1.097404522	1.135112852	0.008906257	13.30003697	1721.278823	261	0.000074	0.020060	4.5056E-06	0.00125156	0.000002	0.0005247	42.00504929	0.420384254	1.097404522	0.015336055	
28-Mar-24 23:00:00	22.57770047	1	1.081128558	1.124687517	0.004825443	13.28591580	1720.037865	259.9	0.000073	0.020296	4.5023E-06	0.00125065	0.000002	0.0005165	41.21552981	0.414293075	1.081128558	0.00832586	
29-Mar-24 00:00:00	22.1722468	1	1.092734322	1.131597204	0.005850738	13.26716059	1720.696354	261.5	0.000072	0.019935	4.5041E-06	0.00125113	0.000002	0.0005223	40.37664408	0.381449468	1.092734322	0.010679054	
29-Mar-24 01:00:00	22.15866316	1	1.121171969	1.164862443	0.16987556	13.30325738	1704.990875	262.6	0.000071	0.019744	4.483E-06	0.00123972	0.000002	0.0005310	40.65317097	0.376419138	1.121171969	0.316383358	
29-Mar-24 02:00:00	21.17719818	1	1.109401081	1.150208358	0.007458346	13.24486984	1723.097917	265.5	0.000069	0.019079	4.5104E-06	0.00125288	0.000002	0.0005318	38.45204113	0.381184993	1.109401081	0.013672785	
29-Mar-24 03:00:00	20.9630296	1	1.1570747	1.200711869	0.008003542	13.23628045	1724.060208	267.1	0.000068	0.018916	4.5153E-06	0.00125425	0.000002	0.0005544	38.05710714	0.309952536	1.1570747	0.014569084	
29-Mar-24 04:00:00	20.73331606	1	1.172578182	1.214817642	0.002222247	13.23772792	1722.376042	267.2	0.000067	0.018663	4.5085E-06	0.00125235	0.000002	0.0005610	37.61147303	0.303382163	1.172578182	0.004036825	
29-Mar-24 05:00:00	20.45488725	1	1.095034818	1.135867989	0.001736126	13.23764766	1732.928646	266.8	0.000067	0.018525	4.5361E-06	0.00126003	0.000002	0.0005271	37.10607537	0.322793978	1.095034818	0.003165065	
29-Mar-24 06:00:00	20.37623597	1	1.074300435	1.118968531	0.006424984	13.24315343	1727.486538	266.6	0.000066	0.018385	4.5218E-06	0.00125607	0.000002	0.0005156	36.98852722	0.294588603	1.074300435	0.011721934	
29-Mar-24 07:00:00	20.85381929	1	1.193445142	1.235043422	0.120654685	13.26547106	1711.207652	146.7	0.000067	0.018649	4.4792E-06	0.00124423	0.000002	0.0005673	37.97773033	0.333423557	1.193445142	0.222493572	
29-Mar-24 08:00:00	20.99611117	1	1.488057588	1.531458324	9.132534768	14.10899007	1389.511974	175.3	0.000054	0.015027	3.5848E-06	0.00099578	0.000002	0.0005853	43.06881282	0.344152544	1.488057588	19.21350125	
29-Mar-24 09:00:00	21.18074845	1	1.520789864	1.561484352	12.02918405	14.38724618	1288.071811	241	0.000051	0.014258	3.3718E-06	0.00093657	0.000002	0.0005799	44.65596857	0.281064949	1.520789864	25.34825742	
29-Mar-24 10:00:00	21.3507203	1	1.329818125	1.369531287	2.962482531	13.50098923	1627.843749	145.5	0.000065	0.018161	4.2695E-06	0.00118347	0.000002	0.0005993	42.30332645	0.305823088	1.329818125	5.50833171	
29-Mar-24 11:00:00	21.0663408	1	1.499506238	1.665587447	10.67568664	14.27990024	1399.391862	145	0.000053	0.014741	3.506E-06	0.00097388	0.000002	0.0005626	44.28697607	0.406599491	1.499506238	23.15487578	
29-Mar-24 12:00:00	21.24829856	1	1.593602478	1.637906478	13.2718028	14.42416029	1299.31458	151.8	0.000052	0.014429	3.4811E-06	0.00094474	0.000002	0.0005752	45.90808712	0.463759479	1.593602478	28.90085864	
29-Mar-24 13:00:00	21.51080376	1	1.569348943	1.613480529	12.43389785	14.44307959	1302.511455	264.5	0.000053	0.014642	3.4094E-06	0.00094707	0.000002	0.0005676	46.3033612	0.434758091	1.569348943	26.76741783	
29-Mar-24 14:00:00	22.58133892	1	1.427380883	1.469479456	8.454288103	14.237898	1403.548950	260.3	0.000060	0.016664	3.6739E-06	0.00102053	0.000002	0.0005566	47.11875374	0.442441393	1.427380883	18.17919807	
29-Mar-24 15:00:00	23.57032986	1	1.233687557	1.274626786	3.5145311	13.85086858	1537.896812	262.9	0.000068	0.018944	4.0256E-06	0.00111822	0.000002	0.0005270	46.48564505	0.41272094	1.233687557	7.450787432	
29-Mar-24 16:00:00	24.07967894	1	1.133568928	1.174739581	1.676994892	13.72829001	1603.479187	263.7	0.000073	0.020166	4.1946E-06	0.00116517	0.000002	0.0005048	46.63054402	0.376866191	1.133568928	3.501709843	
29-Mar-24 17:00:00	26.10717878	1	1.195920090	1.236146018	0.0159376	13.34661472	1756.205208	261.2	0.000087	0.024044	4.597E-06	0.00127695	0.000002	0.0005834	46.20872714	0.348190971	1.195920090	0.028358322	
29-Mar-24 18:00:00	26.03365012	1	1.150069364	1.189374906	0.009531285	13.33058162	1754.708854	145.8	0.000086	0.023873	4.5931E-06	0.00127586	0.000002	0.0005606	47.80420500	0.337548467	1.150069364	0.01750001	
29-Mar-24 19:00:00	23.12694444	1	1.240859424	1.283498267	5.79029514	14.08313368	1481.573697	264.9	0.000063	0.017544	3.7999E-06	0.00105545	0.000002	0.0005003	47.1645865	0.378190392	1.240859424	12.39314839	
29-Mar-24 20:00:00	23.58920126	1	1.17828115	1.217560788	2.539468836	13.65736983	1610.858609	263.6	0.000072	0.019912	4.2323E-06	0.00117563	0.000002	0.0005292	45.39203398	0.31756311	1.17828115	5.405038842	
29-Mar-24 21:00:00	23.27920588	1	1.067083218	1.109192896	0.006406311	13.28113498	1739.760521	264.5	0.000076	0.021106	4.5539E-06	0.00126409	0.000002	0.0005167	42.47109807	0.297729140	1.067083218	0.011682679	
29-Mar-24 22:00:00	22.35077257	1	1.051952653	1.091519044	0.0020138	13.27356968	1738.00699	259.2	0.000073	0.020278	4.5441E-06	0.00126226	0.000002	0.0005073	40.73638638	0.28128285	1.051952653	0.00367438	
29-Mar-24 23:00:00	22.10378629	1	1.049781875	1.093515642	0.003593782	13.27309038	1731.370052	265.9	0.000072	0.019988	4.532E-06	0.00125889	0.000002	0.0005049	40.28309642	0.207630524	1.049781875	0.00656046	
30-Mar-24 00:00:00	22.11684898	1	1.059081324	1.099149328	0.013437581	13.37582249	1731.08776	143	0.000072	0.020009	4.5313E-06	0.00125880	0.000002	0.0005092	40.3213585	0.335990281	1.059081324	0.024624597	
30-Mar-24 01:00:00	21.68406253	1	1.151814313	1.195178718	3.226545192	13.62057734	1588.526301	175.8	0.000065	0.017865	4.1581E-06	0.00115503	0.000002	0.0005082	41.46583719	0.307371083	1.151814313	6.291620872	
30-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Mar-24 05:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Mar-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF OUT
Stack Name: HRSG_STACK11
Periodically: 0 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Mar-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Mar-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Minimum	0.00	1.00	0.00	1.00	0.00	13.23	1,274.43	141.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	28.38	0.00	1.82	1.73	13.68	20.89	1,756.21	268.20	0.00	0.02	0.00	0.01	0.00	0.00	50.79	0.68	1.82	29.44	
Avg	22.90	1.09	1.21	1.33	3.36	13.80	1,578.93	235.12	0.00	0.02	0.00	0.00	0.00	0.00	43.33	0.08	1.21	7.21	
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Site Name: GULF GUT
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Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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07-Mar-24 23:00:00	20.84232543	0	1.386111085	1.390493514	0.129999942	13.42232859	1758.482813	262.8	0.000068	0.018979	0	0	0.000002	0.0006771	38.37069836	0	1.386111085	0.241568649	
08-Mar-24 00:00:00	19.81594523	0	1.496197611	1.505968329	0.074288254	13.40804905	1747.378906	265.2	0.000066	0.018096	0	0	0.000003	0.0007262	36.76563739	0	1.496197611	0.137828706	
08-Mar-24 01:00:00	19.44450089	0	1.476050194	1.487812911	0	13.40635413	1744.722650	266.2	0.000064	0.017730	0	0	0.000003	0.0007154	36.08748223	0	1.476050194	0	
08-Mar-24 02:00:00	19.33883694	0	1.322187462	1.33010486	0	13.40596295	1747.710188	267	0.000064	0.017663	0	0	0.000002	0.0006419	35.88960775	0	1.322187462	0	
08-Mar-24 03:00:00	18.93898238	0	1.381762189	1.391892781	0	13.40368744	1746.054948	265.8	0.000062	0.017282	0	0	0.000002	0.0006702	35.11700599	0	1.381762189	0	
08-Mar-24 04:00:00	18.69119603	0	1.409366419	1.418724826	0	13.40343748	1751.2	266.4	0.000062	0.017106	0	0	0.000002	0.0006856	34.65645293	0	1.409366419	0	
08-Mar-24 05:00:00	18.47328652	0	1.418715221	1.428160462	0	13.40883239	1747.489583	265.9	0.000061	0.016873	0	0	0.000002	0.0006887	34.28087494	0	1.418715221	0	
08-Mar-24 06:00:00	18.52482661	0	1.465581457	1.476918779	0	13.41870013	1747.629583	265.7	0.000061	0.016919	0	0	0.000003	0.0007115	34.41620687	0	1.465581457	0	
08-Mar-24 07:00:00	18.61081630	0	1.491735681	1.501007221	0	13.42866997	1741.530729	266.5	0.000061	0.016935	0	0	0.000003	0.0007218	34.52330251	0	1.491735681	0	
08-Mar-24 08:00:00	18.59500882	0	1.491218258	1.502175881	0	13.43424484	1743.420945	264.5	0.000061	0.016942	0	0	0.000003	0.0007222	34.52043256	0	1.491218258	0	
08-Mar-24 09:00:00	18.54096364	0	1.455657624	1.46637221	0	13.43454547	1748.244792	266.5	0.000061	0.016948	0	0	0.000003	0.0007074	34.52100326	0	1.455657624	0	
08-Mar-24 10:00:00	18.70318966	0	1.405607647	1.413446736	0	13.43791673	1749.259115	264.8	0.000062	0.017158	0	0	0.000002	0.0006830	35.00665418	0	1.405607647	0	
08-Mar-24 11:00:00	19.66167535	0	1.40622981	1.412541739	0	13.46283212	1749.12474	263.4	0.000065	0.017973	0	0	0.000002	0.0006828	36.74809981	0	1.40622981	0	
08-Mar-24 12:00:00	20.2594531	0	1.358758661	1.366380616	0	13.48690532	1753.533333	262.2	0.000067	0.018506	0	0	0.000002	0.0006618	37.98731976	0	1.358758661	0	
08-Mar-24 13:00:00	20.56594614	0	1.295807218	1.30645745	0	13.49629946	1748.320573	261.7	0.000068	0.018791	0	0	0.000002	0.0006292	38.60677967	0	1.295807218	0	
08-Mar-24 14:00:00	21.15054874	0	1.281006789	1.291224578	0	13.51416667	1766.94974	264.3	0.000070	0.019409	0	0	0.000002	0.0006248	39.80482932	0	1.281006789	0	
08-Mar-24 15:00:00	22.03120644	0	1.276814721	1.284974414	0	13.52973306	1764.56276	260.2	0.000073	0.020317	0	0	0.000002	0.0006257	41.5469146	0	1.276814721	0	
08-Mar-24 16:00:00	22.98759569	0	1.271206842	1.282544018	0	13.55508891	1770.56589	260.8	0.000077	0.021265	0	0	0.000002	0.0006250	43.50278349	0	1.271206842	0	
08-Mar-24 17:00:00	23.67044282	0	1.311449404	1.320813538	0	13.56877173	1767.781719	259.4	0.000078	0.021779	0	0	0.000002	0.0006440	44.86888359	0	1.311449404	0	
08-Mar-24 18:00:00	23.70782986	0	1.297308731	1.306448725	0	13.58002813	1763.78776	263.6	0.000079	0.021853	0	0	0.000002	0.0006358	45.0187024	0	1.297308731	0	
08-Mar-24 19:00:00	22.48845344	0	1.410816214	1.421198583	0.000206336	13.55630065	1763.140885	262.5	0.000074	0.020604	0	0	0.000002	0.0006909	42.57696575	0	1.410816214	0.000390908	
08-Mar-24 20:00:00	20.67630188	0	1.547742751	1.559627079	0	13.47605338	1752.783073	262.3	0.000068	0.018840	0	0	0.000003	0.0007536	38.72440686	0	1.547742751	0	
08-Mar-24 21:00:00	20.46006066	0	1.523940718	1.537561247	0	13.45183698	1745.482604	263.1	0.000067	0.018603	0	0	0.000003	0.0007369	38.18263686	0	1.523940718	0	
08-Mar-24 22:00:00	20.48047531	0	1.376362776	1.386408628	0	13.44649666	1758.476302	264.2	0.000068	0.018600	0	0	0.000002	0.0006715	38.18634375	0	1.376362776	0	
08-Mar-24 23:00:00	20.2145973	0	1.311761782	1.322530776	0	13.44425433	1747.108073	261.9	0.000066	0.018457	0	0	0.000002	0.0006360	37.68605861	0	1.311761782	0	
09-Mar-24 00:00:00	20.05517368	0	1.303281122	1.312944442	0	13.43443363	1748.653906	264.1	0.000066	0.018338	0	0	0.000002	0.0006331	37.33972435	0	1.303281122	0	
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09-Mar-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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09-Mar-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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09-Mar-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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09-Mar-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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09-Mar-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
09-Mar-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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11-Mar-24 16:00:00	23.93243845	0	1.447030974	1.459900658	0.440164208	13.54040681	1770.118229	204.3	0.000079	0.022047	0	0	0.000002	0.0007115	45.02620458	0	1.447030974	0.881288425	
11-Mar-24 17:00:00	23.89374997	0	1.363680457	1.372830774	0	13.45482862	1781.621354	148.7	0.000080	0.022252	0	0	0.000002	0.0006740	44.80787593	0	1.363680457	0	
11-Mar-24 18:00:00	21.91229182	0	1.352769232	1.363203287	7.113659765	14.17583604	1267.826382	143	0.000050	0.013072	0	0	0.000002	0.0004764	43.43198526	0	1.352769232	14.87494098	
11-Mar-24 19:00:00	20.47306432	0	1.384791501	1.394123779	8.349167758	14.22176649	1259.273438	141.7	0.000049	0.013473	0	0	0.000002	0.0004844	42.633774	0	1.384791501	17.50066578	
11-Mar-24 20:00:00	20.80526033	0	1.387308903	1.395486738	10.13701369	14.28142798	1196.390519	142.7	0.000048	0.012883	0	0	0.000002	0.0004610	43.27687861	0	1.387308903	21.37381948	
11-Mar-24 21:00:00	20.9569706	0	1.39678961	1.408578692	11.45029041	14.34956368	1202.30057	143.3	0.000047	0.013108	0	0	0.000002	0.0004662	44.25612686	0	1.39678961	24.33435194	
11-Mar-24 22:00:00	20.95147971	0	1.341770742	1.351092614	9.893315961	14.27869493	1218.090777	143.8	0.000048	0.013337	0	0	0.000002	0.0004540	43.97706216	0	1.341770742	20.44881948	
11-Mar-24 23:00:00	21.1383941	0	1.334487696	1.345512315	10.91215296	14.34784724	1191.342995	144.1	0.000047	0.013181	0	0	0.000002	0.0004416	44.84138436	0	1.334487696	23.17238434	
12-Mar-24 00:00:00	21.0332238	0	1.382577926	1.393151979	11.60364589	14.33117188	1196.208593	150.3	0.000047	0.013138	0	0	0.000002	0.0004586	44.50749224	0	1.382577926	24.62631948	
12-Mar-24 01:00:00	20.98092366	0	1.462396848	1.471432601	11.33710085	14.3253043	1184.981198	256.7	0.000047	0.012965	0	0	0.000002	0.0004814	44.38632454	0	1.462396848	23.48119871	
12-Mar-24 02:00:00	20.41059689	0	1.474869608	1.486380439	4.385803525	13.8011784	1517.210878	266.7	0.000056	0.016164	0	0	0.000002	0.0006210	40.47087868	0	1.474869608	9.179918585	
12-Mar-24 03:00:00	19.00662078	0	1.403212043	1.41125809	0	13.47965709	1755.41875	268.6	0.000063	0.017438	0	0	0.000002	0.0006842	35.80069571	0	1.403212043	0	
12-Mar-24 04:00:00	18.86976669	0	1.404843711	1.41531315	0	13.47383036	1758.518146	268.2	0.000062	0.017311	0	0	0.000002	0.0006843	35.35818802	0	1.404843711	0	
12-Mar-24 05:00:00	18.59262143	0	1.414774313	1.424341039	0	13.45828862	1748.43009	267	0.000061	0.016969	0	0	0.000002	0.0006871	34.72718808	0	1.414774313	0	
12-Mar-24 06:00:00	18.47219823	0	1.442169949	1.450096098	0	13.45045803	1745.296608	269	0.000061	0.016849	0	0	0.000003	0.0006992	34.45811363	0	1.442169949	0	
12-Mar-24 07:00:00	18.67811618	0	1.459409811	1.480182997	0.00025041	13.47179585	1731.182552	269.5	0.000061	0.016809	0	0	0.000003	0.0007060	34.95523966	0	1.459409811	0.000495969	
12-Mar-24 08:00:00	18.82479173	0	1.4561986	1.477300931	0.006423363	13.48720621	1740.908524	256.6	0.000061	0.016946	0	0	0.000003	0.0007191	34.97869782	0	1.4561986	0.012244806	
12-Mar-24 09:00:00	19.94786481	0	1.481338679	1.471299658	4.613541651	13.91720181	1484.296613	144.6	0.000055	0.015306	0	0	0.000002	0.0006925	39.5798382	0	1.481338679	9.281702778	
12-Mar-24 10:00:00	19.85908257	0	1.470737567	1.480048667	6.183124979	13.9830569	1428.727687	145.9	0.000053	0.014829	0	0	0.000002	0.0006837	39.98886119	0	1.470737567	12.0011283	
12-Mar-24 11:00:00	21.2142187	0	1.379188889	1.388817094	8.800815871	14.27666678	1169.059635	145	0.000047	0.013183	0	0	0.000002	0.0004555	44.62036211	0	1.379188889	17.84497705	
12-Mar-24 12:00:00	20.82581602	0	1.403411122	1.414835440	10.7060695	14.32448567	1199.385157	159.7	0.000047	0.013058	0	0	0.000002	0.0004676	44.02312331	0	1.403411122	22.60875709	
12-Mar-24 13:00:00	20.84333323	0	1.450451293	1.460972933	10.93777787	14.35600134	1211.852649	265.6	0.000048	0.013268	0	0	0.000002	0.0004693	44.28466913	0	1.450451293	23.25032216	
12-Mar-24 14:00:00	20.58918858	0	1.498723698	1.510371204	8.928928086	14.26020833	1303.090934	208	0.000050	0.014021	0	0	0.000002	0.0005425	43.11622213	0	1.498723698	18.87985233	
12-Mar-24 15:00:00	20.32324558	0	1.405415549	1.415933093	7.559550597	14.23278744	1337.218749	211.9	0.000051	0.014263	0	0	0.000002	0.0005220	42.38356979	0	1.405415549	16.19612233	
12-Mar-24 16:00:00	20.00815969	0	1.515425044	1.525304058	8.298678439	14.17227002	1330.45677	260.9	0.000050	0.013912	0	0	0.000002	0.0005681	41.37063045	0	1.515425044	17.7224361	
12-Mar-24 17:00:00	19.10070311	0	1.562499776	1.573012219	2.128923678	13.64257391	1645.531771	196.1	0.000059	0.016426	0	0	0.000001	0.0007142	36.63549869	0	1.562499776	4.319269104	
12-Mar-24 18:00:00	20.19587068	0	1.403654404	1.410461818	0.359580324	13.54509179	1583.296438	144	0.000064	0.017766	0	0	0.000002	0.0006583	38.18782031	0	1.403654404	0.707298933	
12-Mar-24 19:00:00	20.7047483	0	1.502388757	1.513211724	10.76647577	14.26103096	1195.61797	260.8	0.000047	0.012957	0	0	0.000002	0.0004990	43.35605456	0	1.502388757	22.672063	
12-Mar-24 20:00:00	20.63441838	0	1.518836567	1.52801044	8.360694474	14.08112198	1330.087781	257.3	0.000052	0.014482	0	0	0.000002	0.0005612	42.62629654	0	1.518836567	17.41981356	
12-Mar-24 21:00:00	18.86880781	0	1.462625815	1.471241697	0.020866021	13.46257984	1726.036877	269.2	0.000061	0.017929	0	0	0.000003	0.0007612	35.25086782	0	1.462625815	0.039682617	
12-Mar-24 22:00:00	19.18305329	0	1.48956715	1.500868806	0.013993076	13.46910699	1774.214323	268.3	0.000062	0.017288	0	0	0.000003	0.0007134	35.89083336	0	1.48956715	0.026530494	
12-Mar-24 23:00:00	19.31748765	0	1.492082924	1.501703457	0.01729701	13.50184669	1725.771615	228.9	0.000063	0.017422	0	0	0.000003	0.0007153	36.30359351	0	1.492082924	0.032669749	
13-Mar-24 00:00:00	19.91852418	0	1.507258965	1.517734471	0.502555815	13.5921701	1705.341406	148.4	0.000064	0.017752	0	0	0.000003	0.0007140	37.91834526	0	1.507258965	0.990565735	
13-Mar-24 01:00:00	19.83402779	0	1.527569563	1.538142722	8.758941063	14.1276693	1387.345258	268.6	0.000052	0.014453	0	0	0.000002	0.0005887	40.94298869	0	1.527569563	18.14818026	
13-Mar-24 02:00:00	19.35409714	0	1.537816631	1.547306782	2.47285484	13.89668245	1601.171352	258.1	0.000058	0.016195	0	0	0.000002	0.0006840	37.62297742	0	1.537816631	5.028188653	
13-Mar-24 03:00:00	18.31056654	0	1.502761843	1.5132379	0	13.46342681	1743.259531	265.1	0.000060	0.016682	0	0	0.000003	0.0007277	34.22374296	0	1.502761843	0	
13-Mar-24 04:00:00	18.35364973	0	1.493931951	1.502513075	0	13.45933063	1738.801560	254.7	0.000060	0.016688	0	0	0.000003	0.0007229	34.27163925	0	1.493931951	0	
13-Mar-24 05:00:00	18.23702250	0	1.540182168	1.560807435	0.003563224	13.47634417	1731.873958	147.5	0.000059	0.016504	0	0	0.000003	0.0007409	34.15629168	0	1.540182168	0.006962364	
13-Mar-24 06:00:00	19.91574856	0	1.610728835	1.621345803	10.24708597	14.17988977	1268.857812	219	0.000048	0.013206	0	0	0.000002	0.0005877	41.23520257	0	1.610728835	21.45731714	
13-Mar-24 07:00:00	19.94229891	0	1.634332667	1.644244957	4.206798064	13.86700092	1528.047137	148.4	0.000058	0.016049	0	0	0.000003	0.0006987	39.40476816	0	1.634332667	8.585680265	
13-Mar-24 08:00:00	19.4463455	0	1.578385247	1.589668194	4.455781271	13.84611723	1528.204425	258.5	0.000056	0.015602	0	0	0.000002	0.0006731	38.41275372	0	1.578385247	0.241747343	
13-Mar-24 09:00:00	20.2666926	0	1.591787938	1.596091976	10.24828142	14.20208604	1263.490663	245.9	0.000048	0.013362	0	0	0.000002	0.0005587	42.07740792	0	1.591787938	21.41063318	
13-Mar-24 10:00:00	18.43701398	0	1.534227392	1.544123308	0.037465322	13.48881047	1746.59161	145.5	0.000061	0.016867	0	0	0.000003	0.0007488	34.58916707	0	1.534227392	0.071902978	
13-Mar-24 11:00:00	20.87622906	0	1.405338544	1.414596526	7.692169097	14.31677089	1239.290724	144.7	0.000048	0.013349	0	0	0.000002	0.0004822	43.03741718	0	1.405338544	18.11159704	
13-Mar-24 12:00:00	20.43736103	0	1.447603963	1.459034949	10.46178838	14.29987449	1196.241145	153.3	0.000046	0.012777	0	0	0.000002	0.0004513	43.01733829	0	1.447603963	23.04787413	
13-Mar-24 13:00:00	20.24993923	0	1.444513814	1.4542624	11.38512162	14.33281041	1206.989627	264.3	0.000046	0.012773	0	0	0.000002	0.0004543	42.86854256	0	1.444513814	24.11578311	
13-Mar-24 14:00:00	20.01309031	0	1.396449518	1.404193192	7.917013913	14.17053648	1365.893229	173.3	0.000051	0.014288	0	0	0.000002	0.0005293	41.38168738	0	1.396449518	16.90875462	
13-Mar-24 15:00:00	20.74559844	0	1.404748344	1.414373578	8.109436251	14.28590701	1268.048568	252	0.000049	0.013750	0	0	0.000002	0.0004943	43.66829833	0	1.404748344	17.28734133	
13-Mar-24 16:00:00	20.81031243	0	1.413908042	1.42283965	1.802621032	13.80700625	1622.962813	160	0.000064	0.017736	0	0	0.000002	0.0006374	40.98103223	0	1.413908042	3.718275418	
13-Mar-24 17:00:00	20.11936643	0	1.302534554	1.310888274	4.424888024	14.08769648	1472.880417	144.6	0.000056	0.015625	0	0	0.000002	0.0005329	41.16561554	0	1.302534554	9.277568052	
13-Mar-24 18:00:00	21.2140884	0	1.268177086	1.276949849	7.987482743	14.35606061	1207.080482	144.3	0.000048	0.013382	0	0	0.000002	0.0004252	45.15060711	0	1.268177086	16.9411686	
13-Mar-24 19:00:00	20.72077259	0	1.298463271	1.307596763	9.533333307	14.35360473	1206.827084	150.1	0.000047	0.013066	0	0	0.000002	0.0004362	43.06681021	0	1.298463271	20.24400656	
13-Mar-24 20:00:00	20.74258678	0	1.308488863	1.317289812	7.785025067	14.230102	1276.277344	144.6	0.000050	0.013835	0	0	0.000002	0.0004632	43.34118122	0	1.308488863	16.36331182	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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25-Mar-24 20:00:00	23.07802085	0	1.473784453	1.484282609	0.487780814	13.51907348	1755.992969	255.5	0.000077	0.021299	0	0	0.000003	0.0007230	43.47077284	0	1.473784453	0.065048260	
25-Mar-24 21:00:00	21.93490906	0	1.283949562	1.291958265	0	13.44839206	1750.628908	258	0.000073	0.020411	0	0	0.000002	0.0006350	40.61785571	0	1.283949562	0	
25-Mar-24 22:00:00	20.67420609	0	1.203993772	1.21357801	0	13.40784206	1775.105729	253.9	0.000069	0.019086	0	0	0.000002	0.0005937	38.17129642	0	1.203993772	0	
25-Mar-24 23:00:00	19.82376915	0	1.205025897	1.212686493	0	13.38969852	1762.766854	264.1	0.000066	0.018261	0	0	0.000002	0.0005900	36.58891336	0	1.205025897	0	
26-Mar-24 00:00:00	19.57430589	0	1.194791194	1.204730747	0	13.38369209	1756.199479	160.3	0.000065	0.017955	0	0	0.000002	0.0005825	38.19827241	0	1.194791194	0	
26-Mar-24 01:00:00	19.58172756	0	1.245755011	1.254609364	5.357066	13.87815976	1458.217707	266.2	0.000054	0.015812	0	0	0.000002	0.0005074	38.89603235	0	1.245755011	11.25846481	
26-Mar-24 02:00:00	18.94019113	0	1.301215353	1.310434347	1.825458289	13.58587509	1682.103384	257.3	0.000059	0.016353	0	0	0.000002	0.0005072	35.09820635	0	1.301215353	3.540486285	
26-Mar-24 03:00:00	18.10720479	0	1.26869808	1.278511278	0	13.37750223	1751.544771	256.2	0.000060	0.016609	0	0	0.000002	0.0006208	33.45790032	0	1.26869808	0	
26-Mar-24 04:00:00	18.15413163	0	1.268811632	1.278405705	0	13.38887203	1763.879187	243.2	0.000060	0.016641	0	0	0.000002	0.0006181	33.50479706	0	1.268811632	0	
26-Mar-24 05:00:00	18.21687517	0	1.314298903	1.324557858	0.118741292	13.43078396	1726.754048	144.1	0.000050	0.016441	0	0	0.000002	0.0006304	33.97368324	0	1.314298903	0.730837139	
26-Mar-24 06:00:00	19.26323783	0	1.370451281	1.379783805	9.04810419	14.13889547	1287.029669	208.7	0.000048	0.012769	0	0	0.000002	0.0004823	39.66491801	0	1.370451281	15.72958877	
26-Mar-24 07:00:00	19.62660173	0	1.401498178	1.411500242	10.51737842	14.17543873	1268.054864	145.1	0.000045	0.012370	0	0	0.000002	0.0004805	40.6755052	0	1.401498178	21.82085885	
26-Mar-24 08:00:00	18.6638544	0	1.485025774	1.495387194	10.69148831	14.13307587	1318.532809	143.7	0.000046	0.012555	0	0	0.000002	0.0005431	38.41846815	0	1.485025774	32.06150093	
26-Mar-24 09:00:00	19.76869788	0	1.452585618	1.461337232	11.28390818	14.20737201	1185.765867	262.3	0.000044	0.012244	0	0	0.000002	0.0004755	41.03307913	0	1.452585618	23.46208758	
26-Mar-24 10:00:00	18.8704753	0	1.385442459	1.396738563	4.254166756	13.74083159	1508.446366	143	0.000055	0.015172	0	0	0.000002	0.0005821	38.78155468	0	1.385442459	8.744943707	
26-Mar-24 11:00:00	19.4688541	0	1.386910975	1.40378072	0.568708869	14.18606468	1289.835678	254	0.000047	0.013124	0	0	0.000002	0.0004988	40.35872548	0	1.386910975	20.00121676	
26-Mar-24 12:00:00	20.08316836	0	1.387586825	1.396849281	3.812690968	13.79232864	1544.256511	199.5	0.000058	0.016288	0	0	0.000002	0.0005952	39.57487629	0	1.387586825	7.971481607	
26-Mar-24 13:00:00	19.50107652	0	1.3282289	1.337934719	2.881961731	13.92824221	1569.771975	258.7	0.000058	0.015998	0	0	0.000002	0.0005792	38.85728847	0	1.3282289	5.521709048	
26-Mar-24 14:00:00	20.18147686	0	1.312135389	1.319679164	0.242187496	13.48243928	1726.304689	257.4	0.000066	0.018207	0	0	0.000002	0.0006292	37.87807838	0	1.312135389	0.496604599	
26-Mar-24 15:00:00	21.4072233	0	1.346276008	1.357066255	0.007138425	13.60090499	1699.991302	254.4	0.000068	0.019015	0	0	0.000002	0.0006357	40.22548093	0	1.346276008	0.014110214	
26-Mar-24 16:00:00	21.00913276	0.03456218	1.336555082	1.348189694	0	13.42865284	1716.410938	261.7	0.000068	0.018845	1.5642E-07	4.3172E-05	0.000002	0.0006373	39.0610188	0.06559477	1.336555082	0	
26-Mar-24 17:00:00	0.212317686	0.762052980	1.32364029	1.335382444	0.025010424	13.54279963	1721.407344	197.1	0.000001	0.000245	3.4337E-06	0.00095382	0.000002	0.0006344	0.525875879	1.448314022	1.32364029	0.058152583	
26-Mar-24 18:00:00	0.071718754	0.581844818	1.409968488	1.422023143	0.058270849	13.45762979	1721.718229	204.9	0.000000	0.000086	2.6222E-06	0.0007284	0.000002	0.0006743	0.135237684	1.068345476	1.409968488	0.078576949	
26-Mar-24 19:00:00	0	0.566243094	1.518775817	1.529713872	7.826680121	14.25837876	1248.683487	258.4	0.000000	-	1.7964E-06	0.00049878	0.000002	0.0005260	0	1.15090785	1.518775817	15.47521750	
26-Mar-24 20:00:00	0.032564584	0.462410242	1.581718884	1.694531578	1.737851348	13.65985685	1654.365667	254.1	0.000000	0.000028	2.0025E-06	0.00055624	0.000003	0.0007315	0.06226081	0.891982006	1.581718884	3.560364924	
26-Mar-24 21:00:00	0.00718148	0.429106697	1.48724808	1.498115904	0	13.47880028	1719.719271	187	0.000000	0.000006	1.9316E-06	0.00053606	0.000003	0.0007105	0.013623876	0.803879607	1.48724806	0	
26-Mar-24 22:00:00	0.170180053	0.424885782	1.403569032	1.414123865	2.479340273	13.87483404	1652.509655	143.5	0.000001	0.000143	1.7817E-06	0.00049491	0.000002	0.0006240	0.325172880	0.838060243	1.403569032	5.110838753	
26-Mar-24 23:00:00	0	0.472743029	1.379962344	1.391120372	10.25579837	14.27253436	1251.587852	142.8	0.000000	-	1.5488E-06	0.00043022	0.000002	0.0004788	0	0.891351335	1.379962344	21.62758179	
27-Mar-24 00:00:00	0	0.489066617	1.378567624	1.387882319	11.26649296	14.78246832	1197.91876	149.2	0.000000	-	1.4677E-06	0.00040768	0.000002	0.0004587	0	0.963409806	1.378567624	23.73250377	
27-Mar-24 01:00:00	0	0.460716939	1.439617932	1.452083829	11.13605882	14.28606803	1167.107813	147.9	0.000000	-	1.4301E-06	0.00039724	0.000002	0.0004747	0	0.987478957	1.439617932	23.4316821	
27-Mar-24 02:00:00	0	0.478242199	1.491455708	1.501719183	10.66486112	14.2414736	1499.228637	264.1	0.000000	-	1.5012E-06	0.00041701	0.000002	0.0004966	0	0.906595568	1.491455708	22.11660046	
27-Mar-24 03:00:00	0.006902903	0.434748247	1.5087932	1.520929217	9.260590211	14.18169333	1348.491664	259.5	0.000000	0.000005	1.5323E-06	0.00042564	0.000002	0.0005643	0.012598716	0.800119857	1.5087932	17.25320637	
27-Mar-24 04:00:00	0	0.393828085	1.516640289	1.528211999	0	13.45968932	1745.376923	300.6	0.000000	-	1.6184E-06	0.00044961	0.000003	0.0007353	0	0.831689989	1.516640289	0	
27-Mar-24 05:00:00	0	0.360626666	1.486726345	1.496366869	0.000139085	13.48060867	1739.28025	162.5	0.000000	-	1.6418E-06	0.00045606	0.000003	0.0007183	0	0.679971847	1.486726345	0.000258579	
27-Mar-24 06:00:00	0	0.419	1.501606758	1.515282472	9.18019094	14.10906891	1321.813501	178.1	0.000000	-	1.4358E-06	0.00039838	0.000002	0.0005513	0	0.855643365	1.501606758	19.21971258	
27-Mar-24 07:00:00	0.000572911	0.41540041	1.575148648	1.586327457	8.130416817	14.07843312	1440.867031	208.4	0.000000	0.000000	1.5871E-06	0.00043529	0.000002	0.0006306	0.001098175	0.848860932	1.575148648	18.87000378	
27-Mar-24 08:00:00	0.001642303	0.362855697	1.448289839	1.46078356	2.00177081	13.66607539	1681.272688	214.1	0.000000	0.000001	1.5973E-06	0.0004437	0.000002	0.0006764	0.003155642	0.703707571	1.448289839	4.082470874	
27-Mar-24 09:00:00	0	0.442452013	1.535433549	1.545700386	8.537499621	14.10878048	1441.032135	300.6	0.000000	-	1.6659E-06	0.00046350	0.000002	0.0006146	0	0.905240219	1.535433549	18.19821081	
27-Mar-24 10:00:00	0.000208336	0.365776859	1.35493081	1.362500471	0.698854254	13.57227433	1721.81278	158.5	0.000000	0.000000	1.6035E-06	0.00044541	0.000002	0.0006400	0.000398229	0.675956324	1.35493081	1.296507647	
27-Mar-24 11:00:00	0	0.442789144	1.473118974	1.633487705	10.77223968	14.28109182	1338.967757	149	0.000000	-	1.4237E-06	0.00039546	0.000002	0.0005026	0	0.927049684	1.473118974	22.68815813	
27-Mar-24 12:00:00	0	0.458359369	1.513402703	1.52313404	10.7829647	14.29926253	1220.638727	156.2	0.000000	-	1.4649E-06	0.00040691	0.000002	0.0005133	0	0.968269176	1.513402703	22.73790633	
27-Mar-24 13:00:00	0	0.45792534	1.375320109	1.386041903	10.23210063	14.33668417	1219.569664	260.1	0.000000	-	1.4618E-06	0.00040607	0.000002	0.0004604	0	0.969802664	1.375329699	21.69791191	
27-Mar-24 14:00:00	0.049991318	0.477647793	1.314105892	1.324587904	7.306668432	14.17916839	1324.881509	287	0.000000	0.000035	1.6558E-06	0.00045995	0.000002	0.0004535	0.095950068	0.992579408	1.314105892	15.68478824	
27-Mar-24 15:00:00	0.000277779	0.314218717	1.261901349	1.27113716	0	13.48525851	1759.068714	253.2	0.000000	0.000000	1.4468E-06	0.0004019	0.000002	0.0006100	0.000519642	0.589172039	1.261901349	0	
27-Mar-24 16:00:00	0.005173811	0.321931374	1.213072739	1.224200914	0	13.45906686	1765.561886	254.9	0.000000	0.000005	1.4878E-06	0.00041329	0.000002	0.0005946	0.009724464	0.601107661	1.213072739	0	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Mar-24 17:00:00	0	0.311793810	1.238367954	1.238900478	0	13.45603863	1763.490385	251.1	0.000000	-	1.4301E-06	0.00038078	0.000002	0.0006017	0	0.582279928	1.238367954	0	
27-Mar-24 18:00:00	0	0.287868879	1.238281262	1.242444853	0.001232847	13.44929472	1753.594271	253.4	0.000000	-	1.3214E-06	0.00038785	0.000002	0.0006032	0	0.556975607	1.238255289	0.002304713	
27-Mar-24 19:00:00	0	0.295401868	1.316508717	1.32723185	0	13.46193362	1745.8125	263.9	0.000000	-	1.3088E-06	0.00036356	0.000002	0.0006365	0	0.535190318	1.316508717	0	
27-Mar-24 20:00:00	0	0.307573749	1.282717075	1.290085821	0	13.44498703	1757.578302	253.6	0.000000	-	1.415E-06	0.00039306	0.000002	0.0006262	0	0.573475068	1.282717075	0	
27-Mar-24 21:00:00	0	0.284179614	1.243012744	1.253571518	0	13.44806026	1765.7125	253.9	0.000000	-	1.3135E-06	0.00036485	0.000002	0.0006097	0	0.520871929	1.243012744	0	
27-Mar-24 22:00:00	0	0.258951702	1.305491721	1.314831359	0	13.46874343	1760.054886	264.2	0.000000	-	1.1878E-06	0.00032995	0.000002	0.0006404	0	0.480511484	1.305491721	0	
27-Mar-24 23:00:00	0	0.316328113	1.408226993	1.420409742	0	13.46391709	1753.578385	262.8	0.000000	-	1.454E-06	0.00040385	0.000002	0.0006909	0	0.581298835	1.408226993	0	
28-Mar-24 00:00:00	0	0.296497393	1.47089911	1.483191403	0	13.44143232	1763.374219	264.2	0.000000	-	1.3686E-06	0.00038016	0.000003	0.0007295	0	0.552505680	1.47085911	0	
28-Mar-24 01:00:00	0	0.308789989	1.449340224	1.460299897	0	13.44332456	1747.28135	265.1	0.000000	-	1.3718E-06	0.00038105	0.000003	0.0007014	0	0.580775892	1.449340224	0	
28-Mar-24 02:00:00	0	0.249136257	1.438281122	1.451042208	0	13.42165444	1750.854427	287.9	0.000000	-	1.1418E-06	0.00031717	0.000003	0.0006995	0	0.462925054	1.438281122	0	
28-Mar-24 03:00:00	0	0.223372358	1.529313861	1.540263453	0	13.41757817	1747.502865	288.6	0.000000	-	1.0218E-06	0.00028382	0.000003	0.0007424	0	0.414936001	1.529313861	0	
28-Mar-24 04:00:00	0	0.226792531	1.563150892	1.575764343	0	13.40853727	1734.202344	288.2	0.000000	-	1.0414E-06	0.00028927	0.000003	0.0007817	0	0.420906801	1.563150892	0	
28-Mar-24 05:00:00	0	0.276006899	1.310538364	1.320330358	0	13.40550568	1742.338719	288.2	0.000000	-	1.2638E-06	0.00035107	0.000002	0.0006358	0	0.512086758	1.310538364	0	
28-Mar-24 06:00:00	0	0.398975682	1.282847287	1.291389476	0	13.40249345	1746.338820	252.2	0.000000	-	1.8238E-06	0.00050661	0.000002	0.0006223	0	0.739553743	1.282847287	0	
28-Mar-24 07:00:00	0	0.400091098	1.390833204	1.401311385	0	13.40308188	1748.175	198.7	0.000000	-	1.8277E-06	0.00050769	0.000002	0.0006742	0	0.741827758	1.390833204	0	
28-Mar-24 08:00:00	0	0.420442698	1.445477381	1.454341152	0.19243054	13.45978482	1724.976846	254.2	0.000000	-	1.8864E-06	0.00052734	0.000002	0.0006926	0	0.786983299	1.445477381	0.380198544	
28-Mar-24 09:00:00	0	0.4592835	1.600624882	1.511640788	7.436211638	13.997207	1443.792188	209.2	0.000000	-	1.848E-06	0.00051361	0.000002	0.0006018	0	0.08878514	1.600624882	15.37141698	
28-Mar-24 10:00:00	0	0.387686621	1.378706351	1.387700104	0.043884183	13.48072045	1739.315365	146.3	0.000000	-	1.7651E-06	0.0004903	0.000002	0.0006061	0	0.722934813	1.378706351	0.085712432	
28-Mar-24 11:00:00	0	0.505860252	1.429211256	1.54306857	11.00891117	14.27763491	1234.407025	143.6	0.000000	-	1.6376E-06	0.00045485	0.000002	0.0004901	0	1.06411293	1.429211256	23.1603165	
28-Mar-24 12:00:00	19.36387185	0.577185837	1.502843248	1.515233481	11.17812705	14.3725983	1303.228666	141.8	0.000044	0.012174	1.8179E-06	0.00050497	0.000002	0.0005023	41.22513066	1.233509487	1.602943248	23.82453807	
28-Mar-24 13:00:00	18.3437005	0.02862865	1.905060567	1.613984875	11.44232639	14.16468169	1203.23964	165.3	0.000044	0.012183	8.0853E-08	2.4869E-05	0.000002	0.0005030	40.14736692	0.058638438	1.905060567	23.797332	
28-Mar-24 14:00:00	18.13948776	0	1.519148975	1.531371701	9.325902854	14.13698142	1295.175869	242.6	0.000047	0.012855	0	0	0.000002	0.0005485	39.33770048	0	1.519148975	19.32484873	
28-Mar-24 15:00:00	20.35359374	0	1.458649063	1.467395590	4.268068676	13.83337247	1498.309114	251.1	0.000058	0.015688	0	0	0.000002	0.0006057	39.47389045	0	1.458649063	8.842872842	
28-Mar-24 16:00:00	20.76038356	0	1.53874964	1.549613558	2.470086888	13.81186850	1564.68875	262.7	0.000061	0.016879	0	0	0.000002	0.0006665	40.83865279	0	1.53874964	5.099331365	
28-Mar-24 17:00:00	21.39737846	0	1.571267036	1.585191324	0.017777764	13.4532981	1730.221094	287.1	0.000070	0.019340	0	0	0.000003	0.0007562	39.95857392	0	1.571267036	0.035027308	
28-Mar-24 18:00:00	21.2953169	0	1.582100318	1.592847729	0	13.40329427	1763.997917	184.5	0.000071	0.019632	0	0	0.000003	0.0007752	39.48474395	0	1.582100318	0	
28-Mar-24 19:00:00	20.09809907	0	1.611944179	1.625938872	3.843777853	13.83584046	1573.909927	287.9	0.000060	0.016530	0	0	0.000003	0.0007048	39.49475318	0	1.611944179	5.849463807	
28-Mar-24 20:00:00	19.97427981	0	1.638463404	1.650703422	0.599704911	13.47030173	1727.851302	252	0.000065	0.017981	0	0	0.000003	0.0007984	37.30003879	0	1.638463404	1.200493443	
28-Mar-24 21:00:00	19.36063836	0	1.468203339	1.478637668	0	13.35816332	1747.793229	250.7	0.000064	0.017084	0	0	0.000003	0.0007128	35.58195525	0	1.468203339	0	
28-Mar-24 22:00:00	19.55608776	0	1.330216458	1.341276791	0	13.36589635	1745.027604	261.2	0.000064	0.017845	0	0	0.000002	0.0006452	36.07970249	0	1.330216458	0	
28-Mar-24 23:00:00	19.01863721	0	1.354296563	1.363325079	0	13.35467693	1751.586979	260.1	0.000063	0.017410	0	0	0.000002	0.0006582	35.03670697	0	1.354291583	0	
29-Mar-24 00:00:00	18.59360721	0	1.381519024	1.372326478	0	13.34031608	1749.164688	260.1	0.000061	0.016997	0	0	0.000002	0.0006615	34.18789876	0	1.381519024	0	
29-Mar-24 01:00:00	18.64834207	0	1.385260407	1.394514429	0.032621513	13.38181679	1724.129427	253.2	0.000060	0.016803	0	0	0.000002	0.0006634	34.48732197	0	1.385260427	0.062618261	
29-Mar-24 02:00:00	17.69174494	0	1.378778099	1.3875302	0	13.33438376	1746.451976	264	0.000058	0.016146	0	0	0.000002	0.0006689	32.60418477	0	1.378778099	0	
29-Mar-24 03:00:00	17.50525038	0	1.437204778	1.448212438	0	13.32692277	1747.230729	266.4	0.000058	0.015984	0	0	0.000003	0.0006975	32.12674842	0	1.437204778	0	
29-Mar-24 04:00:00	17.41452879	0	1.470138815	1.479305736	0	13.32674486	1752.000885	268.2	0.000057	0.015846	0	0	0.000003	0.0007155	31.98182585	0	1.470138815	0	
29-Mar-24 05:00:00	17.3381422	0	1.44558135	1.457188039	0	13.33150525	1758.140104	263.4	0.000057	0.015812	0	0	0.000003	0.0007052	31.84181085	0	1.44558135	0	
29-Mar-24 06:00:00	17.30041157	0	1.416990839	1.426331403	0	13.3357638	1767.635084	259.6	0.000057	0.015803	0	0	0.000002	0.0006919	31.79042805	0	1.416990839	0	
29-Mar-24 07:00:00	17.45798430	0	1.468610775	1.478898139	0.001718757	13.36076749	1737.951198	148.2	0.000057	0.015850	0	0	0.000003	0.0007080	32.18578106	0	1.468610775	0.003224197	
29-Mar-24 08:00:00	18.40749980	0	1.590398921	1.60143249	8.576041869	13.9864487	1303.091147	172.9	0.000045	0.012538	0	0	0.000002	0.0005757	37.13767308	0	1.590398921	17.50884821	
29-Mar-24 09:00:00	18.98714411	0	1.644074207	1.653741636	10.798578	14.10087932	1191.209741	240.9	0.000043	0.011620	0	0	0.000002	0.0005445	38.81387367	0	1.644574207	22.13654028	
29-Mar-24 10:00:00	18.0937873	0	1.584478969	1.595512171	2.454322935	13.54110262	1628.158892	145.9	0.000055	0.015396	0	0	0.000003	0.0007168	34.25284149	0	1.584478969	4.983038504	
29-Mar-24 11:00:00	19.02393257	0	1.524939043	1.631912886	9.862100729	14.14820403	1280.111193	148.5	0.000045	0.012528	0	0	0.000002	0.0005338	39.1709788	0	1.524939043	20.44488306	
29-Mar-24 12:00:00	19.33003465	0	1.470789783	1.481528064	10.82880211	14.2715343	1203.398436	182.4	0.000044	0.012157	0	0	0.000002	0.0004817	40.22903733	0	1.470789783	22.5575831	
29-Mar-24 13:00:00	19.95342982	0	1.352534804	1.365177025	9.13435771	14.224981	1207.043453	253.8	0.000045	0.012587	0	0	0.000002	0.0004535	41.94809954	0	1.352534804	18.94121791	
29-Mar-24 14:00:00	20.28214413	0	1.31373256	1.321981371	5.321232822	14.09113287	1335.006958	259.1	0.000051	0.014151	0	0	0.000002	0.0004872	41.4148032	0	1.31373256	13.19167927	
29-Mar-24 15:00:00	20.62790471	0	1.290346993	1.302040178	3.735381888	13.85676218	1520.488718	259	0.000059	0.016396	0	0	0.000002	0.0005451	40.73311611	0	1.290346993	6.589501038	
29-Mar-24 16:00:00	20.86172733	0	1.228046703	1.237135844	1.722899288	13.77306423	1592.485929	263.3	0.000063	0.017362	0	0	0.000002	0.0005432	40.99837702	0	1.228046703	3.584484816	
29-Mar-24 17:00:00	21.42171001	0	1.32086041	1.33197925	0	13.43492934	1761.833354	251.3	0.000072	0.020004	0	0	0.000002	0.0006595	39.61547208	0	1.32086041	0	
29-Mar-24 18:00:00	22.64895705	0	1.310753868	1.32143305	0	13.44699395	1795.128948	148	0.000076	0.021168	0	0	0.000002	0.0006518	42.33508717	0	1.310753868	0	
29-Mar-24 19:00:00	20.34880288	0	1.211432275	1.221137142	4.806944476	14.01658037	1403.304945	264.5	0.000054	0.014929	0	0	0.000002	0.0004724	41.11825478	0	1.211432275	10.08173028	
29-Mar-24 20:00:00	20.12871889	0	1.262684438	1.274496883	1.888022815	13.85733016	1611.825781	264.3	0.000061	0.016952	0	0	0.000002	0.0005654	38.73901839	0	1.262684438	3.914209871	
29-Mar-24 21:00:00	19.43958802	0	1.277904008	1.287249031	0	13.37159249	1770.83778	264.3	0.000065	0.017990	0	0	0.000002	0.0006288	35.69315478	0	1.277904008	0	
29-Mar-24 22:00:00	18.99084195	0	1.296935319	1.307457348	0	13.36253465	1787.797135	259.9	0.000063	0.017545	0	0	0.000002	0.0006369	35.02923792	0	1.296935319	0	
29-Mar-24 23:00:00	18.58139787	0	1.302030889	1.312874347	0	13.38056787	1796.871354	264.2	0.000062	0.017152	0	0	0.000002	0.0006354	34.44124128	0	1.302030889	0	
30-Mar-24 00:00:00	18.51622411	0	1.324956096	1.333846801	0	13.38630004	1752.324219	143	0.000061	0.017048	0	0	0.000002	0.0006449	34.34910754	0	1.324956096	0	
30-Mar-24 01:00:00	18.47065971	0	1.38789034	1.380044058	3.483697806	13.65973503	1578.700737	176.7	0.000055	0.015240	0	0	0.000002	0.0006090	35.54785282	0	1.38789034	7.167970587	
30-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Minimum	0.00	0.00	1.19	1.20	0.00	13.33	1,184.96	141.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	
Maximum	23.90	0.78	1.64	1.88	11.60	14.37	1,790.18	269.00	0.00	0.02	0.00	0.00	0.00	0.00	45.15	1.45	1.84	24.03	
Avg	15.17	0.10	1.41	1.43	3.47	13.74	1,585.38	224.97	0.00	0.01	0.00	0.00	0.00	0.00	29.58	0.19	1.41	7.27	
sum									0.01		0.00		0.00						
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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11-Mar-24 20:00:00	23.19135443	0	0.481422888	0.584505457	1.523611111	13.90418187	1377.381405	150	**0.000069**	**0.019094**	**0**	**0**	**0.000001**	**0.0001842**	45.94718085	0	0.481422888	3.218192019	
11-Mar-24 21:00:00	20.00300344	0	0.464852243	0.570484953	4.573420215	14.20079645	1030.171518	159.6	**0.000039**	**0.010789**	**0**	**0**	**0.000000**	**0.0001330**	41.50173983	0	0.464852243	9.929177744	
11-Mar-24 22:00:00	20.58263849	0	0.461927029	0.569401425	5.108562484	14.22671225	904.329187	160.4	**0.000039**	**0.010606**	**0**	**0**	**0.000000**	**0.0001276**	42.85947582	0	0.461927029	10.95323334	
11-Mar-24 23:00:00	19.98777778	0	0.44881948	0.563779474	5.393064831	14.22142584	857.4238095	149.2	**0.000033**	**0.009061**	**0**	**0**	**0.000000**	**0.0001081**	41.82917731	0	0.44881948	11.24194124	
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12-Mar-24 18:00:00	23.70721358	0	0.50985045	0.613348559	0.684253386	13.8121181	1393.641404	271.3	**0.000062**	**0.017267**	**0**	**0**	**0.000001**	**0.0001974**	45.502905	0	0.50985045	1.438711969	
12-Mar-24 19:00:00	23.7740971	0	0.51341974	0.619496588	0	13.61813587	1592.292989	259.1	**0.000071**	**0.019784**	**0**	**0**	**0.000001**	**0.0002771**	48.38201233	0	0.51341974	0	
12-Mar-24 20:00:00	23.17666026	0	0.504921503	0.63236184	0.000158342	13.59266061	1574.020833	250.1	**0.000068**	**0.019085**	**0**	**0**	**0.000001**	**0.0002295**	44.08578688	0	0.624921563	0.000799409	
12-Mar-24 21:00:00	22.84524658	0	0.472977387	0.578377212	0.000503465	13.60963058	1549.753126	262	**0.000067**	**0.018505**	**0**	**0**	**0.000001**	**0.0002036**	43.56358322	0	0.472977387	0.000965313	
12-Mar-24 22:00:00	20.89121535	0	0.354001468	0.481150794	3.133334549	14.09141081	1087.170051	144.3	**0.000042**	**0.011651**	**0**	**0**	**0.000000**	**0.0001849**	42.69811616	0	0.354001468	5.572212193	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
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17-Mar-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Mar-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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17-Mar-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
17-Mar-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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26-Mar-24 16:00:00	21.23576381	0	0.784583147	0.889557451	2.630815901	13.98261939	1294.185876	251.7	0.000052	0.014361	0	0	0.000001	0.0002821	42.54147698	0	0.784583147	5.498819647	
26-Mar-24 17:00:00	22.35567706	0	0.924183526	1.035625325	0.884549624	13.61867648	1429.841408	149.8	0.000059	0.016481	0	0	0.000001	0.0003871	42.03313488	0	0.924183526	1.820875457	
26-Mar-24 18:00:00	19.92106777	0	0.908810453	1.0191322	4.616944454	14.31715936	881.9950472	139.6	0.000033	0.009182	0	0	0.000001	0.0002227	42.05879018	0	0.908810453	9.779603857	
26-Mar-24 19:00:00	17.83339403	0	0.992065692	1.101154397	6.717413058	14.0834484	1156.226125	199.5	0.000039	0.010778	0	0	0.000001	0.0003189	38.43175953	0	0.992065692	11.7473904	
26-Mar-24 20:00:00	19.20824128	0	0.916336366	1.027134557	4.147257056	14.10439453	1245.073175	190.3	0.000045	0.012497	0	0	0.000001	0.0003109	39.24657527	0	0.916336366	8.578378658	
26-Mar-24 21:00:00	20.13360246	0	0.876380042	0.984836317	6.830156274	14.34095484	993.8869909	137.7	0.000038	0.010457	0	0	0.000001	0.0002419	42.60952082	0	0.876380042	14.60945882	
26-Mar-24 22:00:00	21.20327258	0	0.888176842	0.795593182	5.009131684	14.48441831	881.109868	141.8	0.000035	0.009764	0	0	0.000001	0.0001684	45.93404238	0	0.888176842	10.8883458	
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Site Name: GULF GUT
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Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Mar-24 21:00:00	22.21370659	0	0.670103933	0.770713759	3.603385243	13.74505737	1535.874739	283.4	**0.000064**	**0.017542**	**0**	**0**	**0.000001**	**0.0002561**	43.07807538	0	0.670103933	1.229807219	
28-Mar-24 22:00:00	21.87545156	0	0.624965878	0.734348729	3.011059035	13.61573358	1549.142738	282.6	**0.000063**	**0.017540**	**0**	**0**	**0.000001**	**0.0002689**	41.36233988	0	0.624965378	0.002024075	
28-Mar-24 23:00:00	20.66564592	0	0.601441074	0.798058163	3.000745531	13.83100482	1545.277665	283.1	**0.000060**	**0.016896**	**0**	**0**	**0.000001**	**0.0002583**	36.50757216	0	0.601441074	0.001431718	
29-Mar-24 00:00:00	19.87182451	0	0.583058188	0.659583353	3.00375725	14.02009118	1307.930985	173.1	**0.000049**	**0.013649**	**0**	**0**	**0.000001**	**0.0002045**	40.10021584	0	0.583058188	6.342936006	
29-Mar-24 01:00:00	22.62973445	0	0.66225566	0.657743814	0.854379851	13.78727661	1486.699219	284.9	**0.000063**	**0.017582**	**0**	**0**	**0.000001**	**0.0002322**	44.19251201	0	0.56225566	1.827814938	
29-Mar-24 02:00:00	21.43374135	0	0.518220415	0.622083386	3.518180851	14.30846576	1010.052242	145.1	**0.000041**	**0.011314**	**0**	**0**	**0.000001**	**0.0001454**	45.24848975	0	0.518220418	7.588815026	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Minimum	17.83	0.00	0.35	0.45	0.00	13.69	957.42	137.70	0.00	0.01	0.00	0.00	0.00	0.00	36.43	0.00	0.35	0.00	
Maximum	23.77	0.00	0.39	1.10	6.80	14.48	1,392.79	271.30	0.00	0.02	0.00	0.00	0.00	0.00	45.90	0.00	0.90	14.01	
Avg	21.24	0.00	0.64	0.76	2.59	13.99	1,248.51	264.50	0.00	0.01	0.00	0.00	0.00	0.00	42.57	0.00	0.54	5.55	
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Site Name: GULF GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2023 00:00-31/3/2023 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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14-Mar-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/3/2023 00:00-01/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Mar-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
14-Mar-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/3/2023 00:00-01/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/3/2023 00:00-31/3/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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26-Mar-24 10:00:00	24.97170144	0.054401043	1.487994907	1.534939349	2.494114289	13.49019098	1815.347395	269.6	0.000078	0.021681	2.7231E-07	7.5641E-05	0.000002	0.0005587	48.86024975	0.120470258	1.487994907	4.889104805	
26-Mar-24 11:00:00	23.51637163	0.109223075	1.636206496	1.603725974	7.600538069	13.85183418	1489.257201	158	0.000065	0.018045	4.1978E-07	0.0001166	0.000002	0.0006265	45.35914289	0.219313642	1.636206496	15.61856195	
26-Mar-24 12:00:00	23.16942595	0.124839338	1.601136946	1.658116407	9.483124932	14.0750001	1259.894064	204.7	0.000056	0.015382	4.1457E-07	0.00011516	0.000002	0.0005643	47.14144954	0.254744708	1.601136946	20.44161938	
26-Mar-24 13:00:00	23.96036453	0.122025886	1.613741413	1.57939284	4.521944621	13.80252179	1497.185198	260.9	0.000067	0.018745	4.7822E-07	0.00013284	0.000002	0.0006296	46.00726971	0.239513151	1.613741413	9.037501296	
26-Mar-24 14:00:00	23.16315009	0.145642313	1.566321081	1.632343064	5.943784629	13.92712483	1408.909377	186.7	0.000061	0.017966	5.4083E-07	0.00015023	0.000002	0.0006128	46.30275372	0.294441789	1.566321081	14.35063484	
26-Mar-24 15:00:00	23.29783849	0.160117136	1.651857589	1.719252196	9.488263788	14.09609363	1253.500842	165.8	0.000058	0.016262	5.0887E-07	0.00014136	0.000002	0.0005752	47.54411126	0.31847104	1.651857589	19.74336912	
26-Mar-24 16:00:00	24.8736026	0.150569885	1.553288978	1.620321067	4.071197749	13.78800184	1480.78053	251.2	0.000069	0.019249	5.8358E-07	0.0001621	0.000002	0.0006389	48.80120088	0.295180749	1.553288978	8.247113088	
26-Mar-24 17:00:00	24.12358048	0.145827253	1.474962415	1.541501563	1.844913338	13.47193585	1634.242708	150.4	0.000074	0.020612	6.2800E-07	0.00017447	0.000002	0.0006006	45.14254907	0.275737819	1.474962415	3.646743074	
26-Mar-24 18:00:00	21.80204848	0.177421821	1.859306838	1.928055488	14.82826743	14.2595681	1153.138495	140.2	0.000047	0.013018	5.3554E-07	0.00014876	0.000002	0.0006068	45.25883283	0.371430692	1.859330088	31.20408813	
26-Mar-24 19:00:00	23.58715277	0.187934609	1.708941624	1.773784542	9.865204993	13.88545837	1341.580211	169.7	0.000057	0.015830	5.8873E-07	0.00016382	0.000002	0.0006338	45.3834862	0.357395235	1.708941624	19.08278296	
26-Mar-24 20:00:00	23.95102443	0.17029495	1.649806835	1.718745349	5.204245153	13.92625832	1387.144532	180.5	0.000063	0.017383	6.187E-07	0.00017186	0.000002	0.0006367	47.7181209	0.340024371	1.649806835	10.48271117	
26-Mar-24 21:00:00	22.79563158	0.181128445	1.811909851	1.87940106	16.82751733	14.18529654	1297.134038	136	0.000052	0.014382	5.0813E-07	0.00014143	0.000002	0.0006076	47.1143957	0.353124431	1.811909851	35.64542545	
26-Mar-24 22:00:00	21.77681079	0.187647539	1.913385422	1.981700088	18.63900786	14.3162401	1129.342059	141.4	0.000048	0.012643	5.5422E-07	0.00015305	0.000002	0.0005867	45.9879816	0.306180847	1.913385422	39.41088442	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodicity: 01/3/2023-00:00-31/3/2023-23:59

Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@(15%O2)	HRSG11_SO2@(15%O2)	HRSG11_Dust (15%O2)	HRSG11_CO@(15%O2)	
							m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%									ppm	ppm	mg/m3	ppm	
27-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Mar-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Mar-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Mar-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Mar-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodicity: 01/3/2023-00:00-31/3/2023-23:59

Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@(15%O2)	HRSG11_SO2@(15%O2)	HRSG11_Dust (15%O2)	HRSG11_CO@(15%O2)	
							m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%									ppm	ppm	mg/m3	ppm	
31-Mar-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Mar-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Mar-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Mar-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-Mar-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	21.80	0.00	1.54	1.21	0.16	13.58	1,128.34	156.05	0.00	0.01	0.00	0.00	0.00	0.00	43.46	0.00	1.14	0.28	
Maximum	27.48	0.16	1.91	1.98	18.54	14.22	1,634.34	286.65	0.00	0.02	0.00	0.00	0.00	0.00	61.91	0.48	1.81	26.42	
Avg	23.58	0.10	1.56	1.63	7.32	13.84	1,210.41	201.91	0.00	0.02	0.00	0.00	0.00	0.00	45.37	0.28	1.38	15.00	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Apr-24 19:00:00	24.32120705	0.075258091	0.796307981	0.926043053	0.056973923	13.27839088	1745.253672	259.3249207	0.000080	0.022163	3.4381E-07	9.5502E-05	0.000001	0.0003850	44.23753367	0.138858642	0.796307981	1.551517844	
03-Apr-24 20:00:00	23.86334801	0.070377298	0.735753238	0.873468597	0.281300121	13.21321487	1732.448187	259.6567067	0.000078	0.021906	3.1915E-07	8.8652E-05	0.000001	0.0003541	43.00898788	0.131081998	0.735753238	0.369908818	
03-Apr-24 21:00:00	23.16283867	0.049123488	0.750011657	0.894810798	0.075519107	13.18150816	1706.637085	254.116272	0.000075	0.020905	2.1963E-07	6.1005E-05	0.000001	0.0003571	41.47824478	0.090069293	0.750011657	0.071981243	
03-Apr-24 22:00:00	21.72931671	0.012553783	0.729478696	0.858610272	0	13.20822144	1727.388985	254.9913035	0.000071	0.019818	5.6783E-08	1.5787E-05	0.000001	0.0003490	38.14816000	0.030233906	0.729478696	0.043735049	
03-Apr-24 23:00:00	22.39115143	0.029440279	0.899157345	1.039019373	0.092806259	13.1564701	1712.137287	257.4028525	0.000072	0.020035	8.1007E-08	2.5448E-05	0.000002	0.0004276	40.06259105	0.040130709	0.899157345	0.018310063	
04-Apr-24 00:00:00	22.43117714	0.002472917	0.836800042	0.978419754	0.225791831	13.20372483	1567.9375	251.9808224	0.000070	0.019436	1.8364E-09	5.0953E-07	0.000001	0.0003854	40.85762819	0.000760633	0.836800042	0.005207896	
04-Apr-24 01:00:00	21.19669233	0.004835443	0.8756984	0.814600045	0	13.18712379	1724.418312	254.0862732	0.000069	0.019102	2.1826E-08	6.0629E-06	0.000001	0.0003217	37.98872375	0.008381427	0.8756984	0	
04-Apr-24 02:00:00	20.73604202	0.002050959	0.809129894	0.948225823	0	13.15422583	1707.854128	265.3468252	0.000067	0.018508	9.1867E-09	2.5408E-06	0.000001	0.0003830	37.10255432	0.042756212	0.809129894	0	
04-Apr-24 03:00:00	21.02875137	0.000712078	0.691319704	0.832202673	0	13.15985467	1737.422729	264.1502675	0.000069	0.019094	4.1255E-07	0.0001148	0.000001	0.0003338	37.65312195	0.183684903	0.691319704	0	
04-Apr-24 04:00:00	21.39030603	0.093816905	0.696935961	0.821668712	0	13.13815061	1751.622589	265.0167775	0.000078	0.019581	4.2924E-07	0.00011923	0.000001	0.0003342	38.19719315	0.163873896	0.696935961	0	
04-Apr-24 05:00:00	21.21415329	0.096705911	0.825885713	0.95365417	0.003623301	13.16099439	1595.412231	264.3521473	0.000068	0.018787	4.2917E-07	0.00011921	0.000001	0.0003880	38.38039063	0.170312536	0.825885713	0.004699309	
04-Apr-24 06:00:00	21.83965363	0.033496974	0.911487043	1.031211853	0.379797041	13.24858858	1669.603027	257.2099268	0.000068	0.018876	1.4639E-07	4.0664E-05	0.000002	0.0004227	39.18358012	0.061470306	0.911487043	0.015990430	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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06-Apr-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 19:00:00	25.84879187	0.069283132	0.979420006	1.134283086	0.098687188	13.24255848	1720.884624	267.5970614	0.000084	0.023374	2.7189E-07	7.5429E-05	0.000002	0.0004652	47.04010391	0.096931368	0.979420306	0.591368027	
06-Apr-24 20:00:00	24.6869006	0.063268622	0.884120027	1.007961015	0.025481891	13.20488943	1702.885425	267.1067505	0.000079	0.021879	1.4523E-08	4.0342E-06	0.000001	0.0004087	44.80012560	0.00696063	0.884120027	0.139196441	
06-Apr-24 21:00:00	23.84875789	0.178010966	0.729117334	0.858451133	0	13.17981066	1736.39634	258.2884094	0.000078	0.021064	8.0626E-07	0.00022396	0.000001	0.0003504	42.8044381	0.330693756	0.729117334	0	
06-Apr-24 22:00:00	22.02118639	0.138734429	0.881844182	1.004780629	1.68216832	13.38149187	1581.30542	235.8258087	0.000065	0.018187	5.7429E-07	0.00015953	0.000001	0.0003786	41.53275209	0.27200982	0.881844182	2.940878868	
06-Apr-24 23:00:00	22.6716404	0.058737219	0.800037973	0.945725669	1.135688457	13.51483825	1587.89897	218.7234956	0.000065	0.018812	2.2898E-07	6.3767E-05	0.000001	0.0003528	42.53868888	0.102828518	0.800037973	2.187534468	
07-Apr-24 00:00:00	18.9310191	0.093311183	0.981197516	1.108608488	16.95147691	14.2418623	1345.434692	165.4920002	0.000048	0.013312	3.2862E-07	9.1284E-05	0.000001	0.0003802	39.35258543	0.191281232	0.981197516	33.19532394	
07-Apr-24 01:00:00	21.5005671	0.084909608	0.765600088	0.912326514	0.093518741	13.18058488	1676.137285	261.0986187	0.000066	0.018901	2.4031E-07	6.6754E-05	0.000001	0.0003582	38.7879683	0.098406338	0.765600088	0.018578513	
07-Apr-24 02:00:00	22.98110389	0.157574864	0.707698882	0.845698714	0.684629297	13.33641243	1648.250185	238.8160884	0.000076	0.019425	5.8028E-07	0.00016097	0.000001	0.0003240	41.32310887	0.258463175	0.707698882	1.376072976	
07-Apr-24 03:00:00	22.74686724	0.11299661	0.863809682	1.015798211	0.844717602	13.39782504	1605.789775	239.6781292	0.000069	0.019088	4.7489E-07	0.00013193	0.000001	0.0003853	42.01481247	0.208884584	0.863809682	1.487169762	
07-Apr-24 04:00:00	20.78428963	0.14807841	1.228672011	1.35773623	7.693892966	14.08976897	1319.171681	154.3509854	0.000052	0.014308	5.1133E-07	0.00014293	0.000002	0.0004502	41.98906944	0.301806216	1.228572011	15.65501031	
07-Apr-24 05:00:00	20.73230899	0.128721908	1.311139226	1.446290917	12.03364702	14.29768848	1280.091875	147.6074056	0.000050	0.013870	4.3132E-07	0.00011981	0.000002	0.0004862	43.65500906	0.266918589	1.311139226	27.07256363	
07-Apr-24 06:00:00	19.37365808	0.156077772	1.469578505	1.59605852	17.20981481	14.22535434	1264.87894	143.6500026	0.000046	0.012774	5.1676E-07	0.00014356	0.000002	0.0005183	40.18436487	0.333754277	1.469578505	38.03031158	
07-Apr-24 07:00:00	21.62564114	0.111630283	1.239837646	1.393192172	9.179329872	14.20864677	1288.887939	148.1091614	0.000052	0.014544	3.7803E-07	0.00010445	0.000002	0.0004432	44.74311829	0.23177365	1.239837646	19.03906138	
07-Apr-24 08:00:00	20.86341338	0.089373822	1.178181062	1.353708783	14.21519758	14.31094548	1270.966064	147.9240112	0.000050	0.013862	3.2728E-07	9.091E-05	0.000001	0.0004160	43.85979149	0.21472531	1.178181062	30.23773683	
07-Apr-24 09:00:00	20.67801039	0.087265813	1.242156287	1.368939967	13.8950604	14.32432157	1271.71068	147.8766479	0.000049	0.013743	2.9046E-07	8.0683E-05	0.000002	0.0004388	43.54945428	0.191875691	1.242156287	29.4886882	
07-Apr-24 10:00:00	20.85988517	0.086922018	1.219054078	1.374418332	13.37170315	14.38439991	1283.039673	151.4814301	0.000050	0.013887	2.8857E-07	8.0157E-05	0.000002	0.0004345	44.10768747	0.169125482	1.219034078	28.60810954	
07-Apr-24 11:00:00	21.73282024	0.0523528	1.217407825	1.3788867	9.38815181	14.33519455	1299.859863	148.4043274	0.000053	0.014763	1.8834E-07	5.2318E-05	0.000002	0.0004306	45.80273193	0.111338895	1.217407823	19.8927384	
07-Apr-24 12:00:00	21.30321732	0.007591883	1.303140998	1.452059879	10.08441734	14.40309742	1255.728271	148.3855301	0.000053	0.014809	2.6048E-08	7.2356E-06	0.000002	0.0004683	45.68444824	0	1.303140998	21.6791442	
07-Apr-24 13:00:00	22.33584023	0.057707813	1.017254949	1.166433049	5.615306424	14.28319981	1363.87793	172.55008	0.000057	0.010920	2.0602E-07	5.7228E-05	0.000001	0.0003654	46.41881681	0.115091727	1.017254949	14.03073883	
07-Apr-24 14:00:00	22.08389091	0.042298789	1.165802966	1.290980604	7.493895981	14.31480408	1351.32019	157.1846245	0.000056	0.015598	1.4061E-07	4.1558E-05	0.000002	0.0004376	45.44925308	0.090744182	1.165802966	15.77828121	
07-Apr-24 15:00:00	29.30316353	0.021352586	0.944783807	1.104807595	0.037952605	13.26560811	1690.483601	255.3858337	0.000091	0.025888	8.4484E-08	2.8248E-05	0.000002	0.0004436	53.18960072	0.035845382	0.944783807	0.14158893	
07-Apr-24 16:00:00	24.18561699	0.14771756	0.955508892	1.099483013	0.401774079	13.53058	1810.315678	231.1432648	0.000073	0.020337	8.2285E-07	0.00017298	0.000002	0.0004274	45.44427872	0.217743429	0.955508892	0.0015815	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Apr-24 17:00:00	26.97325745	0.042537893	1.022801766	1.16822342	0.100069628	13.57361886	1639.694277	330.0183563	0.000079	0.021917	1.83E-07	5.0834E-05	0.000002	0.0004650	48.36846204	0.081736463	1.022801766	0.900019164	
07-Apr-24 18:00:00	26.16881153	0.073360398	1.073736848	1.238912085	1.168200736	13.40686799	1640.264548	331.2954325	0.000081	0.022432	3.1488E-07	8.7463E-05	0.000002	0.0004692	48.97755061	0.133921757	1.073736548	1.902665273	
07-Apr-24 19:00:00	25.58229661	0.058703819	0.989970723	1.138892412	0.124790803	13.33469105	1650.39206	288.2888072	0.000079	0.020926	2.421E-07	6.725E-05	0.000002	0.0004552	46.50521033	0.102089922	0.989970723	0.37834233	
07-Apr-24 20:00:00	24.03808707	0.050158674	0.920428514	1.062758858	0	13.29175949	1653.204712	258.0524541	0.000076	0.021143	2.2104E-07	6.14E-05	0.000002	0.0004304	43.76194427	0.091481077	0.920428514	0.047290819	
07-Apr-24 21:00:00	23.63034621	0.098898899	0.797452588	0.94899339	0	13.27954575	1658.606591	258.1745218	0.000074	0.020483	4.2788E-07	0.00011888	0.000001	0.0003674	42.97404089	0.171460137	0.797452088	0.147082388	
07-Apr-24 22:00:00	22.8032844	0.114971191	0.770054791	0.916977182	0	13.25072289	1715.206078	259.1743462	0.000074	0.020442	5.1819E-07	0.00014338	0.000001	0.0003670	41.32448369	0.206833155	0.770254791	0	
07-Apr-24 23:00:00	22.61882647	0.121311879	0.693258817	0.832652788	0.042788515	13.23053561	1663.194702	258.1314267	0.000070	0.019539	5.2498E-07	0.00014582	0.000001	0.0003184	40.83427811	0.216838738	0.693258817	0.003249892	
08-Apr-24 00:00:00	22.62388479	0.095021054	0.788120872	0.906532679	0.104080029	13.28349041	1655.926387	252.4140015	0.000073	0.020142	4.1988E-07	0.00011666	0.000001	0.0003590	41.58680533	0.158817648	0.768120872	0.32129641	
08-Apr-24 01:00:00	23.02277184	0.05290921	0.732489228	0.884322168	0.123629153	13.25168273	1662.28188	257.2125244	0.000072	0.020012	2.3038E-07	6.3988E-05	0.000001	0.0003364	41.52172318	0.095803839	0.732489238	0.164709985	
08-Apr-24 02:00:00	22.85460499	0.112402573	0.922826138	1.08438059	0.73337294	13.37933785	1622.134888	244.6793516	0.000070	0.019375	4.7727E-07	0.00013258	0.000001	0.0004157	42.1080248	0.207025349	0.922626138	1.325811005	
08-Apr-24 03:00:00	22.60133934	0.012962715	0.851629376	0.994654748	1.161249518	13.46010185	1675.491501	240.9721832	0.000071	0.019790	5.6851E-08	1.5792E-05	0.000001	0.0003984	42.04806302	0.024095077	0.851629376	2.117217302	
08-Apr-24 04:00:00	21.1773262	0.048079977	0.881097488	1.025333762	1.881019373	13.47379217	1618.263329	235.7947996	0.000064	0.017910	2.0449E-07	5.6802E-05	0.000001	0.0003961	39.5266801	0.079941326	0.881097488	3.329665488	
08-Apr-24 05:00:00	23.13024055	0.115430638	1.058576978	1.221651984	1.493227006	13.2138844	1602.45936	242.9464874	0.000070	0.019375	4.8416E-07	0.0001346	0.000002	0.0004710	43.41593933	0.213597938	1.058576978	2.932384328	
08-Apr-24 06:00:00	20.19171333	0.075513851	0.986904383	1.142428957	0	13.16279316	1724.237081	265.9733582	0.000066	0.018185	3.4082E-07	9.4872E-05	0.000002	0.0004727	36.30196236	0.137673348	0.986904383	0	
08-Apr-24 07:00:00	21.20333481	0.16580151	1.312026501	1.442492727	12.99325725	14.91361886	1264.267354	143.6124145	0.000050	0.014010	5.487E-07	0.00015242	0.000002	0.0004068	44.65486401	0.367645991	1.312026501	27.18565184	
08-Apr-24 08:00:00	19.70577756	0.080806212	1.480232258	1.599308014	21.75866316	14.39584186	1249.690236	143.6398813	0.000046	0.012911	2.847E-07	7.3528E-05	0.000002	0.0005078	42.08178329	0.176844808	1.480232258	45.37209702	
08-Apr-24 09:00:00	23.36595126	0.116420687	0.92079097	1.068275325	0.220255546	13.33372031	1677.716084	250.0958781	0.000074	0.020487	5.1127E-07	0.00014202	0.000002	0.0004291	42.5849385	0.213242009	0.92079097	0.742143597	
08-Apr-24 10:00:00	21.02084078	0.094286204	1.312626833	1.477029453	14.74343872	14.40713501	1258.35437	144.5503601	0.000050	0.013804	3.2832E-07	9.0043E-05	0.000002	0.0004825	44.81722541	0.2066843	1.312626833	31.43744278	
08-Apr-24 11:00:00	21.85560814	0.046943826	0.997420728	1.171612382	5.060796738	14.5793314	1465.424927	181.1706543	0.000060	0.016015	1.8774E-07	5.215E-05	0.000001	0.0004060	43.84793001	0.089307845	0.997420728	10.26536846	
08-Apr-24 12:00:00	22.63088128	0.073429795	1.30445528	1.441713929	10.72276182	14.45685808	1273.86918	141.5645447	0.000054	0.015008	2.4518E-07	6.8107E-05	0.000002	0.0004818	45.85943909	0.168011079	1.30445528	22.55166364	
08-Apr-24 13:00:00	28.83717348	0.063320721	0.987013717	1.104490819	0.085247818	13.28342773	1718.751485	262.1083843	0.000087	0.024166	3.0737E-07	8.5382E-05	0.000002	0.0004617	46.71413422	0.126371254	0.987013717	0.222670913	
08-Apr-24 14:00:00	27.46008166	0.072229229	1.103364944	1.252450874	0.025834974	13.28484222	1753.036409	265.7405326	0.000091	0.025176	3.3144E-07	9.2067E-05	0.000002	0.0005373	50.01082911	0.143985008	1.103364944	0	
08-Apr-24 15:00:00	27.95773315	0.178926882	1.181717187	1.320631148	0	13.33320435	1737.474854	263.1641235	0.000091	0.025313	8.1143E-07	0.0002254	0.000002	0.0005087	51.21038007	0.327827532	1.181717187	0.135832291	
08-Apr-24 16:00:00	29.00331116	0.188330849	1.142473102	1.293452001	0.181802946	13.29340649	1742.292725	259.6984568	0.000095	0.026409	7.2298E-07	0.00020058	0.000002	0.0005529	52.84162921	0.285410008	1.142473102	0.003908377	
08-Apr-24 17:00:00	26.44534874	0.058453845	1.176612569	1.328704144	0	13.34798382	1711.11458	259.2921045	0.000085	0.023649	2.6271E-07	7.2975E-05	0.000002	0.0005588	48.52828891	0.116169848	1.176612569	0.04124288	
08-Apr-24 18:00:00	22.49590792	0.139449032	1.390119076	1.544354061	11.71978716	14.49799529	1261.903867	143.1076491	0.000053	0.014835	5.2887E-07	0.0001463	0.000002	0.0004873	48.00300091	0.33969740	1.390119076	25.50876236	
08-Apr-24 19:00:00	25.3745318	0.082525035	1.003088182	1.159910917	2.066842601	13.27102552	1738.33944	254.1493225	0.000083	0.022087	2.8433E-07	7.8981E-05	0.000002	0.0004535	45.96504297	0.114826069	1.003088182	0.113047831	
08-Apr-24 20:00:00	23.91400337	0.009524042	1.020034972	1.179592231	6.347382587	14.34629269	1392.072681	151.6926722	0.000058	0.016155	3.2226E-08	8.9514E-06	0.000001	0.0003695	50.62081794	0.020855019	1.020034972	13.2718609	
08-Apr-24 21:00:00	24.32581665	0.02160039	0.854488834	1.000134823	0	13.27300153	1729.181011	254.1528611	0.000079	0.021905	9.7768E-08	2.7158E-05	0.000002	0.0004885	44.17087558	0.042182831	0.854458834	0	
08-Apr-24 22:00:00	21.80142869	0.00798571	0.887306809	1.018299039	0	13.24852868	1714.745117	260.9535458	0.000078	0.021190	3.575E-08	9.9296E-06	0.000002	0.0004226	42.72008092	0.01439527	0.887306809	0	
08-Apr-24 23:00:00	20.07883806	0.10127379	0.856580207	1.101962026	5.689587074	13.99220344	1420.727905	181.4243164	0.000054	0.014908	3.7062E-07	0.00010482	0.000001	0.0003771	40.35431731	0.204592485	0.958600207	11.19914827	
09-Apr-24 00:00:00	21.79198801	0.071815547	1.323582384	1.46113811	13.76652377	14.41184095	1258.373535	143.9732666	0.000053	0.014793	2.4248E-07	6.7349E-05	0.000002	0.0004755	48.21382917	0.102384438	1.323582384	29.44130135	
09-Apr-24 01:00:00	21.82901001	0.134189755	0.799761891	0.945891659	0	13.21672942	1737.151685	265.4912109	0.000071	0.019617	6.1918E-07	0.00016949	0.000001	0.0003850	39.38576126	0.234941317	0.799761891	0	
09-Apr-24 02:00:00	22.09181459	0.09920378	0.782283833	0.919358354	0.02706817	13.1970787	1758.916382	265.0485571	0.000073	0.020387	4.5875E-07	0.00012987	0.000001	0.0003856	39.74673617	0.178562151	0.789253833	0	
09-Apr-24 03:00:00	19.85232598	0.054690443	1.120068876	1.261489153	12.25892307	14.18560205	1300.843262	159.4987335	0.000048	0.013381	1.8891E-07	5.1018E-05	0.000001	0.0004047	40.58722877	0.11858048	1.120068876	25.38007937	
09-Apr-24 04:00:00	21.50369635	0.152878702	1.337284445	1.489449807	12.98890736	14.32790081	1271.984497	143.0591888	0.000051	0.014295	5.0881E-07	0.00014139	0.000002	0.0004725	45.31103734	0.322126538	1.337284445	27.37599017	
09-Apr-24 05:00:00	21.2401123	0.093852719	1.457506986	1.638913631	14.42480447	14.37437534	1254.688577	144.0276337	0.000051	0.014048	3.1007E-07	8.6131E-05	0.000002	0.0005226	45.04184803	0.198858097	1.487506986	30.87887955	
09-Apr-24 06:00:00	21.2069176	0.022973191	1.431801505	1.571490049	15.00457954	14.38262608	1263.081909	144.555839	0.000050	0.013907	7.5383E-08	2.0931E-05	0.000002	0.0004983	44.97819029	0.048938025	1.431501508	31.7236834	
09-Apr-24 07:00:00	21.58640829	0.105462298	1.488472607	1.625196503	13.96934995	14.3526738	1265.530917	143.3248291	0.000051	0.014276	3.4938E-07	9.7045E-05	0.000002	0.0005226	45.63782501	0.232817426	1.488472607	29.3645768	
09-Apr-24 08:00:00	21.03494644	0.013716489	1.610040426	1.761944277	16.9132843	14.33970364	1266.143799	143.9088428	0.000051	0.014139	4.6178E-08	1.2827E-05	0.000002	0.0005752	44.2231836	0.022846943	1.610040426	34.75131228	
09-Apr-24 09:00:00	22.28365362	0.051838139	0.987939	1.138310669	0.08764066	13.22703171	1696.602539	257.2659912	0.000071	0.019740	2.7462E-07	7.6284E-05	0.000002	0.0004656	40.20301819	0.111348823	0.987939	0.190427443	
09-Apr-24 10:00:00	22.35609654	0.133887383	0.867421007	1.011431098	0	13.2209177	1701.903774	264.3736694	0.000072	0.019909	5.971E-07	0.00016585	0.000001	0.0004109	40.34416438	0.241596243	0.867491097	0	
09-Apr-24 11:00:00	22.92308137	0.007086351	0.857365259	1.008270091	0	13.16297713	1706.75354	261.8180037	0.000074	0.020471	3.438E-08	9.5499E-06	0.000001	0.0004093	41.09132385	0.013824509	0.857365259	0	
09-Apr-24 12:00:00	24.92527199	0.064585386	0.921432972	1.073902959	0	13.21008489	1702.381348	260.7346581	0.000080	0.022175	2.8814E-07	8.0216E-05	0.000002	0.0004357	44.92581177	0.117030524	0.921432972	0	
09-Apr-24 13:00:00	25.63241126	0.095237552	0.975091514	1.041447382	0	13.2505845	1742.108445	263.803494	0.000084	0.023337	4.3427E-07	0.00012063	0.000002	0.0004243	46.43511798	0.166728642	0.978091814	0	
09-Apr-24 14:00:00	25.94729462	0.06882609	0.859138701	1.009902596	0	13.30003282	1778.748764	262.5670775	0.000085	0.023722	3.201E-07	8.8919E-05	0.000002	0.0004245	46.8821669	0.07645892	0.859138701	0	
09-Apr-24 15:00:00	25.69158638	0.158306075	0.928834404	1.096022625	0	13.22924629	1797.841919	260.2440186	0.000083	0.022937	7.01E-07	0.00019472	0.000002	0.0004397	46.76593675	0.286696606	0.928834404	0	
09-Apr-24 16:00:00	25.30250473	0	0.848708128	1.009139517	0	13.29798321	1727.13208	251.6001892	0.000082	0.022839	0	0	0.000001	0.0004072	45.89441299	0	0.848708128	0	
09-Apr-24 17:00:00	26.0191612	0.115592216	0.923953096	1.077716518	0.148738255	13.32034016	1642.68695	242.2384949	0.000080	0.022337	5.0107E-07	0.00013918	0.000002	0.0004218	47.33200173	0.205838597	0.925953098	0.046500344	
09-Apr-24 18:00:00	21.39431	0.010426802	1.359454632	1.506107092	16.91374589	14.45527549	1281.508104	142.306778	0.000051	0.014185	3.4411E-08	9.5585E-06	0.000002	0.0004784	45.05138931	0.022114217	1.359454632	33.62463379	
09-Apr-24 19:00:00	20.58016575	0.000474037	1.091853028	1.245488533	0	13.24085331	1693.135132	260.9336548	0.000075	0.020845	3.1008E-09	5.8358E-07	0.000002	0.0005136	42.97079111	0.000351046	1.091853023	0.16694358	
09-Apr-24 20:00:00	20.24665977	0.126522915	1.437135935	1.586282515	10.77686891	14.17015602	1318.663718	163.2058937	0.000050	0.013853	4.3787E-07	0.00012141	0.000002	0.0005264	41.58365895	0.249845891	1.437135935	21.44912864	
09-Apr-24 21:00:00	20.9716015	0.059433196	1.111106015	1.256992658	0	13.252736	1717.276078	264.7787889	0.000074	0.020818	2.8718E-07	7.4211E-05	0.000002	0.0005300	41.63277054	0.107330188	1.111109018	0.044528126	
09-Apr-24 22:00:00	21.18697732	0.072479283	1.381252837	1.526805793	9.238697388	14.23516178	1299.098169	147.4555064	0.000052	0.014384	2.4884E-07	6.861E-05	0.000002	0.0005024	44.020187	0.150687858	1.381252837	19.30871468	
09-Apr-24 23:00:00	23.11415487	0.118350208	0.982435436	1.134838681	4.761571673	14.07581382	1434.295688	185.7651387	0.000062	0.017329	4.4431E-07	0.00012342	0.000001	0.0003914	45.5839035	0.249700338	0.982435438	9.6516131	
10-Apr-24 00:00:00	20.85906281	0.07081328	1.463709384	1.598072912	16.57904341	14.41932583	1271.70185	143.7958374	0.000050	0.013038	2.3508E-07	6.5294E-05	0.000002	0.0005135	44.78214254	0.1483113	1.458739364	35.71615234	
10-Apr-24 01:00:00	22.55136681	0.130815538	0.827125847	0.948815167	0.051449038	13.17245007	1720.627148	288.286377	0.000073	0.020281	5.8834E-07	0.00016343	0.000001	0.0003954	40.44271851	0.284691317	0.827125847	0.103021011	
10-Apr-24 02:00:00	22.21872988	0.141286482	0.68032579	1.013881207	0	13.15837779	1783.803149	282.901001	0.000075	0.020766	6.5953E-07	0.0001832	0.000002	0.0004265	38.74815479	0.252683418	0.86802579	0.008544582	
10-Apr-24 03:00:00	18.65817561	0.061499708	0.933995724	1.058941857	6.535308533	13.76872363	1582.881132	230.0986297	0.000058	0.015431	2.1335E-07	5.9265E-05	0.000001	0.0004180	36.23582077	0.106002201	0.933995724	13.75327359	
10-Apr-24 04:00:00	20.59993367	0.143475635	1.392032027	1.534988973	17.89842033	14.37022018	1252.229736	142.7412262	0.000048	0.013286	4.6278E-07	0.00012866	0.000002	0.0004785	43.77688509	0.304883748	1.392032027	37.95605459	
10-Apr-24 05:00:00	20.84485168	0.143529311	1.487296081	1.624848544	15.59372016	14.32828808	1260.143799	142.8479919	0.000049	0.013598	4.7344E-07	0.00013161	0.000002	0.0005136	43.50048066	0.300932971	1.487296081	33.2243576	
10-Apr-24 06:00:00	22.47046185	0.129291594	1.462736067	1.598564427	9.442378995	14.20229721	1272.741089	147.2498322	0.000054	0.014913	4.3074E-07	0.00011965	0.000002	0.0005171	46.34980387	0.271473778	1.462736067	19.03072367	
10-Apr-24 07:00:00	20.91081829	0.120800734	1.661098347	1.85029008	15.7381902	14.35418465	1248.254404	143.5115051	0.000049	0.013864	3.9406E-07	0.00010946	0.000002	0.0005378	44.02554929	0.192375779	1.661098347	33.04444504	
10-Apr-24 08:00:00	20.68960217	0.008614219	1.400650474	1.539400816	18.17328401	14.32891273	1281.013672	140.719152	0.000050	0.013891	2.2176E-08	6.1607E-06	0.000002	0.0005005	47.59055298	0	1.400650474	34.05574359	
10-Apr-24 09:00:00	18.73909407	0.145241595	1.240457177	1.383350811	8.799577713	13.81653404	1489.302368	193.6849609	0.000052	0.014587	5.6821E-07	0.00015726	0.000002	0.0005132	38.03057214	0.286012024	1.240457177	13.28016132	
10-Apr-24 10:00:00	20.80921147	0.19627813	1.410531044	1.587748904	15.9725958	14.36037977	1241.390812	144.4645912	0.000049	0.013408	6.3777E-07	0.00017716	0.000002	0.0004884	44.03901572	0.408289661	1.410531044	33.84116184	
10-Apr-24 11:00:00	23.08710092	0.054732486	0.920431674	1.000888287	0.083774909	13.30468777	1627.583496	254.3028259	0.000071	0.019621	2.3165E-07	6.416E-05	0.000001	0.0004181	42.09027481	0.102060126	0.920431674	3.087003797	
10-Apr-24 12:00:00	22.70785369	0.111447868	1.193837782	1.334953372	11.4405482	14.37804237	1253.118052	144.9930341	0.000053	0.014631	3.5971E-07	9.9925E-05	0.000001	0.0004033	48.20909339	0.233787774	1.193837782	24.10131415	
10-Apr-24 13:00:00	23.6410408	0.133819802	0.889001269	1.004092693	0.185272178	13.34334067	1630.138016	251.0178434	0.000075	0.020758	5.8786E-07	0.00016324	0.000001	0.0004056	43.33311482	0.245268971	0.889001269	0.411373815	
10-Apr-24 14:00:00	23.63053894	0.083418037	0.949119277	1.10088908	1.216999361	13.74228475	1540.489158	225.944586	0.000073	0.020284	2.2938E-07	6.3718E-05	0.000002	0.0004727	45.71882249	0.173889801	0.949119277	3.522404316	
10-Apr-24 15:00:00	25.33609773	0.118285738	1.032479525	1.202998062	0.374462817	13.35719704	1680.244456	260.8853103	0.000080	0.022337	5.2232E-07	0.00014509	0.000002	0.0004838	48.61706069	0.215869796	1.032479525	0.440239835	
10-Apr-24 16:00:00	26.85530807	0.110474383	1.042378399	1.179873468	0.28829577	13.46599615	1657.042847	253.604167	0.000084	0.023239	4.7916E-07	0.0001331	0.000002	0.0004798	50.1490804	0.17016919	1.042378399	0.539700806	
10-Apr-24 17:00:00	24.82127876	0.228280252	0.97038269	1.133217098	0.180521145	13.30358039	1684.480885	254.7316879	0.000078	0.021875	1.0098E-06	0.00028042	0.000002	0.0004541	44.90471849	0.413562812	0.97038269	0.117460613	
10-Apr-24 18:00:00	21.95275983	0.042242322	1.410989642	1.575872303	14.58579884	14.46092279	1278.881133	143.6172437	0.000052	0.014378	1.406E-07	3.9028E-05	0.000002	0.0004080	48.85010966	0.098323114	1.410989642	32.16518449	
10-Apr-24 19:00:00	18.93351585	0	1.081338325	1.233336687	11.25848709	14.70814328	1413.834592	191.2500916	0.000060	0.017988	0	0	0.000002	0.0004246	38.62372589	0	1.081338325	23.25669014	
10-Apr-24 20:00:00	22.33932765	0.056588079	0.918857098	1.083651581	0.068847258	13.21607562	1716.193359	261.1556201	0.000072	0.020050	2.5133E-07	6.981E-05	0.000002	0.0004385	40.38168889	0.122074204	0.918857098	0.081467454	
10-Apr-24 21:00:00	23.86342769	0.042007416	0.891740561	1.035176277	0.122784037	13.2278758	1701.842896	260.6702881	0.000076	0.021215	1.8753E-07	5.2022E-05	0.000002	0.0004218	43.08260346	0.083467774	0.891740561	0.068300179	
10-Apr-24 22:00:00	23.45880123	0.111307204	0.810305305	1.049513817	0.791772757	13.40687303	1647.612939	249.1304548	0.000073	0.020195	4.8601E-07	0.00013324	0.000001	0.0004165	43.30411546	0.203694016	0.810305305	1.189280889	
10-Apr-24 23:00:00	21.46062357	0.236307412	0.884543428	1.043247455	0.090006827	13.24925137	1674.841577	262.9852905	0.000065	0.018785	1.0336E-06	0.00028787	0.000001	0.0004161	38.89121243	0.419025365	0.884543428	0.208815824	
11-Apr-24 00:00:00	18.69299942	0.088539866	1.04833149	1.190014243	7.073195411	13.84091169	1104.75847	185.3718872	0.000053	0.014853	3.8931E-07	0.00010814	0.000002	0.0004382	38.81026001	0.194138796	1.04833149	13.82627942	

Site Name: GULF DUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Apr-24 01:00:00	21.21951809	0.218701365	0.890188352	1.03748821	0.181591829	13.26500774	1694.480206	319.4031372	0.000068	0.018868	8.7449E-07	0.00027069	0.000002	0.0004152	38.47704315	0.398801794	0.890188352	0.48465373	
11-Apr-24 02:00:00	22.95330238	0.175032585	0.928816285	1.087451264	0.590526083	13.3076582	1657.901831	253.1082775	0.000072	0.019683	7.8201E-07	0.00021187	0.000002	0.0004276	41.20531081	0.37100268	0.928813085	1.121049454	
11-Apr-24 03:00:00	22.13359225	0.135897475	1.259720164	1.32608254	12.69905281	14.31881714	1254.352051	149.2602907	0.000052	0.014509	4.4949E-07	0.00012486	0.000002	0.0004368	45.16594848	0.183534458	1.259720164	26.84170306	
11-Apr-24 04:00:00	21.09293558	0.197985325	1.483827472	1.631039619	17.47816198	14.3508758	1247.920834	145.9950938	0.000048	0.013760	6.4488E-07	0.00017881	0.000002	0.0005123	44.59187356	0.419582616	1.483827472	36.99473563	
11-Apr-24 05:00:00	20.67373881	0.0931364	1.504045869	1.744016171	27.90324196	14.338974	1239.519257	143.0381481	0.000047	0.013003	3.0219E-07	8.394E-05	0.000002	0.0005523	43.34688385	0.198988765	1.504045869	50.55857597	
11-Apr-24 06:00:00	20.49430847	0.188789422	1.025575757	1.166653466	0.473159206	13.24481079	1673.225342	280.2181295	0.000064	0.017916	6.8532E-07	0.00016814	0.000002	0.0004764	37.10497865	0.380916888	1.025575757	0.758622408	
11-Apr-24 07:00:00	21.33887846	0.04897787	1.29838264	1.431952626	15.15445925	14.3380157	1332.010791	144.1239014	0.000049	0.013741	1.5799E-07	4.3885E-05	0.000002	0.0004444	45.30962087	0.098162152	1.29838264	32.20933197	
11-Apr-24 08:00:00	20.97208118	0.084912725	1.435266972	1.588958149	18.93387784	14.35812865	1220.52417	143.985872	0.000048	0.013377	2.7128E-07	7.5356E-05	0.000002	0.0004868	44.38102975	0.198460774	1.435266972	39.39909412	
11-Apr-24 09:00:00	19.27173233	0.144525756	1.05010438	1.130914273	7.640513244	13.87871693	1473.808634	192.3079766	0.000053	0.014842	5.5747E-07	0.00015485	0.000002	0.0004298	37.9170723	0.288111597	1.05010438	13.53875908	
11-Apr-24 10:00:00	21.25384504	0.0991792	1.505260706	1.670153618	17.32628523	14.4030367	1258.419566	144.3940887	0.000050	0.013878	3.267E-07	9.075E-05	0.000002	0.0005262	45.31093979	0.233526673	1.505260706	36.55784332	
11-Apr-24 11:00:00	21.9812049	0.119028804	1.56660766	1.725593836	12.49879069	14.38034371	1249.19812	145.1223755	0.000052	0.014350	3.8925E-07	0.00010811	0.000002	0.0005398	46.59367386	0.253816214	1.56660766	26.36498642	
11-Apr-24 12:00:00	21.68799184	0.104209061	1.487830248	1.63670871	15.71967597	14.44202385	1251.686523	143.693465	0.000051	0.014174	3.4143E-07	9.4842E-05	0.000002	0.0005172	46.45733764	0.221002674	1.487830248	33.800021	
11-Apr-24 13:00:00	23.61520622	0.000698785	1.358904958	1.504441738	8.3874964	14.33816022	1399.961948	142.1137695	0.000057	0.015921	2.3251E-09	6.4602E-07	0.000002	0.0004869	49.82600203	0.001464929	1.358904958	17.58317375	
11-Apr-24 14:00:00	23.21230657	0.042723306	1.181621582	1.345710475	10.19865582	14.4209699	1329.190063	151.4030457	0.000058	0.016124	1.4885E-07	4.1291E-05	0.000002	0.0004363	49.56536668	0.001712302	1.181621582	21.85880026	
11-Apr-24 15:00:00	22.43761253	0.001582004	1.245069545	1.407027721	12.78779596	14.49349689	1271.106323	143.3339996	0.000054	0.014905	5.2637E-09	1.4621E-06	0.000002	0.0004396	48.47160701	0.001528617	1.245069545	27.80712242	
11-Apr-24 16:00:00	22.82705792	0.011884482	1.283341169	1.445441604	14.57154478	14.50187778	1261.084473	142.9049835	0.000053	0.014847	3.925E-08	1.0897E-05	0.000002	0.0004496	48.74034682	0.046910885	1.283341169	31.28676114	
11-Apr-24 17:00:00	22.90955924	0.020908738	1.288273656	1.446759562	13.12510002	14.47903784	1290.704468	141.2844086	0.000055	0.015334	6.8753E-08	1.0098E-05	0.000002	0.0004578	49.37882906	0.044890705	1.288273656	28.9372487	
11-Apr-24 18:00:00	22.15318205	0.012599072	1.294481674	1.435820103	13.00348104	14.46609637	1268.793579	143.1168865	0.000053	0.014669	4.1844E-08	1.1623E-05	0.000002	0.0004582	47.59339905	0.00378842	1.294481674	28.13302628	
11-Apr-24 19:00:00	22.49508841	0	1.092438102	1.259319006	13.17780876	14.43405435	1306.776489	152.2041321	0.000055	0.015383	0	0	0.000001	0.0003865	48.16368321	0	1.092438102	28.15234589	
11-Apr-24 20:00:00	24.89097786	0	1.034258842	1.193827609	0.075844629	13.27701157	1701.824902	262.4118652	0.000080	0.022134	0	0	0.000002	0.0004888	45.2858577	0.003338237	1.034258842	0.085797366	
11-Apr-24 21:00:00	22.34214783	0.000626227	1.051765561	1.200040387	0.0291511	13.19521141	1697.169879	263.5623376	0.000071	0.019818	3.5905E-09	9.9737E-07	0.000002	0.0004858	40.18982997	0.000526077	1.051765561	0.113250881	
11-Apr-24 22:00:00	21.71208409	0.001742519	1.040583703	1.179095818	0.002533848	13.2012888	1696.90084	263.5943604	0.000069	0.019276	7.749E-09	2.1525E-06	0.000002	0.0004911	39.09307125	0.001442053	1.040583703	0.140399254	
11-Apr-24 23:00:00	22.60066041	0.121538587	0.697166058	0.841311634	0	13.13117109	1729.913815	261.5346375	0.000073	0.020342	5.5038E-07	0.00015288	0.000001	0.0003250	40.24427414	0.217432916	0.697166058	0.08388358	
12-Apr-24 00:00:00	22.52091408	0.090800098	0.828440785	0.967351971	0.538835513	13.33479691	1635.386306	239.5680542	0.000069	0.019248	3.887E-07	0.00010797	0.000001	0.0003763	41.28102063	0.1683396	0.828440788	0.716222066	
12-Apr-24 01:00:00	20.36493874	0.178005427	0.829190871	0.973068327	0.002281371	13.19757943	1741.297807	265.9381714	0.000067	0.018532	8.1545E-07	0.00022651	0.000001	0.0004011	36.47924207	0.323458206	0.829190871	0.075724743	
12-Apr-24 02:00:00	21.36382866	0.123428381	1.258505454	1.401241183	15.13236193	14.34263815	1239.779053	139.1918378	0.000050	0.013847	4.0186E-07	0.00011163	0.000002	0.0004369	45.1048851	0.256746336	1.258505454	31.76786332	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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18-Apr-24 15:00:00	28.19486283	0.115285332	1.073499752	1.225723385	0.880306707	13.33594383	1794.30896	265.1593183	0.000095	0.026438	5.4818E-07	0.00015171	0.000002	0.0006348	51.55443834	0.212816839	1.073499752	1.359131445	
18-Apr-24 16:00:00	28.93092155	0.08772388	1.068732416	1.223521233	0.287981591	13.37525894	1745.849257	257.5623559	0.000096	0.026306	4.0091E-07	0.00011130	0.000002	0.0005125	53.21698418	0.091842325	1.068732416	0.320820063	
18-Apr-24 17:00:00	20.67327891	0.000029946	0.951708972	1.09789784	4.624482832	14.07022572	1309.812915	170.4420013	0.000053	0.014785	3.3231E-09	9.2307E-07	0.000001	0.0003813	41.77320096	0.002339437	0.951708972	0.073046083	
18-Apr-24 18:00:00	20.69981026	0.029574014	1.181831817	1.320970178	13.14108494	14.39931011	1289.411987	144.5440979	0.000051	0.014081	9.0817E-08	2.7727E-05	0.000001	0.0004181	44.4991684	0.068871208	1.181831817	27.93694308	
18-Apr-24 19:00:00	21.92044029	0	1.103211403	1.276182446	11.12743187	14.32692704	1331.848313	143.4822849	0.000056	0.015188	0	0	0.000001	0.0004081	46.00305587	0	1.103211403	23.31930733	
18-Apr-24 20:00:00	27.11643026	0.001383484	0.717628939	0.960779113	0.408802181	13.38970592	1620.218797	232.74873	0.000083	0.022981	5.5874E-09	1.6298E-06	0.000001	0.0003229	46.93651733	0.00254374	0.717628939	0.73381424	
18-Apr-24 21:00:00	21.78136971	0.071580659	0.893847644	1.034420729	0	13.19331264	1702.193528	253.9744858	0.000070	0.019363	3.1882E-07	8.8886E-05	0.000002	0.0004227	39.1377449	0.128410380	0.893847644	0	
18-Apr-24 22:00:00	21.06249214	0.065887512	0.705114306	0.848533468	0	13.18104549	1736.100098	264.2343854	0.000069	0.019134	4.3858E-07	0.00012125	0.000001	0.0003406	37.81541988	0.118015084	0.705114306	0	
18-Apr-24 23:00:00	21.20123453	0.008240953	0.615998182	0.757976949	0.015719436	13.19129858	1702.170776	262.1776428	0.000068	0.018864	3.6718E-08	1.02E-05	0.000001	0.0002913	38.10018852	0.015390515	0.615998182	0	
19-Apr-24 00:00:00	20.48498535	0.087541882	1.082999845	1.226431727	13.82795087	14.31867982	1301.285133	150.0792847	0.000050	0.013852	2.0865E-07	8.2957E-05	0.000001	0.0003821	43.18428056	0.18434980	1.082999845	29.21190543	
19-Apr-24 01:00:00	20.30807304	0.05925258	1.204303907	1.348273038	14.17895236	14.29625034	1270.828098	145.9442482	0.000046	0.013485	1.9787E-07	5.4742E-05	0.000002	0.0004251	42.57068253	0.121998751	1.254302907	29.98333831	
19-Apr-24 02:00:00	20.46821022	0.156822284	1.231849021	1.386784077	14.05472059	14.28143787	1261.809131	146.1172485	0.000049	0.013496	5.1788E-07	0.00014388	0.000002	0.0004317	42.8153038	0.332987588	1.231849021	29.80348511	
19-Apr-24 03:00:00	20.37412543	0.081431873	1.289065876	1.349641085	14.94707988	14.29570022	1286.792099	146.8310394	0.000048	0.013425	2.8874E-07	7.4651E-05	0.000002	0.0004234	42.59868918	0.170946692	1.289065876	31.07725334	
19-Apr-24 04:00:00	20.51353724	0.174348206	1.273064256	1.415104188	15.05416203	14.29081535	1317.284546	148.3459804	0.000056	0.013945	5.9888E-07	0.00016636	0.000002	0.0004641	42.595047	0.366132183	1.273064256	31.45457291	
19-Apr-24 05:00:00	20.90053687	0.042043036	1.270806193	1.409957757	13.37068879	14.27211099	1297.958994	146.5619714	0.000051	0.014134	3.1176E-07	8.6586E-05	0.000002	0.0004668	43.61290833	0.191829872	1.270306193	27.97451345	
19-Apr-24 06:00:00	18.60459095	0.06989843	1.203472853	1.356625815	18.74412155	14.07443142	1397.701782	160.7106103	0.000049	0.013590	3.288E-07	9.1382E-05	0.000002	0.0004672	37.75187897	0.182161838	1.203472853	39.00320434	
19-Apr-24 07:00:00	21.05688913	0.044414153	1.185879707	1.321017269	11.42358052	14.25943588	1294.783325	146.5509371	0.000051	0.014248	1.5053E-07	4.1814E-05	0.000002	0.0004265	43.97777939	0.092744981	1.185879707	24.14194107	
19-Apr-24 08:00:00	21.09443885	0.11209814	0.948812716	1.091813684	3.587897029	13.75298332	1584.711549	217.7283273	0.000062	0.017250	4.5896E-07	0.00012749	0.000001	0.0004114	41.01717758	0.227061869	0.948812716	6.971432598	
19-Apr-24 09:00:00	20.86391998	0.082851961	1.166641116	1.306683157	12.23336361	14.28353214	1254.118042	145.859848	0.000050	0.013777	2.7418E-07	7.8153E-05	0.000001	0.0004097	43.62976837	0.166801631	1.166641116	26.44293404	
19-Apr-24 10:00:00	22.39446831	0.01953024	1.297964242	1.436002936	11.77090959	14.39033222	1258.965306	144.7407532	0.000053	0.014730	6.467E-09	1.7964E-05	0.000002	0.0004538	47.03497162	0.019610068	1.297964242	25.25901065	
19-Apr-24 11:00:00	23.02947817	0.160062353	1.382625103	1.536723882	9.699617388	14.44170284	1262.763062	145.3599548	0.000055	0.015198	4.8999E-07	0.00013681	0.000002	0.0004850	49.37982263	0.323342058	1.382625103	20.64544868	
19-Apr-24 12:00:00	23.0644798	0.189773316	1.380344182	1.50666709	10.06290722	14.47318258	1293.192627	144.4785309	0.000056	0.015581	6.3224E-07	0.00017562	0.000002	0.0004858	49.6437345	0.40224269	1.380344182	21.69487368	
19-Apr-24 13:00:00	23.02828737	0.225148076	1.327182058	1.472938749	11.16291214	14.50857544	1339.05481	146.5740051	0.000058	0.016115	7.8817E-07	0.00021821	0.000002	0.0004837	49.85454723	0.48815115	1.327182058	23.89021683	
19-Apr-24 14:00:00	24.12823106	0.101937987	1.224169374	1.364219693	7.810729021	14.4784061	1283.097656	147.0769043	0.000058	0.016205	3.429E-07	9.5251E-05	0.000002	0.0004378	52.0115242	0.219487336	1.224169374	16.24896431	
19-Apr-24 15:00:00	23.93091965	0.050534587	1.197286248	1.339577794	8.481787224	14.4820506	1250.68687	144.5393982	0.000056	0.015641	1.6544E-07	4.5855E-05	0.000001	0.0004159	51.67390888	0.117796808	1.197286248	17.95968822	
19-Apr-24 16:00:00	24.16340963	0.020556418	1.149459362	1.304361265	8.152951489	14.47950564	1265.546143	145.758552	0.000058	0.015881	6.809E-08	1.8914E-05	0.000001	0.0004041	52.58919144	0.044390479	1.149459362	17.42710078	
19-Apr-24 17:00:00	24.25488388	0.054506377	1.238157587	1.345358372	7.587854148	14.50147124	1257.446341	144.5201589	0.000058	0.016053	1.1448E-07	3.1802E-05	0.000002	0.0004331	52.59339142	0.074846679	1.238157587	16.82584683	
19-Apr-24 18:00:00	24.07539177	0.101312585	1.090842905	1.235072713	7.949088329	14.47814083	1277.331421	144.7264886	0.000058	0.018071	3.3874E-07	9.4095E-05	0.000001	0.0003878	51.77810019	0.202177008	1.090842905	16.9055833	
19-Apr-24 19:00:00	21.10458771	0.10438987	1.088413284	1.230469148	12.30572128	14.38968313	1281.301758	145.180542	0.000051	0.014192	3.5012E-07	9.7257E-05	0.000001	0.0003887	44.93228531	0.219802699	1.088413284	25.99340584	
19-Apr-24 20:00:00	23.57769087	0.009918509	0.671026456	0.813528802	0	13.15539111	1718.926133	265.3796828	0.000076	0.021178	3.1122E-08	8.8451E-06	0.000001	0.0003203	42.74710283	0	0.671026456	0.128171629	
19-Apr-24 21:00:00	22.58932571	0.013845378	0.767892181	0.914134852	0	13.19813347	1711.292041	263.111989	0.000073	0.020155	9.2017E-08	1.7227E-06	0.000001	0.0003650	40.66970815	0.02491818	0.767892181	0	
19-Apr-24 22:00:00	21.93317604	0	0.765806244	0.903627534	0	13.20587444	1701.989941	263.6424896	0.000070	0.019608	0	0	0.000001	0.0003620	39.61969312	0	0.765806244	0	
19-Apr-24 23:00:00	22.26436772	0.042007286	0.731382191	0.871612847	0	13.17021947	1693.883037	265.3739929	0.000071	0.019792	1.882E-07	5.1722E-06	0.000001	0.0003440	40.09903717	0.075382829	0.731382191	0	
20-Apr-24 00:00:00	22.10972023	0.110489877	0.788544065	0.928827491	0	13.23978812	1660.907227	257.480881	0.000070	0.019402	4.8778E-07	0.00013540	0.000001	0.0003000	40.00106049	0.194919735	0.786544086	0	
20-Apr-24 01:00:00	21.57643318	0.091293591	0.674409634	0.811031879	0	13.14710628	1743.872926	259.3217773	0.000071	0.019064	4.1673E-07	0.00011576	0.000001	0.0003267	38.5810318	0.163735903	0.674409634	0	
20-Apr-24 02:00:00	21.73810006	0.198087722	0.701607988	0.847739996	0.101766006	13.20870938	1691.273682	260.4883118	0.000060	0.018759	3.801E-07	0.00023902	0.000001	0.0003218	39.16561308	0.363011578	0.701607988	0.001810318	
20-Apr-24 03:00:00	21.94848442	0.121267761	1.075706124	1.220828483	4.147378684	13.90760408	1367.878963	183.1626914	0.000056	0.015600	4.342E-07	0.00012061	0.000001	0.0004087	43.45710807	0.25840064	1.075706124	8.00848089	
20-Apr-24 04:00:00	20.7017898	0.188374584	1.278551608	1.429308891	12.74217892	14.37458681	1256.35062	144.3279114	0.000049	0.013591	6.1045E-07	0.00017387	0.000002	0.0004482	43.27479172	0.350417298	1.278551608	26.45881885	
20-Apr-24 05:00:00	20.07916832	0.002601382	1.33973825	1.490572095	15.70782082	14.31005383	1260.337891	144.4059143	0.000048	0.013325	8.2522E-09	2.2923E-06	0.000002	0.0004090	42.18183581	0	1.33973825	33.13177109	
20-Apr-24 06:00:00	20.3036409	0.090543821	1.238687881	1.395307422	14.73631151	14.31097805	1253.582041	144.8335878	0.000048	0.013382	2.9711E-07	8.253E-05	0.000002	0.0004317	42.65423584	0.190145338	1.238687881	30.93884212	
20-Apr-24 07:00:00	20.1384201	0.099503691	1.124388641	1.288284082	13.50453472	14.28087857	1233.127808	145.3014374	0.000047	0.012878	3.115E-07	8.6527E-05	0.000001	0.0003851	42.06948348	0.212588162	1.124388641	27.84809962	
20-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 17:00:00	27.91182337	0.122902811	1.042608476	1.184583742	0.211969122	13.34684849	1781.105839	267.4947322	0.000094	0.025981	5.73E-07	0.00015917	0.000002	0.0005168	51.20591384	0.225587025	1.042608476	0.132780882	
20-Apr-24 18:00:00	28.06310664	0.164295882	0.969068865	1.008208832	0.063567637	13.35255061	1758.840509	264.881134	0.000093	0.025814	7.1637E-07	0.00019732	0.000003	0.0004250	51.50114458	0.295078278	0.859060685	0.057463113	
20-Apr-24 19:00:00	21.52801323	0.02018867	0.878379607	1.039133787	5.329750898	14.28648011	1299.842654	155.8235474	0.000056	0.015063	6.9584E-08	1.9070E-05	0.000001	0.0003171	49.25221648	0.04031612	0.876379607	10.90000806	
20-Apr-24 20:00:00	21.54703922	0.023057129	1.252057672	1.41435845	13.28558022	14.40888977	1282.470703	143.7620644	0.000052	0.014441	7.7482E-08	2.1501E-05	0.000002	0.0004406	45.95064381	0.041446824	1.252057672	28.48972511	
20-Apr-24 21:00:00	24.07437515	0.076316588	0.825687322	0.975591587	0.429682061	13.35590839	1625.2848	233.8693282	0.000074	0.020440	3.2468E-07	9.0188E-05	0.000001	0.0003726	44.23675372	0.140277538	0.828667322	0.806831734	
20-Apr-24 22:00:00	26.07444382	0.040089638	1.11659193	1.280525042	12.37145282	14.23851688	1322.187388	160.4558356	0.000050	0.013871	1.8063E-07	4.7175E-05	0.000001	0.0004181	41.58347321	0.101589244	1.11659193	25.83944321	
20-Apr-24 23:00:00	21.21848199	0	1.258607378	1.412228074	14.13428307	14.28883191	1273.459229	144.4580259	0.000051	0.014121	0	0	0.000002	0.0004488	44.98739197	0	1.258607378	30.93281976	
21-Apr-24 00:00:00	21.10078141	0.053988011	1.108489083	1.248817583	12.75254838	14.28048729	1281.588208	142.620153	0.000050	0.013912	1.7621E-07	4.9041E-05	0.000001	0.0001888	44.20088108	0.112198887	1.108489083	26.8508176	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23.59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/s	MW							ppm	ppm	mg/m3	ppm	
21-Apr-24 01:00:00	21.83488083	0.002801907	0.632751531	0.783868743	0	13.18091442	1682.827393	264.7042542	0.000060	0.019290	1.3376E-08	3.4358E-06	0.000001	0.0002971	38.95445398	0.004065282	0.633751631	0	
21-Apr-24 02:00:00	21.33768959	0.037557401	0.702368292	0.8461079	0	13.17208238	1717.428806	263.8719636	0.000060	0.019148	1.6885E-07	4.6903E-05	0.000001	0.0003351	38.350952	0.067354694	0.702368292	0	
21-Apr-24 03:00:00	21.38956325	0.100953189	0.803946059	0.947607692	0	13.10538523	1609.628906	265.7579956	0.000068	0.019838	4.3863E-07	0.00012184	0.000001	0.0003729	38.38930893	0.178023785	0.803946959	0	
21-Apr-24 04:00:00	22.72913381	0.185740699	0.745326923	0.900024775	0.473781171	13.27675152	1659.144853	245.4911346	0.000071	0.019786	7.186E-07	0.00019995	0.000001	0.0003435	41.32050437	0.337724259	0.745326923	0.702472627	
21-Apr-24 05:00:00	20.2876042	0.113382812	1.204448673	1.354383775	14.88087846	14.28224945	1298.747437	143.4999542	0.000048	0.013326	3.7296E-07	0.0001038	0.000002	0.0004285	42.6035309	0.238021235	1.204448673	30.85791698	
21-Apr-24 06:00:00	20.09182412	0.169718371	1.357634604	1.605045812	16.80772829	14.30910208	1259.557959	144.0397903	0.000048	0.013227	5.2332E-07	0.00014537	0.000002	0.0004750	42.2013855	0.337018791	1.357634664	35.9087204	
21-Apr-24 07:00:00	20.20192719	0	1.313004975	1.443238828	14.49736841	14.32197006	1244.029785	146.710495	0.000047	0.013134	0	0	0.000002	0.0004537	42.38372421	0	1.313004975	30.38549358	
21-Apr-24 08:00:00	20.38247205	0.053858524	1.372198808	1.510468125	16.30730068	14.2899313	1240.921396	146.2984478	0.000048	0.013223	1.7529E-07	4.8693E-05	0.000002	0.0004730	42.70705414	0.11302378	1.372198006	32.16739028	
21-Apr-24 09:00:00	22.01545334	0.13485933	1.481839985	1.584482212	14.95808295	14.44276335	1250.454786	144.5006867	0.000052	0.014507	4.4477E-07	0.00012355	0.000002	0.0005012	47.18679813	0.28906128	1.481836655	32.18190488	
21-Apr-24 10:00:00	22.10133743	0.178087845	1.38337471	1.380633247	14.90587026	14.45275907	1319.360718	149.120783	0.000055	0.015238	6.1503E-07	0.00017084	0.000002	0.0004997	47.51191908	0.384347856	1.38337471	31.55886841	
21-Apr-24 11:00:00	22.80684029	0.186878655	1.303024759	1.493340594	10.46653366	14.45128981	1251.43669	147.5529175	0.000053	0.014844	6.1116E-07	0.00016977	0.000002	0.0004530	48.72179794	0.400794476	1.303024763	22.71703148	
21-Apr-24 12:00:00	22.85184088	0.183013283	1.390098279	1.54013741	11.32986006	14.4746809	1259.093856	144.1428698	0.000054	0.014983	4.4185E-07	0.00012274	0.000002	0.0004800	48.50620779	0.396908728	1.390098079	23.98073387	
21-Apr-24 13:00:00	22.94200697	0.138633419	1.3090944	1.487350484	10.20202288	14.48877783	1310.119019	147.9301573	0.000057	0.015788	4.6874E-07	0.0001302	0.000002	0.0004573	49.38934708	0.298002094	1.3090944	22.05690083	
21-Apr-24 14:00:00	22.89418542	0.241979523	1.314954758	1.471900702	11.32408714	14.48227142	1299.448055	145.8011536	0.000056	0.015170	8.1783E-07	0.00022686	0.000002	0.0004714	48.80938058	0.518113732	1.314954758	24.29288202	
21-Apr-24 15:00:00	23.20198092	0.123778087	1.233578382	1.392705083	9.65788029	14.48148774	1301.225708	148.7918718	0.000057	0.015779	4.1955E-07	0.00011654	0.000002	0.0004459	50.08623778	0.293009188	1.233578382	19.60337087	
21-Apr-24 16:00:00	23.58408776	0.225871709	1.043126345	1.229762961	4.210824013	14.26985913	1366.858032	169.9903937	0.000062	0.017106	8.1924E-07	0.00022757	0.000001	0.0004019	49.84796829	0.467588358	1.043126345	9.41274929	
21-Apr-24 17:00:00	28.84340858	0.124078006	1.017316507	1.162536638	0.055702012	13.3601278	1645.353691	242.8882141	0.000083	0.023082	5.3430E-07	0.00014844	0.000002	0.0004600	49.7930978	0.237030799	1.017316507	0.058437698	
21-Apr-24 18:00:00	22.56309613	0.132197469	1.306002651	1.444741782	10.08280288	14.45136803	1300.068257	145.4331818	0.000055	0.015324	4.7387E-07	0.00013165	0.000002	0.0004719	48.4203949	0.287103763	1.306002651	21.34805772	
21-Apr-24 19:00:00	23.25397301	0.157227446	1.034582349	1.263811162	5.002958311	14.23211765	1451.409302	178.7471519	0.000063	0.017638	5.7834E-07	0.00016065	0.000002	0.0004171	48.26410007	0.304871228	1.034582349	10.57737285	
21-Apr-24 20:00:00	22.31353287	0.142653846	1.096068237	1.28100716	12.18251578	14.42183211	1331.57605	161.2620087	0.000066	0.015500	4.9722E-07	0.00013812	0.000001	0.0004062	47.39595061	0.3047131	1.096068237	25.33315283	
21-Apr-24 21:00:00	24.43115475	0.143638057	0.787389292	0.930517806	0	13.2152616	1707.478027	263.923584	0.000076	0.021801	6.3752E-07	0.00017709	0.000001	0.0003736	44.07118066	0.267213118	0.787389292	0	
21-Apr-24 22:00:00	22.72530337	0.069652148	0.706222117	0.842885064	0	13.2695981	1702.968604	262.4288025	0.000072	0.020226	3.1940E-07	8.8224E-05	0.000001	0.0003341	41.27010727	0.128968816	0.706222117	0	
21-Apr-24 23:00:00	23.03202187	0.014551912	0.753981411	0.902373028	0	13.20571899	1678.454326	260.4441833	0.000073	0.020291	6.4418E-08	1.7893E-05	0.000001	0.0003515	41.49394608	0.017737404	0.753981411	0.002873248	
22-Apr-24 00:00:00	25.89200702	0.040074244	0.829431286	0.975720254	0.43768856	13.40337549	1650.78694	241.4600476	0.000081	0.022458	1.7411E-07	4.8363E-05	0.000001	0.0003524	47.84884154	0.064492272	0.829431285	0.81892205	
22-Apr-24 01:00:00	22.74063574	0.180168862	0.862157047	0.925460021	0.025942108	13.24339281	1756.758929	205.7672632	0.000076	0.025867	7.3807E-07	0.00020448	0.000002	0.0004205	41.19799927	0.269478491	0.862157047	0.02356915	
22-Apr-24 02:00:00	21.43348454	0.12168929	0.814281225	0.965167463	0	13.25944042	1714.388916	264.6738525	0.000068	0.019177	5.4609E-07	0.00015169	0.000001	0.0003678	38.81972385	0.220569161	0.814281225	0	
22-Apr-24 03:00:00	23.49368123	0.168782948	0.960346639	1.103064087	0.224131106	13.30782568	1606.161987	253.6783731	0.000074	0.020457	7.3603E-07	0.00020445	0.000002	0.0004445	42.8856203	0.297081858	0.960346639	0.424411863	
22-Apr-24 04:00:00	19.80228901	0.126938048	1.208740115	1.350199103	16.97570746	14.34122385	1283.912231	147.8174459	0.000047	0.013098	4.288E-07	0.0001185	0.000002	0.0004211	40.58213043	0.261449188	1.208740115	30.26209288	
22-Apr-24 05:00:00	20.9603524	0.194413858	1.245583773	1.389612832	13.73328781	14.32292633	1264.245948	148.7901154	0.000050	0.013882	6.4337E-07	0.00017871	0.000002	0.0004374	44.13714218	0.407598312	1.245583773	29.23793202	
22-Apr-24 06:00:00	20.03201465	0.058471292	1.050684462	1.192520499	5.155932426	13.87208012	1327.249878	168.4382526	0.000053	0.014676	2.0654E-07	5.7373E-05	0.000001	0.0004078	39.46090744	0.118151984	1.050684462	12.24058058	
22-Apr-24 07:00:00	21.22574987	0.084679702	1.247091863	1.384384488	13.0778165	14.2072541	1298.841431	144.1620233	0.000050	0.013942	2.7858E-07	7.7384E-05	0.000002	0.0004398	44.50760373	0.177578722	1.247591863	27.41012856	
22-Apr-24 08:00:00	21.1285087	0.143358046	1.331820338	1.477216363	14.57215788	14.33249861	1242.231689	143.4029846	0.000048	0.013717	4.6778E-07	0.00012994	0.000002	0.0004595	44.54186746	0.311184496	1.331820338	30.72380447	
22-Apr-24 09:00:00	23.97166579	0.091660403	0.785422981	0.94808295	5.276798827	13.30983672	1651.660022	248.0255981	0.000074	0.020475	3.9868E-07	0.00011074	0.000001	0.0003825	43.00728689	0.117402471	0.785422981	0.506352619	
22-Apr-24 10:00:00	22.95901108	0.018321788	0.738152583	0.892503819	0	13.1667579	1745.385254	263.4798889	0.000075	0.020942	8.3158E-08	2.31E-05	0.000001	0.0003579	41.08040838	0.028821638	0.738152583	0	
22-Apr-24 11:00:00	23.62801526	0.030236044	0.829880028	0.989784954	0	13.15272736	1724.136841	262.7726746	0.000077	0.021287	1.3655E-07	3.793E-05	0.000001	0.0003975	42.35030989	0.044236473	0.829882026	0	
22-Apr-24 12:00:00	24.27660588	0.033593068	0.830874145	0.974036466	0	13.21756892	1740.233276	260.2096657	0.000079	0.022679	1.8748E-07	2.9654E-05	0.000001	0.0004018	43.8032808	0.042077642	0.830874145	0	
22-Apr-24 13:00:00	25.12808858	0.041118814	0.891482332	1.04921281	0	13.28316975	1790.522095	260.0645591	0.000085	0.023511	1.9272E-07	5.3532E-05	0.000002	0.0004434	45.60376053	0.071470293	0.891482532	0	
22-Apr-24 14:00:00	27.84078935	0.001971089	0.952819074	1.132512331	0.233933207	13.47386992	1677.109375	243.0795987	0.000088	0.024402	8.6658E-09	2.4072E-06	0.000002	0.0004579	51.23978119	0.003510792	0.952819074	0.279597812	
22-Apr-24 15:00:00	27.08475885	0	0.89225575	1.037493229	0	13.27573299	1769.279024	263.4529419	0.000090	0.025044	0	0	0.000002	0.0004365	49.24086781	0	0.89225575	0.006963145	
22-Apr-24 16:00:00	26.12200737	0	0.832933366	0.972864866	0.020518006	13.2768942	1802.912832	261.9800552	0.000083	0.023185	0	0	0.000001	0.0003818	47.80819507	0	0.832933366	0.045479826	
22-Apr-24 17:00:00	21.72014259	0.02180965	1.164191008	1.322404148	12.89811738	14.48713352	1289.828657	142.8478919	0.000052	0.014421	7.2493E-08	2.0137E-05	0.000001	0.0004109	46.84888458	0.044691561	1.164191008	27.67640485	
22-Apr-24 18:00:00	22.12207413	0.074916288	1.205843449	1.350261688	12.00886361	14.4596217	1317.21938	142.4784698	0.000056	0.015229	2.5831E-07	7.1752E-05	0.000002	0.0004412	47.54048638	0.16182816	1.205843449	26.97338513	
22-Apr-24 19:00:00	20.81595421	0	0.921229809	1.07723971	6.23673944	14.18405807	1481.545875	192.3852865	0.000057	0.015900	0	0	0.000001	0.0003740	42.42300034	0.003478075	0.921229899	13.72430651	
22-Apr-24 20:00:00	22.45950203	0.000712097	0.775486516	0.904180169	0	13.22886653	1660.605054	253.790741	0.000074	0.020583	3.1337E-09	8.7047E-07	0.000001	0.0003825	42.29238129	0	0.778486518	0	
22-Apr-24 21:00:00	23.21348813	0	0.785401109	0.94038579	0	13.21510801	1706.73999	254.244458	0.000075	0.020742	0	0	0.000001	0.0003731	41.887535	0	0.785401109	0	
22-Apr-24 22:00:00	24.07187138	0.000788429	0.929745809	1.070134879	0.254219741	13.32072258	1691.916213	248.5895082	0.000075	0.020781	1.6381E-08	4.5504E-06	0.000002	0.0004290	43.90158381	0	0.929745809	0.478617819	
22-Apr-24 23:00:00	22.93701063	0	0.712898512	0.861025829	0.074282089	13.17304853	1670.880737	257.7937317	0.000072	0.020029	0	0	0.000001	0.0003309	41.14879337	0	0.712898512	0.132488391	
23-Apr-24 00:00:00	21.48823929	0.00841273	1.016021132	1.155288312	19.91981263	14.3094883	1232.495972	144.3115845	0.000050	0.013841	2.0685E-08	5.7488E-06	0.000001	0.0003478	45.13811111	0	1.016921132	22.82498075	
23-Apr-24 01:00:00	20.81105314	0	0.60749862	0.852761977	0	13.16167931	1725.091187	264.1257324	0.000066	0.018795	0	0	0.000001	0.0003345	37.23823278	0	0.60749862	0	
23-Apr-24 02:00:00	21.32573126	0.004568091	0.730092458	0.8790858	0	13.13781261	1717.379298	261.1952678	0.000069	0.019140	2.063E-08	5.7306E-06	0.000001	0.0003483	38.0696759	0.012238915	0.730092488	0	
23-Apr-24 03:00:00	20.68870926	0.045831364	0.675372839	0.83420464	0	13.18162014	1704.230957	262.5329658	0.000068	0.018426	2.3427E-07	5.9518E-05	0.000001	0.0003107	37.06134798	0.08604347	0.675372839	0	
23-Apr-24 04:00:00	19.81111808	0.046339306	1.178799656	1.323544314	16.28752772	14.2549606	1238.027466	139.7353973	0.000048	0.012787	1.4893E-07	4.1847E-05	0.000001	0.0004040	41.31723404	0.082382354	1.178799695	33.40330905	
23-Apr-24 05:00:00	23.91238063	0.101418302	0.813577414	0.985990396	0.512290299	13.29887104	1601.279419	234.7213868	0.000072	0.020811	4.2568E-07	0.00011808	0.000001	0.0003819	43.60105133	0.184902534	0.813577414	0.813499017	
23-Apr-24 06:00:00	20.38819244	0	0.837650075	0.97284169	1.94989014	13.51514781	1588.75329	224.1387035	0.000060	0.018664	0	0	0.000001	0.0003644	38.20433807	0	0.837650075	3.200534845	
23-Apr-24 07:00:00	20.86101977	0.075097121	1.279365806	1.418124678	14.52108312	14.30134859	1242.217285	143.8187681	0.000048	0.013613	2.4558E-07	6.8212E-05	0.000002	0.0004438	43.75353159	0.157571733	1.279365896	30.50914383	
23-Apr-24 08:00:00	20.73359789	0.108368209	1.303241372	1.44176756	14.6815715	14.3015852	1278.279058	145.8734303	0.000049	0.013499	3.817E-07	0.00010047	0.000002	0.0004070	42.45533003	0.22712821	1.303241372	30.87546349	
23-Apr-24 09:00:00	20.05070495	0.015449847	1.269107232	1.412214094	15.81542983	14.34113593	1233.691284	141.9232483	0.000047	0.012928	4.9687E-08	1.3658E-05	0.000002	0.0004315	42.30990601	0.032948783	1.269107232	33.30787272	
23-Apr-24 10:00:00	20.38157272	0.187013049	1.249817783	1.418520325	15.77382442	14.32700928	1289.239868	142.9472046	0.000050	0.013839	5.8799E-07	0.00015778	0.000002	0.0004511	42.05767675	0.380683573	1.249857783	33.14853882	
23-Apr-24 11:00:00	20.26846741	0.023760857	1.297898735	1.44573828	15.38102303	14.38388351	1280.491528	143.0859954	0.000048	0.013580	7.9654E-08	2.2126E-05	0.000002	0.0004617	42.93878376	0.050307119	1.297898738	32.72210693	
23-Apr-24 12:00:00	20.90102844	0.03563112	1.292488495	1.4480907	14.42977333	14.37900734	1284.445167	143.5500031	0.000050	0.013814	1.1793E-07	3.2759E-05	0.000002	0.0004546	44.3710258	0.075867772	1.292484495	30.90192642	
23-Apr-24 13:00:00	24.82188577	0.105875934	0.832147837	0.980826437	0	13.71213827	1701.387939	256.2958069	0.000079	0.022074	4.7152E-07	0.00013098	0.000001	0.0003833	44.75372598	0.190309927	0.822147837	0	
23-Apr-24 14:00:00	22.05598181	0	1.30557458	1.462892806	8.48483041	14.33747959	1318.204468	141.8220062	0.000055	0.015194	0	0	0.000002	0.0004781	45.53353174	0	1.305574585	17.79169346	
23-Apr-24 15:00:00	22.12800517	0.002655226	0.978888644	1.154689201	3.075028898	13.98729082	1366.428833	171.1439972	0.000058	0.016032	8.7449E-09	2.7069E-06	0.000001	0.0003781	44.32998685	0.005838216	0.976885584	6.238048077	
23-Apr-24 16:00:00	20.18126187	0	0.943278253	1.100181656	6.668737411	14.11036387	1428.928345	165.0193634	0.000054	0.015058	0	0	0.000001	0.0003744	41.14215489	0	0.943278253	13.46981212	
23-Apr-24 17:00:00	22.18337926	0.078170489	1.214328408	1.352919126	12.21837482	14.48110153	1300.600619	143.8408359	0.000054	0.015046	2.5938E-07	7.2044E-05	0.000002	0.0004388	47.37611489	0.171573197	1.214328408	26.17726808	
23-Apr-24 18:00:00	22.76250287	0.010776928	1.241483423	1.397490101	11.429739	14.49691732	1277.104858	143.0487311	0.000055	0.015162	3.6026E-08	1.0007E-05	0.000002	0.0004404	49.20124064	0.032890692	1.241483423	24.891079	
23-Apr-24 19:00:00	22.11871088	0	1.234448883	1.407727122	12.76054937	14.47506328	1295.358154	143.6457531	0.000054	0.014872	0	0	0.000002	0.0004442	47.6318152	0	1.234446883	27.54745103	
23-Apr-24 20:00:00	24.78811073	0	0.789690137	0.93916202	3.022756466	13.2809992	1706.732561	255.8122181	0.000080	0.022116	0	0	0.000001	0.0003744	45.10210419	0	0.789690137	5.336865414	
23-Apr-24 21:00:00	24.20075283	0	0.732198179	0.870497026	0	13.29427433	1684.492188	257.1925284	0.000077	0.021384	0	0	0.000001	0.0003420	44.09759036	0	0.732198179	0.01505955	
23-Apr-24 22:00:00	23.44844827	0.071946096	0.85425566	0.996454031	0.08108025	13.34039003	1654.2146	255.3959048	0.000073	0.020384	3.1341E-07	8.7058E-05	0.000001	0.0003949	43.02819788	0.132048006	0.85425566	0.138133541	
23-Apr-24 23:00:00	23.04850307	0.060110513	0.8553424	1.00970161	0.010641158	13.24385711	1668.136742	236.0076739	0.000072	0.020092	2.8247E-07	7.2069E-05	0.000001	0.0004024	41.70153659	0.117318028	0.8553424	0.086428098	
24-Apr-24 00:00:00	19.31885719	0.00654353	1.045870487	1.19533255	18.58142426	14.24540138	1297.697461	152.0256737	0.000047	0.013194	2.2231E-08	6.1752E-06	0.000001	0.0003775	40.1673877	0	1.045870487	34.87958209	
24-Apr-24 01:00:00	22.64098719	0.056608017	0.67958547	0.826979778	0.148728829	13.24929935	1665.019531	237.823282	0.000071	0.019781	2.8804E-07	7.9428E-05	0.000001	0.0003143	41.038311	0.115507178	0.67958547	0.273123863	
24-Apr-24 02:00:00	21.85178247	0.125179648	0.783223282	0.991738284	0.078011371	13.24938818	1730.160278	258.7780319	0.000071	0.019645	5.4616E-07	0.00015171	0.000001	0.0003782	39.22152681	0.220388391	0.786723282	0.201606758	
24-Apr-24 03:00:00	21.3414069	0.033874185	0.658498506	0.80781641	0.150357603	13.2622261	1708.900757	258.3182037	0.000069	0.018937	1.5135E-07	4.2041E-05	0.000001	0.0004076	38.7233428	0.061867208	0.858498506	0.20068851	
24-Apr-24 04:00:00	22.09378917	0.118411482	0.902857423	1.036743781	0.122322925	13.27213097	1687.19104	254.4729337	0.000072	0.020099	5.2295E-07	0.00014526	0.000002	0.0004231	41.22982408	0.215098282	0.902857423	0.229484186	
24-Apr-24 05:00:00	21.87748699	0.00000251	0.742006779	0.881925821	0.114478346	13.24172106	1648.650635	256.1049194	0.000067	0.018577	2.8803E-09	8.0257E-07	0.000001	0.0003398	39.25749773	0.00304848	0.742006779	0.056696776	
24-Apr-24 06:00:00	21.96923828	0.022307602	0.833493086	0.944295704	0.119698023	13.20607862	1653.641431	257.3859404	0.000068	0.018968	9.6788E-08	2.6885E-05	0.000001	0.0003858	39.57642748	0.041391088	0.833493086	0	
24-Apr-24 07:00:00	20.95293871	0.068777818	0.863362266	1.042120751	3.17289208	13.76771813	1542.385044	217.2073675	0.000061	0.018949	2.6676E-07	7.4098E-05	0.000001	0.0003845	42.82274487	0.116001306	0.893352926	6.177193185	
24-Apr-24 08:00:00	21.28351212	0.062086019	0.82109805	0.977742812	0	13.23321397	1702.455401	259.6271286	0.000068	0.018914	3.0741E-07	8.5398E-05	0.000001	0.0003878	38.48493195	0.125129413	0.821050088	0	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23.59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)					
	ppm	ppm	mg/m3	%	ppm	%	m3/s	MW							ppm	ppm	mg/m3	ppm	
24-Apr-24 09:00:00	21.5356072	0.01503047	0.87441808	1.034107568	1.438296081	13.54610187	1536.198576	242.8478882	0.000066	0.018415	6.8751E-08	1.9097E-05	0.000001	0.0003874	40.45404588	0.030280051	0.87441808	2.846201858	
24-Apr-24 10:00:00	22.33490047	0.107530171	0.799888364	0.92969637	1.811734033	13.19930758	1583.583586	217.0852358	0.000067	0.018484	4.4588E-07	0.0001238	0.000001	0.0003501	42.36279097	0.204007373	0.799888364	3.572728304	
24-Apr-24 11:00:00	22.91918584	0.000879331	0.6937398	0.851375341	0	13.18113081	1718.213823	262.7181255	0.000074	0.020680	3.9549E-09	1.0986E-06	0.000001	0.0003311	41.00393203	0.001573783	0.6937398	0	
24-Apr-24 12:00:00	20.70524597	0.114549965	1.193729758	1.340650802	13.18777708	14.38743498	1287.89519	141.463091	0.000049	0.013663	3.796E-07	0.00010545	0.000002	0.0004187	44.00833037	0.24417158	1.193729758	27.77586138	
24-Apr-24 13:00:00	24.80636927	0.082747809	0.785865862	0.943139374	0	13.2231446	1688.612134	263.4882307	0.000079	0.022923	3.6798E-07	0.00010221	0.000001	0.0003709	44.72118725	0.149428714	0.785865862	0	
24-Apr-24 14:00:00	27.20752925	0.006975771	0.691500723	0.848744857	0	13.24579053	1737.998872	248.7867378	0.000089	0.024712	3.1735E-08	8.8154E-06	0.000001	0.0003338	49.53047942	0.006870504	0.691500725	0	
24-Apr-24 15:00:00	26.31178858	0.034744538	0.808517115	0.936544836	0	13.28870387	1762.537123	262.1680195	0.000088	0.024525	1.8221E-07	4.5067E-05	0.000001	0.0004006	47.78361728	0.063120402	0.808517115	0	
24-Apr-24 16:00:00	26.77689802	0.003347701	0.787948939	0.92884795	0	13.29263419	1733.15818	260.3457842	0.000087	0.024293	1.0198E-08	2.8327E-06	0.000001	0.0003793	48.71858204	0.006575027	0.787948839	0	
24-Apr-24 17:00:00	21.595528	2.60515E-05	0.808547845	1.040333271	5.824252819	14.28889017	1337.240801	167.3031311	0.000054	0.015094	8.1189E-11	2.2533E-08	0.000001	0.0003338	45.62768852	5.38038E-05	0.808547845	12.47523348	
24-Apr-24 18:00:00	23.00584187	0	1.13579011	1.289737535	9.817318916	14.51019192	1290.912874	142.3240021	0.000054	0.015040	0	0	0.000001	0.0003947	49.84964207	0	1.13579011	21.23388214	
24-Apr-24 19:00:00	22.84578705	0	1.119477153	1.269373024	10.79872337	14.46923065	1315.081209	143.7103168	0.000057	0.015781	0	0	0.000001	0.0004859	49.18587035	0	1.119477153	23.1636293	
24-Apr-24 20:00:00	20.88988871	0.000207919	0.927037299	1.087940186	5.328131568	14.04666095	1383.298805	171.415863	0.000054	0.014871	1.1155E-09	3.0986E-07	0.000001	0.0003584	41.82707596	0	0.927037299	11.21297836	
24-Apr-24 21:00:00	23.12932814	0.011637888	0.730082485	0.878889407	0	13.28054668	1707.796907	264.5473633	0.000074	0.020643	5.2025E-08	1.4451E-05	0.000001	0.0003463	41.67254181	0	0.730082485	0.119180697	
24-Apr-24 22:00:00	21.77913032	0	1.145703948	1.26807297	11.11744404	14.32845211	1269.276887	142.5174103	0.000052	0.014409	0	0	0.000001	0.0004035	45.79776764	0	1.145703948	23.18074942	
24-Apr-24 23:00:00	23.72809774	0	0.729653047	0.874010088	0.283826719	13.32713318	1659.476074	260.1865845	0.000073	0.020263	0	0	0.000001	0.0003378	42.58148958	0	0.729653047	0.439838561	
25-Apr-24 00:00:00	21.3573494	0	1.202099055	1.348966964	13.20007593	14.34769848	1257.846313	143.0142975	0.000051	0.014639	0	0	0.000002	0.0004260	45.03459918	0	1.202099085	27.29581988	
25-Apr-24 01:00:00	22.84204981	0.019112807	0.815694523	0.76213645	0.615758693	13.35809488	1690.594775	245.2074595	0.000073	0.020183	8.4595E-08	2.3498E-05	0.000001	0.0003692	41.34779824	0.037731372	0.815694525	0.905183494	
25-Apr-24 02:00:00	18.86009218	0	0.924614787	1.069016802	8.264870544	14.00012302	1371.197998	171.5229246	0.000048	0.013515	0	0	0.000001	0.0003522	37.80268182	0	0.924614787	16.53999062	
25-Apr-24 03:00:00	20.54105759	0.002938852	1.242967796	1.385049631	14.25736332	14.31498148	1258.283169	144.4582917	0.000049	0.013608	9.7451E-09	2.707E-06	0.000002	0.0004348	43.17121887	0	1.243967795	30.55079289	
25-Apr-24 04:00:00	21.05875869	0.082347848	1.188840151	1.342483153	13.28188892	14.29321123	1288.824707	147.8298878	0.000051	0.014162	2.7738E-07	7.7049E-05	0.000002	0.0004250	44.1376815	0.153692542	1.188840151	27.6272983	
25-Apr-24 05:00:00	20.94367491	0.056671572	1.254279368	1.397076845	14.04404449	14.29306891	1269.910132	144.5244904	0.000050	0.013895	1.8832E-07	5.2312E-05	0.000002	0.0004458	43.87984085	0.120125834	1.254279388	29.30738667	
25-Apr-24 06:00:00	21.13738441	0.05649198	1.205588672	1.350084158	13.64394645	14.30408855	1300.572388	144.0830117	0.000052	0.014387	1.8891E-07	5.2478E-05	0.000002	0.0004355	44.38637115	0.116371872	1.205588672	29.12991333	
25-Apr-24 07:00:00	21.15262413	0.026490487	1.279042694	1.41530478	13.13071832	14.27081583	1237.709595	143.1664681	0.000048	0.013082	8.5824E-08	2.384E-05	0.000002	0.0004307	44.19765891	0.058648247	1.279040694	25.04771614	
25-Apr-24 08:00:00	20.33734322	0	1.293748858	1.448794191	15.80494585	14.33060564	1299.876231	143.5674438	0.000050	0.013813	0	0	0.000002	0.0004671	42.84854882	0	1.293748858	33.43672574	
25-Apr-24 09:00:00	22.58256424	0.069228952	0.736981675	0.881483375	0.136988195	13.29725933	1658.451904	251.1632467	0.000071	0.018778	3.0233E-07	8.3981E-05	0.000001	0.0003400	41.34380612	0.1298717	0.733561575	0.134102626	
25-Apr-24 10:00:00	22.58815822	0.187801292	1.02619063	1.198982125	6.158481309	14.11659641	1358.169356	172.6518113	0.000052	0.016278	3.9187E-07	0.0001081	0.000001	0.0003882	47.0824733	0.221327338	1.02619063	12.41682053	
25-Apr-24 11:00:00	23.10834613	0.695743791	0.852071404	1.011584795	0	13.38133719	1702.889131	255.2234502	0.000074	0.020583	3.1148E-06	0.00086519	0.000001	0.0004036	42.59938142	1.280754447	0.852071404	0	
25-Apr-24 12:00:00	21.81478021	0.229287204	0.984175603	1.120714251	8.659284602	14.80797086	1227.573853	136.4519929	0.000050	0.013805	7.6509E-07	0.00021	0.000001	0.0003350	47.61150742	0.521850517	0.984175603	18.61805407	
25-Apr-24 13:00:00	25.91978458	0.050081841	0.770697698	0.91303128	0	13.31945038	1718.572355	262.9925284	0.000084	0.023251	2.2562E-07	6.2758E-05	0.000001	0.0003874	47.59053345	0.093710705	0.770697698	0	
25-Apr-24 14:00:00	24.44175011	0	0.831600609	0.978585124	0.018907463	13.63260136	1496.506104	198.587677	0.000069	0.019118	0	0	0.000001	0.0003457	47.91208697	0	0.831600606	0.037859309	
25-Apr-24 15:00:00	28.36053622	0.093347741	0.779312909	0.916293037	0	13.42026441	1738.44873	262.5499911	0.000093	0.025785	4.2028E-07	0.00011674	0.000001	0.0003783	52.57136164	0.17105101	0.779312909	0	
25-Apr-24 16:00:00	28.68036232	0	0.772688345	0.90080303	0	13.43084876	1751.537095	282.3813177	0.000094	0.026183	0	0	0.000001	0.0003790	52.8725863	0	0.772688345	0	
25-Apr-24 17:00:00	26.39412358	0.000868838	0.701684925	0.843353799	0.042648854	13.77842144	1569.307426	210.9286896	0.000074	0.020614	2.0659E-09	7.4049E-06	0.000001	0.0003028	49.11247535	0.001860783	0.701684925	0	
25-Apr-24 18:00:00	23.80643006	0	1.049518228	1.192927678	7.914774829	14.00933932	1262.462148	143.2785861	0.000057	0.015822	0	0	0.000001	0.0003739	51.9354183	0.005408776	1.349518228	16.53900719	
25-Apr-24 19:00:00	26.8568062	0.007825686	1.008717775	1.181178489	0	13.44036748	1731.589111	250.3379517	0.000084	0.023401	1.2807E-08	3.5575E-06	0.000002	0.0004052	48.04977035	0.000682957	1.308717775	0	
25-Apr-24 20:00:00	24.97644234	0	0.77051729	0.918481745	0	13.37203412	1770.2148	262.4040222	0.000083	0.023108	0	0	0.000001	0.0003780	45.57886675	0	0.77051729	0	
25-Apr-24 21:00:00	23.77481243	0	0.583558202	0.749729721	0	13.3224288	1768.181152	263.0812073	0.000079	0.021960	0	0	0.000001	0.0002898	43.32243285	0.003469843	0.583558202	0	
25-Apr-24 22:00:00	23.43315842	0	0.648874218	0.782971793	0	13.29240131	1745.371338	264.1290997	0.000077	0.021374	0	0	0.000001	0.0003135	42.59413265	0	0.648874218	0	
25-Apr-24 23:00:00	23.25338064	0.002110582	0.610749304	0.757251261	0	13.20792881	1709.943237	264.5100098	0.000075	0.020766	9.4413E-09	2.6226E-06	0.000001	0.0002690	42.36703918	0	0.610749304	0	
26-Apr-24 00:00:00	24.20449287	0.015742807	0.710860283	0.849935783	0	13.43820095	1687.673608	247.6130219	0.000075	0.020967	6.6366E-08	1.8974E-05	0.000001	0.0003272	44.96744919	0.029245452	0.710860283	0	
26-Apr-24 01:00:00	22.32420703	0.148803812	0.698864246	0.722168771	0	13.29358123	1694.875244	253.9359131	0.000071	0.019774	6.5926E-07	0.00018313	0.000001	0.0002758	40.67477639	0.270862838	0.598864246	0	
26-Apr-24 02:00:00	21.04426169	0.031484779	0.542897012	0.681004787	0	13.26837163	1723.675854	254.2880042	0.000068	0.018858	1.4166E-07	3.9434E-05	0.000001	0.0002598	38.21295847	0.061324958	0.542897012	0	
26-Apr-24 03:00:00	22.67816544	0.062737225	0.679501884	0.721995359	0	13.2312888	1768.373415	263.1633911	0.000073	0.020224	2.9868E-07	8.2962E-05	0.000001	0.0002747	40.97818756	0.114670469	0.679501884	0	
26-Apr-24 04:00:00	21.03205299	0.008058117	0.62957006	0.660754098	0	13.26282207	1729.151276	262.8876343	0.000068	0.018672	2.7506E-08	7.6407E-06	0.000001	0.0002553	38.15305212	0	0.62957005	0	
26-Apr-24 05:00:00	21.15215111	0.000431791	0.746993542	0.88410305	0	13.33711529	1649.836811	257.6783308	0.000066	0.018738	1.8847E-09	5.1792E-07	0.000001	0.0003423	38.76481792	3.08866E-05	0.746993542	0	
26-Apr-24 06:00:00	20.52945137	0.07108004	0.881327291	1.003490329	0	13.34588856	1700.368665	267.4776917	0.000066	0.018246	3.1627E-07	8.7853E-05	0.000001	0.0004089	37.5083333	0.131131293	0.881327291	0	
26-Apr-24 07:00:00	21.24167906	0.075078945	1.24503694	1.380614877	11.95122382	14.34897833	1272.378784	144.7373427	0.000051	0.014127	2.501E-07	6.9472E-05	0.000002	0.0004401	45.22052083	0.159937203	1.24503694	24.7805749	
26-Apr-24 08:00:00	20.02010501	0.041389536	1.382549524	1.523877659	19.34387016	14.44782527	1282.29947	142.5162201	0.000048	0.013416	1.3882E-07	3.856E-05	0.000002	0.0004924	47.91803418	0.08871185	1.382549524	41.83858887	
26-Apr-24 09:00:00	23.19495392	0	0.723620289	0.879515764	0.008751586	13.36493778	1647.796133	250.5240021	0.000072	0.019974	0	0	0.000001	0.0003313	42.6543541	0.001381741	0.723620289	0	
26-Apr-24 10:00:00	21.66353384	0.003256337	1.23685286	1.380426592	9.108825884	14.43357068	1258.603271	140.3295814	0.000051	0.014220	7.4214E-09	2.0615E-06	0.000002	0.0004317	45.30527374	0	1.236852288	19.3417344	
26-Apr-24 11:00:00	21.66773354	0.021213481	1.329550399	1.476978864	12.08170605	14.47070217	1315.133759	143.0779724	0.000053	0.014850	7.3193E-08	2.0332E-05	0.000002	0.0004088	45.41408157	0.042808377	1.329550399	23.75829687	
26-Apr-24 12:00:00	21.34583008	0.008642885	1.308413368	1.452749192	11.19553134	14.47457408	1266.570679	144.0759116	0.000050	0.014018	3.1717E-08	8.8103E-06	0.000002	0.0004557	46.17538019	0	1.308413368	24.21575928	
26-Apr-24 13:00:00	21.92438707	0.008918339	1.373481512	1.508680738	11.48216814	14.53893852	1301.927937	143.0015304	0.000053	0.014835	2.3575E-08	6.5487E-06	0.000002	0.0004987	47.44399447	0	1.373481512	24.93126876	
26-Apr-24 14:00:00	22.20824842	0.008091693	1.37064578	1.503535802	10.34802723	14.50460971	1306.602173	142.4056244	0.000055	0.015163	2.7675E-08	7.6876E-06	0.000002	0.0004975	48.08417084	0.016879806	1.370645781	22.42121799	
26-Apr-24 15:00:00	26.11658478	0	1.044825873	1.191760367	0	13.69534492	1601.300781	236.5841357	0.000079	0.021896	0	0	0.000002	0.0004547	50.19729814	0	1.044825873	0.073488146	
26-Apr-24 16:00:00	27.43872371	0	0.968015025	1.100203156	0	13.38300323	1848.983892	263.8469727	0.000095	0.026518	0	0	0.000002	0.0004920	50.58820955	0	0.968015025	0	
26-Apr-24 17:00:00	27.56713091	0	0.857582927	0.991013348	0	13.40734231	1567.705933	262.5281984	0.000087	0.024113	0	0	0.000001	0.0003873	51.16850281	0.017680619	0.857582927	0	
26-Apr-24 18:00:00	26.30247917	0.023858843	0.80382067	0.948305859	0	13.44517838	1677.042969	247.9260822	0.000085	0.023578	1.8472E-07	2.9089E-05	0.000001	0.0003745	50.02376938	0.04425989	0.80382067	0	
26-Apr-24 19:00:00	26.32910919	0	0.802054167	0.945165455	0	13.34677847	1595.941748	262.0143433	0.000084	0.023336	0	0	0.000001	0.0003773	48.29714203	0.003120272	0.802054167	0	
26-Apr-24 20:00:00	25.09758186	0	0.823122799	0.981968014	0	13.36548283	1721.190979	262.3602226	0.000081	0.022575	0	0	0.000001	0.0003835	45.17884009	0.007191741	0.823122799	0	
26-Apr-24 21:00:00	23.99099541	0	0.787779112	0.915741444	0	13.34374986	1710.854898	262.1948242	0.000076	0.021565	0	0	0.000001	0.0003688	44.01531219	0	0.787779112	0	
26-Apr-24 22:00:00	22.90721893	0	0.828185048	0.982996364	0	13.28697841	1788.206811	263.1446007	0.000077	0.021408	0	0	0.000001	0.0004184	41.80787216	0	0.828185048	0	
26-Apr-24 23:00:00	22.96362473	0	0.715864585	0.83772966	0	13.29213613	1698.933772	263.6160595	0.000073	0.020380	0	0	0.000001	0.0003377	41.8274785	0	0.715864585	0	
27-Apr-24 00:00:00	21.39477385	0	0.640054045	0.779334486	0	13.33797581	1705.702695	263.6492618	0.000071	0.019807	0	0	0.000001	0.0003075	43.33069333	0	0.649054045	0	
27-Apr-24 01:00:00	22.45335903	0	0.644881725	0.792201938	0	13.29771709	1750.170775	263.4480754	0.000074	0.020607	0	0	0.000001	0.0003146	40.92868236	0	0.644881725	0	
27-Apr-24 02:00:00	22.33151245	0	0.710995495	0.842618972	0	13.23580939	1700.326508	265.0190918	0.000071	0.019845	0	0	0.000001	0.0003358	40.40885152	0.00207801	0.710995495	0	
27-Apr-24 03:00:00	22.08579309	0.08505386	0.931322894	1.070629852	0.086633327	13.82300472	1447.086792	194.6243698	0.000060	0.016688	3.146E-07	8.7388E-05	0.000001	0.0003744	43.15891144	0.144082041	0.931322894	0.088722951	
27-Apr-24 04:00:00	19.08089532	0.00760008	0.994870603	1.130843586	0.875369549	14.04042339	1481.243154	182.6417384	0.000052	0.014472	3.0007E-08	8.3352E-06	0.000001	0.0004011	38.3750473	0	0.994870603	13.64083511	
27-Apr-24 05:00:00	21.53973981	0.049998866	1.063920479	1.210198357	2.038748503	13.94320707	1399.051392	185.8648509	0.000057	0.015740	1.831E-07	5.0862E-05	0.000002	0.0004212	42.98326083	0.098195116	1.063920479	3.914201287	
27-Apr-24 06:00:00	20.20868741	0.079218501	1.402432303	1.539190054	18.71343686	14.49539075	1253.547725	138.7185384	0.000047	0.013093	2.4812E-07	6.8388E-05	0.000002	0.0004508	43.8754429	0.163612385	1.402432303	40.32046797	
27-Apr-24 07:00:00	21.22434726	0.042292076	1.429521322	1.568489008	13.09117309	14.41309916	1244.306274	145.9867249	0.000050	0.013692	1.3767E-07	3.8213E-05	0.000002	0.0004641	45.31839085	0.08979825	1.429521322	28.0247858	
27-Apr-24 08:00:00	21.33628464	0.034738824	1.381474495	1.505184133	11.83753586	14.37869189	1275.190848	145.0172202	0.000051	0.014219	1.1598E-07	3.221E-05	0.000002	0.0004592	45.34860092	0.071283418	1.381474495	25.03023911	
27-Apr-24 09:00:00	20.80668512	0.129365289	1.399038078	1.537379528	14.82914257	14.42643029	1317.794404	143.2823486	0.000051	0.014191	4.4073E-07	0.00012395	0.000002	0.0005121	44.05689893	0.272700219	1.399038076	31.71887581	
27-Apr-24 10:00:00	21.41775131	0.001701944	1.36152278	1.513989726	13.15419747	14.48089753	1247.398752	143.5482981	0.000050	0.013862	5.5702E-09	1.5473E-06	0.000002	0.0004725	45.9707758	0.004882779	1.36152278	28.18478773	
27-Apr-24 11:00:00	21.80143166	0.023082706	1.388899872	1.541435718	10.31882807	14.48095672	1301.039479	144.0808105	0.000052	0.014824	7.8812E-08	2.1837E-05	0.000002	0.0005058	46.86176837	0.050433934	1.388899879	22.02126786	
27-Apr-24 12:00:00	22.48026103	0.035819091	1.335174441	1.473126411	10.57530098	14.57279309	1294.845729	148.1200717	0.000055	0.015212	1.2037E-07	3.3436E-05	0.000002	0.0004802	49.18308897	0.079325832	1.335174441	23.46158953	
27-Apr-24 13:00:00	26.86596941	0.037879125	0.980414378	1.089271898	0	13.81850287	1738.772339	261.3817139	0.000088	0.024371	1.712E-07	4.7555E-05	0.000002	0.0004460	49.75198075	0.069749879	0.980414379	0	
27-Apr-24 14:00:00	24.1288892	0.094782875	0.962482881	1.102787315	0.004920644	14.15738198	1459.811523	190.388555	0.000066	0.018393	3.6156E-07	0.00010052	0.000001	0.0003900	49.54880759	0.194804037	0.962482881	0	
27-Apr-24 15:00:00	25.95472146	0.083398497	0.924599142	1.134446855	0	14.02264796	1546.76109	202.9243835	0.000076	0.020981	3.7815E-07	0.00010504	0.000002	0.0004273	52.23326332	0.168735604	0.994569192	0	
27-Apr-24 16:00:00	23.87478782	0.088563	0.994491827	1.13286584	0	14.19918537	1491.405396	192.2973329	0.000065	0.018188	3.1747E-07	8.8188E-05	0.000001	0.0004009	49.93922958	0.198734637	0.994451582	0	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Apr-24 17:00:00	29.30458582	0.387677127	0.981205244	1.099722605	0	13.47258611	1729.029146	265.2873093	0.000095	0.026480	3.9838E-07	0.0001161	0.000002	0.0004617	54.52857508	2.158112839	0.981205244	0	
27-Apr-24 18:00:00	19.64526912	0.003879306	0.993669686	1.130931616	6.941400628	14.72628648	1388.80918	168.3375397	0.000051	0.014241	1.0453E-08	2.9037E-06	0.000001	0.0003828	40.78640689	0.008357845	0.993669686	14.51710129	
27-Apr-24 19:00:00	24.594757	0.000891886	0.745005906	0.879503906	0	13.29764843	1742.550146	284.0820618	0.000081	0.022490	4.0912E-09	1.1364E-06	0.000001	0.0003808	45.0151434	0.001636391	0.745005906	0	
27-Apr-24 20:00:00	24.22981262	0.509567103	0.87529838	0.506839062	0	13.25073391	1735.19165	284.737854	0.000079	0.021848	4.3158E-09	1.1988E-06	0.000001	0.0003241	43.92001569	2.72193E-05	0.87529838	0	
27-Apr-24 21:00:00	22.10960958	0.010874397	0.874259901	0.81658566	0	13.28700497	1686.727601	282.8838196	0.000070	0.019478	4.7984E-08	1.3329E-05	0.000001	0.0003157	45.14144916	6.74107E-06	0.874259901	0	
27-Apr-24 22:00:00	22.39960916	0.002303883	0.772367537	0.9107095	0	13.23834269	1707.173706	286.2118226	0.000072	0.019984	1.0291E-08	2.8583E-06	0.000001	0.0003683	40.5304715	0.003774257	0.772367537	0	
27-Apr-24 23:00:00	21.91501497	0	0.682096389	0.81786412	0	13.25651169	1706.187744	283.3157245	0.000070	0.019529	0	0	0.000001	0.0003231	39.73399953	0	0.682096389	0	
28-Apr-24 00:00:00	21.47678659	0.005823098	0.710283875	0.839679301	0	13.29344749	1706.068115	282.9932291	0.000069	0.019149	2.4065E-08	6.6814E-06	0.000001	0.0003368	39.15264347	0.010060976	0.710283875	0	
28-Apr-24 01:00:00	21.09565739	0.120046515	0.648743153	0.795621167	0	13.2565491	1729.67396	283.6008006	0.000069	0.019099	5.4363E-07	0.00015006	0.000001	0.0003117	38.32337952	0.218158081	0.648743153	0	
28-Apr-24 02:00:00	21.26659329	0.009990285	0.649625672	0.778826939	0	13.21438217	1726.316528	287.493042	0.000069	0.019206	1.8031E-08	5.0087E-06	0.000001	0.0003119	38.38952228	0	0.649625672	0	
28-Apr-24 03:00:00	21.2026062	0.044912801	0.710152805	0.847128928	0	13.24606836	1729.648143	287.2119446	0.000069	0.019105	2.0288E-07	5.6355E-05	0.000001	0.0003412	38.38794708	0.08129395	0.710152805	0	
28-Apr-24 04:00:00	20.40874873	0.002305438	0.696013544	0.844337681	0	13.27384063	1714.950298	283.5929255	0.000066	0.018391	1.0340E-08	2.8745E-06	0.000001	0.0003325	37.09353758	0.002491353	0.696013544	0	
28-Apr-24 05:00:00	21.17241287	0.002235316	0.809702456	0.938457602	0	13.25264855	1684.654125	283.1013489	0.000067	0.018643	1.828E-08	2.5488E-06	0.000001	0.0003798	38.6312561	0.003584001	0.809702456	0	
28-Apr-24 06:00:00	20.53199041	0	0.78954047	0.926520648	0.002298217	13.22964311	1663.38147	258.5709412	0.000064	0.017848	0	0	0.000001	0.0003848	37.59258435	1.81575E-05	0.78954047	0	
28-Apr-24 07:00:00	22.08523472	0.0042308	1.305385847	1.444580645	6.038808915	14.24985123	1252.418894	148.5350708	0.000052	0.014408	1.3947E-08	3.874E-06	0.000002	0.0004646	45.87747421	0	1.305385847	12.60514735	
28-Apr-24 08:00:00	20.5885228	0.02409885	1.258780571	1.402092218	13.59061523	14.36678741	1284.786987	145.9439087	0.000049	0.013605	7.9641E-09	2.2123E-06	0.000002	0.0004422	43.7332077	0.052645538	1.258780571	28.75260538	
28-Apr-24 09:00:00	20.72814781	0.005164347	1.273128748	1.415328145	12.98750807	14.39796925	1260.786865	145.7725525	0.000049	0.013549	1.6711E-08	4.642E-06	0.000002	0.0004423	44.12724588	0	1.273128748	37.40418043	
28-Apr-24 10:00:00	21.5076313	0.000966147	1.361844301	1.503255142	9.259643452	14.36528111	1291.726394	146.1792603	0.000052	0.014519	3.2298E-09	8.971E-07	0.000002	0.0004588	45.95148529	0.02002941	1.361844301	19.38080822	
28-Apr-24 11:00:00	21.8831601	0	1.352597134	1.499334784	7.955895416	14.37732173	1294.969014	145.8255883	0.000053	0.014619	0	0	0.000002	0.0004888	45.46584219	0	1.352597134	16.85163802	
28-Apr-24 12:00:00	21.77060781	0.006216007	1.314518332	1.457038045	10.92823849	14.48832145	1308.45105	145.0079956	0.000054	0.014864	2.1258E-08	5.9051E-06	0.000002	0.0004779	45.98690744	0	1.314518332	23.4043096	
28-Apr-24 13:00:00	21.70458453	0	0.931967974	1.078448879	0.278312544	14.01234055	1575.903198	212.8045654	0.000064	0.017887	0	0	0.000001	0.0004082	43.64081330	0	0.931967974	0.796654542	
28-Apr-24 14:00:00	28.35874176	0	0.838017523	0.972654016	0	13.32961454	1804.820313	283.7928784	0.000090	0.024882	0	0	0.000002	0.0004261	46.25562563	0	0.838017523	0	
28-Apr-24 15:00:00	27.92459106	0	0.906163397	1.094338966	0	13.38907928	1706.421266	284.2236877	0.000090	0.024903	0	0	0.000002	0.0004580	91.52054895	0	0.906163397	0	
28-Apr-24 16:00:00	27.54573296	0	0.895959796	1.037560714	0	13.38960467	1750.469473	284.5439148	0.000091	0.025285	0	0	0.000002	0.0004371	90.81271362	0.00438813	0.895959796	0	
28-Apr-24 17:00:00	26.73887062	0	0.841468096	0.981077562	0	13.38413239	1757.643921	281.9236281	0.000088	0.024481	0	0	0.000001	0.0004108	49.28641129	0	0.841468096	0	
28-Apr-24 18:00:00	26.34787178	0	0.776533902	0.911043942	0	13.32111931	1746.338135	283.1878574	0.000087	0.024048	0	0	0.000001	0.0003767	46.19243622	0	0.776533902	0	
28-Apr-24 19:00:00	25.1613638	0	0.741586566	0.898259939	0	13.32207816	1688.256104	281.0428637	0.000080	0.022260	0	0	0.000001	0.0003475	45.03273392	0	0.741586566	0	
28-Apr-24 20:00:00	24.28508949	0.004366484	0.674262762	0.82112664	0	13.29419327	1712.647705	283.2580054	0.000078	0.021736	1.9065E-08	5.4624E-06	0.000001	0.0003208	44.25041794	0.000164311	0.674262762	0	
28-Apr-24 21:00:00	23.82949826	0	0.70784986	0.847196508	0	13.27932892	1749.825733	284.6901978	0.000075	0.020875	0	0	0.000001	0.0003446	41.50421524	0	0.70784986	0	
28-Apr-24 22:00:00	20.88149788	0.369637866	0.902398088	1.03434067	3.748381268	14.03874793	1482.832275	188.798096	0.000058	0.016166	2.6758E-07	7.4327E-05	0.000001	0.0003717	42.0981647	0.117694484	0.902398088	5.347714001	
28-Apr-24 23:00:00	23.20660071	0	0.738208473	0.870378289	0	13.27350098	1670.013426	285.1645715	0.000070	0.018351	0	0	0.000001	0.0003424	45.54447479	0	0.738208473	0	
29-Apr-24 00:00:00	21.54587114	0.040288862	0.678258934	0.806593425	0	13.38281797	1728.574927	287.5069827	0.000070	0.019443	1.8174E-07	5.0482E-05	0.000001	0.0003244	38.39985135	0.073302515	0.678258934	0	
29-Apr-24 01:00:00	21.24319267	0.077504151	0.693477726	0.720896708	0	13.27468915	1733.380273	282.8011169	0.000060	0.016243	3.5164E-07	9.7677E-05	0.000001	0.0002867	38.65645947	0.133776483	0.693477726	0	
29-Apr-24 02:00:00	19.92165783	0	1.521952739	1.660155409	17.96180151	14.43595795	1298.013428	139.6779861	0.000047	0.013098	0	0	0.000002	0.0005353	43.74436043	0	1.521952739	38.42775511	
29-Apr-24 03:00:00	21.39069567	0.052002391	1.340839640	1.472427728	12.5471826	14.38318356	1232.979858	144.0380859	0.000050	0.013783	1.7198E-07	4.7517E-05	0.000002	0.0004382	45.687267	0.112850561	1.340839640	26.81044863	
29-Apr-24 04:00:00	21.24099927	0.075881843	1.340492249	1.470913629	12.73792273	14.40502234	1271.875903	144.5877948	0.000051	0.014117	2.5192E-07	6.9979E-05	0.000002	0.0004734	45.28735282	0.158932824	1.340492249	27.45540673	
29-Apr-24 05:00:00	21.59170914	0.005684212	1.199259788	1.338345434	11.82478237	14.37573859	1254.586571	144.2486542	0.000051	0.014279	2.1629E-08	6.0081E-06	0.000002	0.0004213	45.81981441	0.013844504	1.199259788	25.20048867	
29-Apr-24 06:00:00	20.80381603	0.034955625	1.327503204	1.476601753	14.16091583	14.39068157	1249.469496	143.9864812	0.000049	0.013684	1.1304E-07	3.14E-05	0.000002	0.0004887	44.24201684	0.073803794	1.327503204	30.31939892	
29-Apr-24 07:00:00	21.14982414	0.039120207	1.379232505	1.503301455	13.51103783	14.39971707	1289.781738	142.601069	0.000051	0.014245	1.3187E-07	3.6659E-05	0.000002	0.0004927	45.01155029	0.083305195	1.379232505	28.37237349	
29-Apr-24 08:00:00	20.91683278	0.074440198	1.419514418	1.360030026	13.08727837	14.41148472	1289.549927	147.325787	0.000051	0.014096	2.6127E-07	8.0798E-05	0.000002	0.0005084	44.82530809	0.159305545	1.419514418	29.91332283	
29-Apr-24 09:00:00	20.82920068	0.001638087	1.325834821	1.477379123	13.89977074	14.43560868	1295.641749	144.5539881	0.000051	0.014111	6.2391E-09	1.7331E-06	0.000002	0.0004774	44.89041984	0.004187356	1.325834821	29.5902807	
29-Apr-24 10:00:00	21.13869532	0.001996021	1.269940496	1.414137969	12.97870641	14.43264354	1294.210571	143.2753808	0.000050	0.013854	6.6646E-09	1.8207E-06	0.000002	0.0004424	46.23817062	0.025388237	1.269940496	27.97565852	
29-Apr-24 11:00:00	23.21321487	0	1.145992875	1.293741014	9.454512005	14.45250198	1287.754285	147.7334102	0.000054	0.014949	0	0	0.000001	0.0004009	47.75261588	0	1.145992875	20.39386519	
29-Apr-24 12:00:00	21.70379297	0	1.328714250	1.474237084	12.58767796	14.52256843	1360.23291	143.167572	0.000052	0.014656	0	0	0.000002	0.0004736	47.10390091	0	1.328714250	27.33881874	
29-Apr-24 13:00:00	21.28727722	0.001389013	0.958178559	1.098326491	8.264308802	14.3494573	1413.310547	174.8170013	0.000057	0.015723	5.0048E-09	1.4058E-06	0.000001	0.0003750	44.91553543	0	0.958176559	18.88070489	
29-Apr-24 14:00:00	21.60628129	0.003370035	0.870660078	1.008501172	0.154831172	13.99993779	1519.261963	304.4607697	0.000062	0.017163	1.3408E-08	3.7245E-06	0.000001	0.0003677	43.26322637	0.008713887	0.870680078	0.050040087	
29-Apr-24 15:00:00	27.34672546	0	0.960887422	1.100020685	0	13.35410713	1717.394287	353.4840088	0.000088	0.024544	0	0	0.000002	0.0004584	50.26784581	0	0.960887422	0	
29-Apr-24 16:00:00	27.43266487	0.005885584	0.768784885	0.913153589	0	13.38457482	1747.982225	380.5648057	0.000090	0.025050	1.6882E-08	4.6893E-06	0.000001	0.0003709	50.58037822	0	0.753784885	0	
29-Apr-24 17:00:00	28.39488258	0	0.834416867	0.970936087	0	13.37906745	1668.964263	258.1331177	0.000088	0.023969	0	0	0.000001	0.0003938	48.92589034	0	0.834416867	0	
29-Apr-24 18:00:00	22.22922326	4.44248E-05	1.241809249	1.383032284	9.487297068	14.54098972	1280.978271	142.9254509	0.000053	0.014649	1.4863E-10	4.6731E-08	0.000002	0.0004350	48.37532698	8.89758E-05	1.241809249	26.51123874	
29-Apr-24 19:00:00	26.10121727	0	0.871073981	1.012086887	0	13.31048692	1730.75144	283.768219	0.000085	0.023603	0	0	0.000002	0.0004157	47.92489048	0	0.871073981	0	
29-Apr-24 20:00:00	24.77854787	0	0.805141122	0.975014985	0	13.31489283	1707.047974	283.1021423	0.000080	0.022184	0	0	0.000001	0.0003960	45.26750848	0	0.805141122	0	
29-Apr-24 21:00:00	23.12981949	0	0.736884572	0.877479138	0	13.27360928	1682.098924	283.2348191	0.000074	0.020665	0	0	0.000001	0.0003443	42.77475077	0	0.736884572	0	
29-Apr-24 22:00:00	23.55678093	0.001785801	0.735306871	0.680199254	0	13.27841280	1745.322937	282.8971252	0.000075	0.021615	8.1632E-09	2.2675E-06	0.000001	0.0003506	43.07440867	0.003830197	0.735306871	0	
29-Apr-24 23:00:00	23.00468819	0.006659881	0.591244519	0.722961479	0	13.28073172	1718.168401	282.0236816	0.000074	0.020567	2.9821E-08	8.2836E-06	0.000001	0.0002822	41.86988113	0	0.591244519	0	
30-Apr-24 00:00:00	21.48330688	0	0.581710041	0.723656416	0	13.29536247	1724.204346	284.5640250	0.000070	0.019358	0	0	0.000001	0.0002788	39.14395523	0	0.581710041	0	
30-Apr-24 01:00:00	22.1329264	0	0.617052615	0.769379319	0	13.29799319	1716.052368	286.6681619	0.000071	0.019837	0	0	0.000001	0.0002940	40.03469086	0	0.617052615	0	
30-Apr-24 02:00:00	21.27591709	0.007179186	0.67447114	0.822226862	0	13.21746447	1703.906763	286.1003113	0.000069	0.018842	3.1996E-08	8.8877E-06	0.000001	0.0003192	38.38862991	0.004738286	0.67447114	0	
30-Apr-24 03:00:00	20.82900768	0.008450816	0.64873749	0.783228374	0	13.22375393	1710.608398	282.4089091	0.000067	0.018615	1.6324E-07	4.5346E-05	0.000001	0.0003083	37.59316254	0.069489405	0.64873749	0	
30-Apr-24 04:00:00	21.31371117	0.062604298	0.779987037	0.91376488	0	13.72889614	1707.296276	288.888910	0.000068	0.019017	2.8018E-07	7.7828E-05	0.000001	0.0003690	39.52813339	0.113770629	0.779987037	0	
30-Apr-24 05:00:00	20.94426721	0	0.683570623	0.80889039	0	13.25760833	1688.94165	281.5709632	0.000067	0.018481	0	0	0.000001	0.0003112	37.97288895	0	0.683570623	0	
30-Apr-24 06:00:00	21.11968231	0.07297128	0.647653103	0.764937362	0	13.37588568	1661.213623	257.7069037	0.000066	0.018336	3.134E-07	8.7054E-05	0.000001	0.0002968	38.39140701	0.12985082	0.647653103	0	
30-Apr-24 07:00:00	21.01395225	0.360788478	1.276975761	1.417985797	11.3898603	14.3735511	1259.815063	144.2595625	0.000050	0.013836	2.0038E-07	5.5665E-05	0.000002	0.0004469	44.58820257	0.128758772	1.276975761	24.01138667	
30-Apr-24 08:00:00	21.7160631	0.078032606	1.238598608	1.378484865	8.500489758	14.28451633	1287.756127	151.3881761	0.000053	0.014814	2.5625E-07	7.1181E-05	0.000002	0.0004432	45.38122008	0.162409091	1.238598608	18.84034748	
30-Apr-24 09:00:00	18.35242587	0	0.806603763	0.945585907	1.190489468	13.78090868	1517.488836	204.3202972	0.000055	0.015356	0	0	0.000001	0.0003401	37.71186417	0	0.806603763	2.481785774	
30-Apr-24 10:00:00	21.28704597	0.001088443	1.19819057	1.351745069	8.805364037	14.37904644	1323.447144	142.8124237	0.000053	0.014769	3.8087E-09	1.058E-06	0.000002	0.0004405	45.18548877	0.007658282	1.19819057	18.30882903	
30-Apr-24 11:00:00	20.93887803	0.378103094	1.202773571	1.360159063	5.987763884	14.39292225	1302.57981	169.4273578	0.000053	0.014801	2.6848E-07	7.4551E-05	0.000002	0.0004519	43.55286678	0.159744248	1.202773571	12.80284788	
30-Apr-24 12:00:00	20.73621814	0.089405803	1.258473892	1.403750777	8.731205864	14.37808219	1327.61145	182.9410795	0.000052	0.014387	3.106E-07	8.6361E-05	0.000002	0.0004841	44.51825477	0.189588708	1.258473892	18.44561822	
30-Apr-24 13:00:00	27.98343736	0.150101882	1.028743029	1.187597065	0	13.39990887	1759.787476	283.5471143	0.000092	0.025628	7.5749E-07	0.00020488	0.000002	0.0004929	51.47867472	0.295765473	1.028743029	0	
30-Apr-24 14:00:00	27.90541228	0.058980657	1.122277498	1.253725959	0	13.41491308	1742.901367	282.3032637	0.000092	0.025501	4.1832E-07	0.00011388	0.000002	0.0005433	52.04850936	0.157160834	1.122277498	0	
30-Apr-24 15:00:00	29.24450081	0.059114566	1.133685425	1.258908725	0	13.50857272	1753.193116	282.4411011	0.000097	0.026948	3.1699E-07	8.8007E-05	0.000002	0.0005542	54.59513288	0.129592211	1.133685425	0	
30-Apr-24 16:00:00	29.95671269	0.151322879	1.081276899	1.221187949	0	13.50287326	1709.60377	259.7399062	0.000099	0.027615	7.4738E-07	0.0002079	0.000002	0.0005316	55.934021	0.250981590	1.081276899	0	
30-Apr-24 17:00:00	24.53389549	0.042619564	0.865664562	1.008295694	0.089373331	13.67139039	1581.607061	213.1684209	0.000078	0.021664	1.742E-07	4.8386E-05	0.000001	0.0003756	51.07775032	0.081675473	0.865664562	0	
30-Apr-24 18:00:00	22.82609672	8.89291E-08	1.104697449	1.290133697	8.188287812	14.46354282	1283.083862	143.9925732	0.000055	0.015273	2.0733E-11	5.2592E-09	0.000001	0.0003937	50.25137711	0	1.104697449	11.77724256	
30-Apr-24 19:00:00	23.15621622	0.000572098	1.17148757	1.310339451	7.303407874	14.52015018	1293.380211	146.2921198	0.000056	0.015651	1.9412E-09	5.3923E-07	0.000002	0.0004209	50.23108673	0.000381509	1.17148757	17.11139878	
30-Apr-24 20:00:00	21.73182297	0	0.801140365	0.940436827	0.030000087	13.46637707	1659.771481	216.3963083	0.000070	0.019349	0	0	0.000001	0.0003471	45.44564001	0	0.801140365	0.076110659	
30-Apr-24 21:00:00	22.98665609	0.001234783	0.825556416	0.968127612	0	13.37942876	1686.135718	263.3903003	0.000073	0.020266	5.4615E-09	1.5144E-06	0.000001	0.0003559	41.60235291	0	0.825556416	0	
30-Apr-24 22:00:00	25.15347862	0.000104815	0.648294892	0.803057373	0	13.37747069	1723.332153	281.7530818	0.000072	0.019852	4.7282E-10	1.3134E-07	0.000001	0.0003094	40.2884407	0.00013088	0.648294892	0	
30-Apr-24 23:00:00	22.08434823	0	0.658887982	0.762137802	0	13.30868121	1703.353883	285.4510803	0.000071	0.019641	0	0	0.000001	0.0003118	40.28558976	0	0.658887982	0	
01-May-24 00:00:00	21.13942337	0.005478223	0.728811255	0.891880448	0.057585117	13.68734646	1557.186006	315.359787	0.000062	0.017263	2.233E-08	6.2037E-06	0.000001	0.0003106	40.90810852	0.0275837	0.728811255	0.07994129	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	18.60	0.00	0.59	0.66	0.00	13.11	1,022.92	139.19	0.00	0.01	0.00	0.00	0.00	0.00	36.54	0.00	0.58	0.00	
Maximum	29.96	0.70	1.61	1.78	23.94	14.61	1,848.60	309.66	0.00	0.03	0.00	0.00	0.00	0.00	58.63	1.28	1.61	30.60	
Avg	22.32	0.06	1.01	1.16	3.33	13.76	1,514.62	200.46	0.00	0.02	0.00	0.00	0.00	0.00	44.11	0.13	1.01	11.05	
Sum									0.03		0.00		0.00						
STD																			

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Apr-24 19:00:00	21.16509415	0	1.330213967	1.344290137	0	13.33133221	1780.835426	289.4379052	0.000071	0.019788	0	0	0.000002	0.0006658	38.73888971	0	1.339213967	0	
03-Apr-24 20:00:00	20.36531067	0	1.305519223	1.317254901	0	13.30544667	1799.630127	289.4217834	0.000069	0.019154	0	0	0.000002	0.0006526	37.17013931	0	1.305519223	0	
03-Apr-24 21:00:00	20.51670647	0	1.170291662	1.178642988	0	13.27120018	1774.308841	283.9952007	0.000068	0.019024	0	0	0.000002	0.0005788	37.29163864	0	1.170291862	0	
03-Apr-24 22:00:00	19.33583269	0	1.187264227	1.184340835	0	13.28213882	1745.303833	284.4841309	0.000063	0.017637	0	0	0.000002	0.0005856	35.19045429	0	1.187264223	0	
03-Apr-24 23:00:00	19.32534569	0	1.302787186	1.320137262	0	13.24175739	1763.275024	287.2581035	0.000064	0.017888	0	0	0.000002	0.0006381	34.96100281	0	1.302787185	0	
04-Apr-24 00:00:00	18.87874413	0	1.211000085	1.225861073	0	13.41696076	1683.60415	257.2332811	0.000060	0.016818	0	0	0.000002	0.0005661	34.97507069	0	1.211000085	0	
04-Apr-24 01:00:00	17.88587278	0	1.135841508	1.128137495	0	13.29329014	1732.029541	263.5928284	0.000058	0.016006	0	0	0.000002	0.0005463	32.21460942	0	1.135841808	0	
04-Apr-24 02:00:00	17.49033309	0	1.176398728	1.191372738	0	13.29090309	1751.350889	285.3508833	0.000058	0.016009	0	0	0.000002	0.0005733	31.84947581	0	1.176398728	0	
04-Apr-24 03:00:00	17.10605687	0	1.243438721	1.256072044	0	13.2904253	1778.635132	284.4058048	0.000057	0.015909	0	0	0.000002	0.0006142	31.16891949	0	1.243438721	0	
04-Apr-24 04:00:00	17.60901842	0	1.219213009	1.237820529	0	13.36895638	1730.827441	264.9043894	0.000057	0.015926	0	0	0.000002	0.0005861	31.97532573	0	1.219213009	0	
04-Apr-24 05:00:00	17.68950873	0	1.341870427	1.351522084	0	13.3235242	1666.340322	261.0205888	0.000058	0.015586	0	0	0.000002	0.0006288	33.34910253	0	1.341870427	0	
04-Apr-24 06:00:00	18.39245033	0	1.350053539	1.364800215	0.082610175	13.40217781	1740.572388	259.9560242	0.000060	0.016730	0	0	0.000002	0.0006578	33.29425858	0	1.350053539	0	
04-Apr-24 07:00:00	18.37320328	0	1.154352903	1.158801641	2.583718014	13.81092873	1357.200929	179.6574249	0.000047	0.013032	0	0	0.000002	0.0004352	35.92641481	0	1.154352903	5.568704128	
04-Apr-24 08:00:00	18.03170013	0	1.332197905	1.331263055	3.832927992	13.82437801	1314.110474	165.59888	0.000045	0.012384	0	0	0.000002	0.0004863	35.30079265	0	1.332197905	7.158112142	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Apr-24 09:00:00	18.83620598	0	1.143290281	1.16027802	4.698811631	13.92314816	1286.337303	170.7599797	0.000046	0.012891	0	0	0.000001	0.0004094	37.32944077	0	1.143290281	9.209701638	
04-Apr-24 10:00:00	17.92184429	0	1.091180086	1.094828317	8.106184928	13.94880828	1288.135864	159.9717888	0.000043	0.011843	0	0	0.000001	0.0003904	35.02724075	0	1.091180086	11.23060038	
04-Apr-24 11:00:00	18.78977394	0	1.049385183	1.083984608	8.366792	14.01489258	1304.828491	161.7808728	0.000045	0.012472	0	0	0.000001	0.0003883	38.78260803	0	1.049385183	12.58016777	
04-Apr-24 12:00:00	18.94718139	0	0.995049442	1.005360782	3.545317384	13.98203492	1328.122803	167.9318542	0.000047	0.013151	0	0	0.000001	0.0003864	37.98236084	0	0.995049445	7.309912348	
04-Apr-24 13:00:00	19.01396824	0	1.087150812	1.086831881	2.182543039	13.96450606	1355.89022	173.3526404	0.000048	0.013471	0	0	0.000001	0.0004084	37.91089249	0	1.087150812	4.343800845	
04-Apr-24 14:00:00	19.41872134	0	1.026330113	1.035452127	3.490829531	14.08159447	1373.274414	178.2582092	0.000050	0.013925	0	0	0.000001	0.0003812	39.43302917	0	1.026330113	7.112270355	
04-Apr-24 15:00:00	19.87077713	0	1.149254203	1.137148281	2.707269893	14.07997684	1431.159729	186.0918834	0.000054	0.014882	0	0	0.000002	0.0004569	40.34851074	0	1.149254203	5.368728816	
04-Apr-24 16:00:00	17.90358865	0	1.212252259	1.215689659	7.501431942	14.22004178	1300.684237	161.5401459	0.000044	0.012171	0	0	0.000002	0.0004380	37.11546326	0	1.212252259	15.38131847	
04-Apr-24 17:00:00	17.30436753	0	1.021800657	1.332629728	8.799938207	14.08474445	1271.514526	163.7010851	0.000041	0.011499	0	0	0.000001	0.0003609	35.16107941	0	1.021800637	17.92181395	
04-Apr-24 18:00:00	20.4575931	0	0.990716159	1.004781725	1.885847824	13.92295861	1344.129639	164.597312	0.000052	0.014371	0	0	0.000001	0.0003609	40.61326599	0	0.990716159	3.980083389	
04-Apr-24 19:00:00	18.84206314	0	1.137984301	1.150594831	2.885370694	13.88955883	1296.119287	157.2843658	0.000045	0.012629	0	0	0.000001	0.0004095	36.09913483	0	1.137984301	5.898003914	
04-Apr-24 20:00:00	16.30289820	0	1.273428859	1.279228091	14.65848422	14.14504337	1355.387695	154.0365753	0.000042	0.011531	0	0	0.000002	0.0004787	33.41842628	0	1.273428859	26.85342407	
04-Apr-24 21:00:00	17.14753151	0	1.023337245	1.047865358	9.188121347	13.9870214	1258.118921	153.7432558	0.000041	0.011274	0	0	0.000001	0.0003578	34.4878084	0	1.023337245	18.47293854	
04-Apr-24 22:00:00	17.37382662	0	1.158687074	1.165810414	5.347238427	13.93161969	1550.420983	209.917215	0.000051	0.014077	0	0	0.000002	0.0004990	34.53174873	0	1.158687074	9.527129173	
04-Apr-24 23:00:00	18.18100693	0	1.202547312	1.218813029	2.527297873	13.93969484	1587.332153	217.7148695	0.000053	0.014781	0	0	0.000002	0.0005262	35.63194558	0	1.202547312	4.998123848	
05-Apr-24 00:00:00	17.24425316	0	1.13938815	1.1496979	9.872059822	13.9677248	1178.78123	162.0413613	0.000038	0.010673	0	0	0.000001	0.0003731	34.49450302	0	1.13938815	19.77700648	
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06-Apr-24 19:00:00	21.5864211	0	1.271657689	1.291161404	0	13.31809846	1793.554721	257.2905104	0.000073	0.020245	0	0	0.000002	0.0006335	38.48193359	0	1.271557689	0	
06-Apr-24 20:00:00	20.72895102	0	1.188232303	1.190944791	0	13.32508929	1780.717163	257.2181885	0.000069	0.019201	0	0	0.000002	0.0005878	37.02266048	0	1.188232303	0	
06-Apr-24 21:00:00	20.38816281	0	1.203296781	1.211388588	0	13.3182889	1786.545021	258.9299622	0.000068	0.019036	0	0	0.000002	0.0005972	37.27938135	0	1.203296781	0	
06-Apr-24 22:00:00	20.13068229	0	1.157257438	1.167493109	0.044256982	13.68300707	1591.272926	238.5894275	0.000060	0.016762	0	0	0.000002	0.0005122	38.4903717	0	1.157257438	0.043793812	
06-Apr-24 23:00:00	20.20890808	0	1.156204104	1.162685494	0.07814265	13.62827969	1591.738525	219.2066345	0.000061	0.016811	0	0	0.000002	0.0005112	38.80227350	0	1.156204104	0.204435193	
07-Apr-24 00:00:00	17.65729659	0	1.174747487	1.169871071	31.79967358	14.29382098	1268.895433	165.7085419	0.000042	0.011626	0	0	0.000001	0.0004141	36.69116380	0	1.174747487	45.62768854	
07-Apr-24 01:00:00	18.44625282	0	1.058057427	1.079881833	0	13.29022028	1725.758127	261.1023885	0.000060	0.016637	0	0	0.000002	0.0005072	33.59610422	0	1.058057427	0	
07-Apr-24 02:00:00	19.59309789	0	1.112218022	1.124449497	0.081543621	13.481309	1636.666523	242.610721	0.000060	0.016759	0	0	0.000002	0.0005056	36.49670397	0	1.112218022	0.138431737	
07-Apr-24 03:00:00	20.67314380	0	1.273509782	1.283394933	0.063473332	13.51512627	1696.214722	238.6806841	0.000062	0.017235	0	0	0.000002	0.0005843	38.78078079	0	1.273509782	0.007949868	
07-Apr-24 04:00:00	18.36258098	0	1.274649024	1.284537783	5.073791027	13.96620796	1211.04187	155.6283722	0.000042	0.011622	0	0	0.000002	0.0004288	36.77877538	0	1.274649024	10.75570883	
07-Apr-24 05:00:00	18.71051788	0	1.338710095	1.333905458	10.1559906	14.13430906	1187.45459	147.7568337	0.000042	0.011611	0	0	0.000002	0.0004409	38.28949274	0	1.338710095	20.90440712	
07-Apr-24 06:00:00	17.36957603	0	1.570377469	1.571713209	19.32388401	14.061804	1166.725342	144.2089539	0.000038	0.010654	0	0	0.000002	0.0005089	35.19198608	0	1.570377469	38.83300313	
07-Apr-24 07:00:00	19.9817305	0	1.366838071	1.378163482	6.241228673	14.04362950	1158.870725	148.7918866	0.000043	0.012077	0	0	0.000002	0.0004400	40.27826309	0	1.366838071	12.63796489	
07-Apr-24 08:00:00	18.95100892	0	1.196343277	1.197482109	11.06675439	14.18188888	1193.376099	147.6461182	0.000043	0.011819	0	0	0.000001	0.0003872	38.68347244	0	1.196343277	23.89800483	
07-Apr-24 09:00:00	18.86822047	0	1.242132306	1.264453063	9.810721397	14.15498543	1174.891479	147.292072	0.000042	0.011584	0	0	0.000001	0.0004054	38.73060228	0	1.242132306	20.37921362	
07-Apr-24 10:00:00	18.43238542	0	1.160175085	1.167899013	10.6691144	14.18410301	1226.909546	151.671875	0.000043	0.011819	0	0	0.000001	0.0003954	37.09658833	0	1.160179085	21.81692776	
07-Apr-24 11:00:00	19.84830284	0	1.182975292	1.190750095	6.663891621	14.16741089	1229.775391	147.3108927	0.000046	0.012758	0	0	0.000001	0.0004041	40.61385967	0	1.182975292	13.19587002	
07-Apr-24 12:00:00	19.96545449	0	1.242315054	1.247579217	8.063367353	14.2580602	1201.750366	145.7324993	0.000044	0.012268	0	0	0.000001	0.0004147	40.78525116	0	1.242315054	16.92840956	
07-Apr-24 13:00:00	20.12644877	0	1.04714787	1.065080172	3.818214178	14.11480808	1334.47168	172.4390350	0.000051	0.014038	0	0	0.000001	0.0003887	41.09091949	0	1.04714787	7.524034891	
07-Apr-24 14:00:00	21.13609695	0	1.116086245	1.127102971	3.368604829	14.11035326	1288.134766	157.6479645	0.000050	0.013868	0	0	0.000001	0.0003925	43.17005639	0	1.116086245	6.898155441	
07-Apr-24 15:00:00	24.04279183	0	1.181482077	1.22227931	0	13.39851911	1677.597534	234.21497	0.000078	0.021679	0	0	0.000002	0.0005906	44.40700912	0	1.181482077	0	
07-Apr-24 16:00:00	22.11825682	0	1.204874835	1.219231963	0	13.54920816	1607.157393	230.5388519	0.000067	0.018577	0	0	0.000002	0.0005379	42.24441147	0	1.204874635	0	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Apr-24 17:00:00	23.10779953	0	1.278826475	1.29350242	0	13.58225765	1615.076638	230.1306332	0.000078	0.019984	0	0	0.000002	0.0005737	44.34516907	0	1.278826475	0	
07-Apr-24 18:00:00	22.87848375	0	1.304564834	1.332331777	0	13.57520962	1633.201626	231.6826434	0.000079	0.019626	0	0	0.000002	0.0005819	43.277771	0	1.304564834	0	
07-Apr-24 19:00:00	21.32208061	0	1.306350065	1.320423126	0	13.44170339	1707.131836	253.0922304	0.000068	0.019023	0	0	0.000002	0.0006196	39.61533358	0	1.306350065	0	
07-Apr-24 20:00:00	20.65762127	0	1.154440165	1.161172625	0	13.39219962	1667.229658	257.8064412	0.000064	0.017912	0	0	0.000002	0.0005346	37.94200134	0	1.154440165	0	
07-Apr-24 21:00:00	20.46134849	0	1.142083614	1.15870142	0	13.37458897	1713.831056	258.5298021	0.000065	0.018326	0	0	0.000002	0.0005478	37.67044449	0	1.142083614	0	
07-Apr-24 22:00:00	19.77876854	0	1.120888114	1.132446455	0	13.38719131	1712.890747	257.1437073	0.000064	0.017705	0	0	0.000002	0.0005333	36.39140701	0	1.120888114	0	
07-Apr-24 23:00:00	19.49280322	0	1.130481601	1.135021806	0	13.30541693	1709.476756	258.2258659	0.000063	0.017414	0	0	0.000002	0.0005368	35.65417039	0	1.130481601	0	
08-Apr-24 00:00:00	18.75940614	0	1.182879925	1.185066505	0	13.43873706	1643.287109	261.2072571	0.000058	0.016119	0	0	0.000002	0.0005399	34.83106067	0	1.182879925	0	
08-Apr-24 01:00:00	19.13245964	0	1.118932128	1.12693274	0	13.36509466	1713.150259	256.7929382	0.000062	0.017129	0	0	0.000002	0.0005325	35.17760241	0	1.118932128	0	
08-Apr-24 02:00:00	20.20615607	0	1.118371606	1.126867066	0.09787643	13.54096699	1620.008545	244.1609066	0.000062	0.017192	0	0	0.000002	0.0005033	38.23410797	0	1.118371606	0.009575747	
08-Apr-24 03:00:00	19.30171394	0	1.244496942	1.290709047	0.267943201	13.61349487	1654.248779	241.1092529	0.000060	0.016657	0	0	0.000002	0.0005719	36.71187466	0	1.244496942	0.067979351	
08-Apr-24 04:00:00	19.4735181	0	1.281220066	1.295512876	0.686246217	13.62201091	1648.182495	238.0530762	0.000060	0.016773	0	0	0.000002	0.0005866	37.06433457	0	1.281220066	1.713931547	
08-Apr-24 05:00:00	20.41779618	0	1.415584803	1.441169024	0.737362603	13.59420338	1617.740112	243.2750397	0.000062	0.017262	0	0	0.000002	0.0006361	39.25716637	0	1.416584803	1.110476732	
08-Apr-24 06:00:00	16.9491024	0	1.386763234	1.377175642	0	13.34786034	1712.5364	255.5328064	0.000055	0.015186	0	0	0.000002	0.0006582	31.10708618	0	1.386763234	0	
08-Apr-24 07:00:00	19.22797857	0	1.308254957	1.310152769	9.629496482	14.17655067	1156.98665	143.617157	0.000042	0.011622	0	0	0.000002	0.0004203	39.59246826	0	1.308254957	20.10909081	
08-Apr-24 08:00:00	18.44664102	0	1.397871614	1.415394068	18.75970725	14.24731169	1186.490615	142.9322962	0.000041	0.011438	0	0	0.000002	0.0004607	38.3901329	0	1.397871614	39.09643087	
08-Apr-24 09:00:00	19.75264685	0	1.218488242	1.256654165	0.069521943	13.48266792	1696.148926	250.4360962	0.000063	0.017538	0	0	0.000002	0.0005738	36.89785767	0	1.216488242	0	
08-Apr-24 10:00:00	19.8169136	0	1.255686074	1.282432199	11.36590203	14.26443005	1184.662231	145.5475983	0.000044	0.012269	0	0	0.000001	0.0004133	41.34558198	0	1.255680674	23.57345953	
08-Apr-24 11:00:00	19.20148468	0	1.207182288	1.221434116	3.366149664	13.99913406	1453.751343	191.4320068	0.000053	0.014588	0	0	0.000002	0.0004875	38.54901123	0	1.207182288	6.697710323	
08-Apr-24 12:00:00	20.83475494	0	1.241076589	1.256817294	7.029718399	14.31325631	1173.009644	142.4187164	0.000046	0.012772	0	0	0.000001	0.0004044	43.78645977	0	1.241076589	15.68720436	
08-Apr-24 13:00:00	20.40018845	0	1.275510192	1.291762352	0	13.38500118	1714.221069	269.854126	0.000072	0.020068	0	0	0.000002	0.0006074	41.30064011	0	1.275510192	0	
08-Apr-24 14:00:00	23.35177422	0	1.342134118	1.36885565	0	13.45430859	1794.080795	261.1481182	0.000079	0.021962	0	0	0.000002	0.0006691	43.48165029	0	1.342134118	0	
08-Apr-24 15:00:00	24.28136828	0	1.463758945	1.474682735	0	13.47170067	1781.266681	262.6604336	0.000080	0.022369	0	0	0.000003	0.0007181	45.29837799	0	1.463758945	0	
08-Apr-24 16:00:00	24.25150871	0	1.417855423	1.426409005	0	13.4532597	1746.656273	259.0544434	0.000080	0.022137	0	0	0.000002	0.0006879	45.17637253	0	1.417885423	0	
08-Apr-24 17:00:00	23.56575752	0	1.417328596	1.428845478	0	13.41278169	1712.578421	259.3459842	0.000076	0.021083	0	0	0.000002	0.0006742	43.59502792	0	1.417328596	0	
08-Apr-24 18:00:00	20.83704376	0	1.405658789	1.436077714	9.594184873	14.34845635	1171.596191	142.7735901	0.000046	0.012758	0	0	0.000002	0.0004678	44.02219009	0	1.405658789	20.38467823	
08-Apr-24 19:00:00	20.92996181	0	1.277701974	1.289139913	0	13.37607656	1766.790161	263.731781	0.000070	0.019388	0	0	0.000002	0.0006261	38.56406691	0	1.277701974	0	
08-Apr-24 20:00:00	20.84395027	0	1.066016893	1.095243024	5.738543179	14.22889914	1228.585615	150.9553625	0.000048	0.013383	0	0	0.000001	0.0003706	43.24967957	0	1.066016893	11.69250751	
08-Apr-24 21:00:00	20.98400047	0	1.175079107	1.191211104	0	13.42584513	1750.699902	263.9308777	0.000069	0.019174	0	0	0.000002	0.0005718	38.87834187	0	1.175079107	0	
08-Apr-24 22:00:00	20.82136728	0	1.139766335	1.156069638	0	13.39298021	1756.195947	260.5372561	0.000069	0.019114	0	0	0.000002	0.0005561	38.42927561	0	1.139766335	0	
08-Apr-24 23:00:00	17.41737368	0	1.326078176	1.350838635	7.987369723	14.14516544	1393.902590	160.4198342	0.000046	0.012884	0	0	0.000002	0.0005133	35.70948029	0	1.326078176	16.09617479	
09-Apr-24 00:00:00	19.8393281	0	1.31681478	1.323523641	12.58203411	14.27094078	1187.550903	144.0683394	0.000044	0.012169	0	0	0.000002	0.0004344	41.02335739	0	1.31681478	26.86560317	
09-Apr-24 01:00:00	18.63672266	0	1.182922721	1.188525319	0	13.35224915	1759.931274	255.5268525	0.000062	0.017141	0	0	0.000002	0.0005783	34.22325616	0	1.182922721	0	
09-Apr-24 02:00:00	18.36709858	0	1.164302716	1.171902695	0	13.34694959	1757.216872	264.6039734	0.000061	0.016886	0	0	0.000002	0.0005634	33.73188782	0	1.154302716	0	
09-Apr-24 03:00:00	17.42738593	0	1.338212013	1.346319686	15.81097148	14.22399712	1250.861011	167.0791626	0.000041	0.011381	0	0	0.000002	0.0004649	36.14686367	0	1.338212013	32.49087143	
09-Apr-24 04:00:00	19.06222222	0	1.428605914	1.441870213	11.66222964	14.19419765	1137.450785	142.7792511	0.000041	0.011325	0	0	0.000002	0.0004514	39.34021376	0	1.428605914	24.06842914	
09-Apr-24 05:00:00	19.16069077	0	1.522518754	1.532076047	13.00729501	14.21937847	1164.950317	144.1611938	0.000042	0.011577	0	0	0.000002	0.0004927	39.75809479	0	1.522518754	27.00178239	
09-Apr-24 06:00:00	19.21864973	0	1.514124513	1.624664919	12.31960765	14.20432243	1152.421993	143.5184531	0.000042	0.011575	0	0	0.000002	0.0004847	39.7275001	0	1.514124513	25.63262926	
09-Apr-24 07:00:00	19.17365126	0	1.442550428	1.442154183	11.53962449	14.19915480	1128.026877	143.3658502	0.000041	0.011387	0	0	0.000002	0.0004526	39.52314506	0	1.442550428	23.80296655	
09-Apr-24 08:00:00	19.24399370	0	1.583375454	1.598684305	12.38428954	14.16590265	1163.471313	143.22341	0.000042	0.011601	0	0	0.000002	0.0005073	39.51108017	0	1.583375454	25.97862245	
09-Apr-24 09:00:00	19.08124542	0	1.340528380	1.342021346	0	13.36028764	1756.418579	256.4466868	0.000063	0.017515	0	0	0.000002	0.0005640	36.08261108	0	1.340528369	0	
09-Apr-24 10:00:00	18.71659824	0	1.214123726	1.218332061	0	13.36612511	1773.196411	262.743103	0.000062	0.017334	0	0	0.000002	0.0005077	34.42119217	0	1.214123726	0	
09-Apr-24 11:00:00	19.65733796	0	1.172980497	1.190170169	0	13.39227559	1692.752503	261.6732107	0.000063	0.017587	0	0	0.000002	0.0005514	36.36675317	0	1.172980497	0	
09-Apr-24 12:00:00	20.59878517	0	1.146931171	1.16122854	0	13.37330151	1768.585205	261.1885081	0.000066	0.018901	0	0	0.000002	0.0005606	37.90673474	0	1.146931171	0	
09-Apr-24 13:00:00	22.0111084	0	1.214517156	1.199377537	0	13.39589214	1765.644409	263.3574316	0.000073	0.020311	0	0	0.000002	0.0005958	40.64614105	0	1.214817169	0	
09-Apr-24 14:00:00	22.23700714	0	1.140524626	1.154867847	0	13.40919113	1768.334351	262.9068126	0.000074	0.020527	0	0	0.000002	0.0005606	41.13307845	0	1.140524629	0	
09-Apr-24 15:00:00	22.32258176	0	1.201678965	1.217715383	0	13.43752996	1763.591309	260.3443298	0.000074	0.020574	0	0	0.000002	0.0005887	41.44539650	0	1.201678965	0	
09-Apr-24 16:00:00	22.64394193	0	1.097429519	1.101614118	0	13.40299682	1768.700439	261.1619873	0.000075	0.020931	0	0	0.000002	0.0005367	41.84992218	0	1.097429619	0	
09-Apr-24 17:00:00	22.65540314	0	1.145891358	1.158683614	0.056692179	13.46481695	1686.920238	242.9288164	0.000072	0.020068	0	0	0.000002	0.0005384	42.71530914	0	1.145891358	0.01071931	
09-Apr-24 18:00:00	19.17149544	0	1.459968673	1.485268712	13.70936249	14.34934807	1176.367554	143.2298279	0.000043	0.011868	0	0	0.000002	0.0004779	40.5164296	0	1.459968673	29.04615784	
09-Apr-24 19:00:00	20.47310068	0	1.341564169	1.360065218	0	13.37801602	1729.57373	260.8709412	0.000067	0.018565	0	0	0.000002	0.0006445	37.70730591	0	1.341564165	0	
09-Apr-24 20:00:00	17.95512199	0	1.784546366	1.818429304	14.22150698	14.27130316	1294.043335	183.1432648	0.000043	0.012048	0	0	0.000002	0.0006401	37.49183818	0	1.794548358	30.28403854	
09-Apr-24 21:00:00	20.00704193	0	1.366707663	1.382961154	0	13.37414846	1710.054665	263.5604175	0.000064	0.017888	0	0	0.000002	0.0006492	36.84381485	0	1.366707663	0	
09-Apr-24 22:00:00	18.79385076	0	1.314769626	1.32126926	7.178116813	14.08100041	1227.410278	148.0288649	0.000043	0.012069	0	0	0.000002	0.0004483	38.17782211	0	1.314769626	14.45141029	
09-Apr-24 23:00:00	20.33241382	0	1.171578169	1.190224764	2.336830917	13.92975044	1371.179932	186.5335646	0.000052	0.014569	0	0	0.000002	0.0004482	40.38411713	0	1.171578169	4.273816686	
10-Apr-24 00:00:00	18.69145126	0	1.440117002	1.44058453	15.32408998	14.24666591	1185.026587	143.077774	0.000042	0.011762	0	0	0.000002	0.0004740	39.5272168	0	1.440117002	32.04637146	
10-Apr-24 01:00:00	18.08546685	0	1.228006386	1.258611207	0	13.3411541	1700.0695	262.7372437	0.000058	0.016069	0	0	0.000002	0.0005799	33.161371	0	1.228008369	0	
10-Apr-24 02:00:00	18.27420235	0	1.189242721	1.194683063	0	13.28893807	1698.69675	253.0222778	0.000056	0.016223	0	0	0.000002	0.0005611	33.27359618	0	1.189242721	0	
10-Apr-24 03:00:00	18.44822993	0	1.348509715	1.354190613	8.818288471	13.91661364	1656.740356	229.0631409	0.000059	0.013829	0	0	0.000002	0.0006018	33.53481522	0	1.348509715	13.63587475	
10-Apr-24 04:00:00	19.18328882	0	1.408811092	1.422862291	14.42748451	14.20034122	1158.840097	142.8352833	0.000042	0.011817	0	0	0.000002	0.0004539	39.61380666	0	1.408811092	29.80038823	
10-Apr-24 05:00:00	18.94266371	0	1.433559829	1.44335061	13.91661166	14.16670723	1166.36228	142.7613831	0.000042	0.011746	0	0	0.000002	0.0004724	38.95646503	0	1.433559829	28.0066453	
10-Apr-24 06:00:00	20.54569092	0	1.437302828	1.443814168	6.221091106	14.02874947	1206.908057	147.4966322	0.000047	0.013018	0	0	0.000002	0.0004817	41.60884857	0	1.437302826	13.01731873	
10-Apr-24 07:00:00	19.28986158	0	1.461109042	1.477320021	12.10978723	14.16904999	1159.880036	143.8090973	0.000042	0.011693	0	0	0.000002	0.0004706	39.62270355	0	1.461109042	24.98742249	
10-Apr-24 08:00:00	19.2737751	0	1.364451408	1.371293902	12.42973518	14.14793528	1167.096789	143.4248199	0.000042	0.011656	0	0	0.000002	0.0004388	39.6379007	0	1.364451406	25.56506259	
10-Apr-24 09:00:00	15.99977396	0	1.593007584	1.598459627	12.24855328	13.95999865	1490.368862	192.14013	0.000045	0.012482	0	0	0.000002	0.0005596	31.96252991	0	1.593007684	24.61474609	
10-Apr-24 10:00:00	18.68216133	0	1.401063323	1.40850789	16.02144432	14.2202475	1177.474609	143.6612479	0.000041	0.011486	0	0	0.000002	0.0004583	36.73701096	0	1.401063323	31.34589767	
10-Apr-24 11:00:00	19.28063966	0	1.210164428	1.218754317	0.03119112	13.38113089	1693.044678	256.1182404	0.000061	0.017069	0	0	0.000002	0.0005091	35.54198837	0	1.210164428	0.015334007	
10-Apr-24 12:00:00	20.26424217	0	1.308370447	1.233564134	7.95073106	14.21107878	1138.837769	144.4498444	0.000043	0.012639	0	0	0.000001	0.0003816	41.94574738	0	1.308370447	16.20216967	
10-Apr-24 13:00:00	20.12794686	0	1.154480338	1.148668736	0	13.41033911	1671.348191	262.0721741	0.000063	0.017581	0	0	0.000002	0.0005360	37.47651181	0	1.154480338	0	
10-Apr-24 14:00:00	20.86580412	0	1.145378027	1.149086833	1.243709297	13.88162921	1599.178549	226.2206573	0.000063	0.017438	0	0	0.000002	0.0005086	41.56549666	0	1.145378027	2.462762591	
10-Apr-24 15:00:00	21.14583914	0	1.151287079	1.162477881	0	13.47099209	1714.362417	259.713502	0.000066	0.018048	0	0	0.000002	0.0005483	38.46525069	0	1.151287079	0	
10-Apr-24 16:00:00	23.45439811	0	1.151319981	1.160083148	0	13.59085678	1681.904063	250.7460482	0.000074	0.020616	0	0	0.000002	0.0005379	44.46087264	0	1.151319981	0	
10-Apr-24 17:00:00	21.19235992	0	1.085444806	1.083738565	0.005657173	13.43735642	1761.316695	253.8240358	0.000070	0.019687	0	0	0.000002	0.0005311	39.3638879	0	1.085444806	0.008187876	
10-Apr-24 18:00:00	19.9169623	0	1.436219831	1.440959334	13.44164944	14.2892055	1184.783672	143.9914246	0.000044	0.012124	0	0	0.000002	0.0004647	41.73406601	0	1.436219031	28.05314854	
10-Apr-24 19:00:00	18.37220834	0	1.302928793	1.299825408	15.44313335	14.17608547	1397.931152	193.1170654	0.000043	0.011856	0	0	0.000002	0.0005858	33.43220901	0	1.302928793	32.30241394	
10-Apr-24 20:00:00	19.0138588	0	1.214278076	1.219029188	0	13.39010909	1744.257031	261.9463403	0.000062	0.017336	0	0	0.000002	0.0005650	35.09687806	0	1.214278075	0	
10-Apr-24 21:00:00	20.19217781	0	1.324171782	1.335853643	0	13.38312149	1760.845459	260.1824951	0.000066	0.015439	0	0	0.000002	0.0006440	37.16023254	0	1.324171782	0	
10-Apr-24 22:00:00	20.64005647	0	1.277142701	1.267284374	0.091002524	13.55742931	1654.108619	249.4758608	0.000065	0.018015	0	0	0.000002	0.0005868	39.32491684	0	1.277142763	0	
10-Apr-24 23:00:00	17.97361176	0	1.328013873	1.336079454	0	13.08879645	1736.396729	261.3878784	0.000058	0.016213	0	0	0.000002	0.0005903	33.05852072	0	1.328013873	0	
11-Apr-24 00:00:00	16.10978253	0	1.471938464	1.483524203	11.3003912	14.02489691	1491.936769	194.8839058	0.000048	0.012678	0	0	0.000002	0.0006104	33.2530986	0	1.471938464	22.74100113	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:00

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Apr-24 01:00:00	17.89016840	0	1.270081876	1.263658285	0	13.40917778	1695.180009	250.5905131	0.000057	0.015013	0	0	0.000002	0.0005981	33.28419426	0	1.270081879	0	
11-Apr-24 02:00:00	18.93501952	0	1.242930412	1.256612778	0.112560066	13.44625043	1683.193481	254.5032289	0.000060	0.016606	0	0	0.000002	0.0005811	35.2071226	0	1.242930412	0.095867452	
11-Apr-24 03:00:00	20.30357716	0	1.23190946	1.22889063	10.01347923	14.17925987	1166.968433	145.6399204	0.000045	0.012382	0	0	0.000001	0.0003993	41.82134628	0	1.23190546	20.73108194	
11-Apr-24 04:00:00	19.27447701	0	1.579723477	1.503481627	16.6612413	14.19848824	1191.186232	143.6637158	0.000043	0.011909	0	0	0.000002	0.0005227	39.92370377	0	1.579723477	34.45867376	
11-Apr-24 05:00:00	18.07491423	0	1.580425041	1.589225996	25.88578796	14.2180481	1154.104781	142.5715332	0.000039	0.010901	0	0	0.000002	0.0005098	37.45037842	0	1.589426041	56.65671616	
11-Apr-24 06:00:00	17.05713272	0	1.487373114	1.504049391	0	13.39192677	1749.816801	261.2758484	0.000056	0.015586	0	0	0.000003	0.0007229	31.48144913	0	1.487373114	0	
11-Apr-24 07:00:00	20.23561659	0	1.306748463	1.313152858	10.39660767	14.1697073	1137.946558	143.5406273	0.000043	0.012634	0	0	0.000001	0.0004127	41.82050997	0	1.306748463	21.64584706	
11-Apr-24 08:00:00	19.7634716	0	1.453775098	1.467437029	15.36784733	14.22830182	1163.555627	144.3924103	0.000044	0.012226	0	0	0.000002	0.0004777	41.01274106	0	1.452775098	33.12133408	
11-Apr-24 09:00:00	17.3549386	0	1.432194114	1.482696965	9.970779419	14.06200481	1444.718094	191.8123047	0.000047	0.013183	0	0	0.000002	0.0005740	35.20588834	0	1.432194114	20.10974149	
11-Apr-24 10:00:00	19.82140923	0	1.437096002	1.434202081	12.84169822	14.24133824	1171.697388	145.3263397	0.000044	0.012137	0	0	0.000002	0.0004679	41.22596468	0	1.437696202	26.64437256	
11-Apr-24 11:00:00	20.56322479	0	1.471443416	1.478670749	10.04870046	14.21157846	1164.539796	143.6740062	0.000046	0.012738	0	0	0.000002	0.0004642	42.58765495	0	1.471443415	20.65885644	
11-Apr-24 12:00:00	20.19587138	0	1.399606466	1.408531785	12.24695301	14.28263474	1209.037842	142.8432454	0.000048	0.012761	0	0	0.000002	0.0004736	42.25415421	0	1.399606466	25.78380512	
11-Apr-24 13:00:00	21.93819048	0	1.305342913	1.319546819	5.059494724	14.18499938	1194.354614	141.9724420	0.000049	0.013683	0	0	0.000002	0.0004331	46.23781967	0	1.305342913	10.536973	
11-Apr-24 14:00:00	21.70335368	0	1.156781627	1.154109001	6.644571426	14.26702023	1198.764648	152.3630981	0.000049	0.013687	0	0	0.000001	0.0003849	45.3003273	0	1.156781627	14.4506979	
11-Apr-24 15:00:00	20.78533654	0	1.224081059	1.233314037	10.08701828	14.32420063	1165.251221	143.4266876	0.000048	0.012608	0	0	0.000001	0.0003967	43.75797277	0	1.224081038	20.85700845	
11-Apr-24 16:00:00	20.42711087	0	1.188143517	1.198783538	11.82132712	14.38434315	1183.05696	142.910141	0.000045	0.012630	0	0	0.000001	0.0003898	43.40694809	0	1.188143517	24.72035782	
11-Apr-24 17:00:00	20.38353348	0	1.200659394	1.221477032	10.48468113	14.57058442	1200.709717	140.5816867	0.000046	0.012791	0	0	0.000001	0.0004096	43.2344508	0	1.200659394	22.3897982	
11-Apr-24 18:00:00	20.10986496	0	1.319569608	1.332079291	11.05328679	14.52611084	1184.076712	142.282196	0.000044	0.012228	0	0	0.000002	0.0004287	42.31369836	0	1.319569608	23.30377087	
11-Apr-24 19:00:00	20.92887418	0	1.085509305	1.104257167	8.481288829	14.28531039	1264.076904	151.853000	0.000047	0.013168	0	0	0.000001	0.0003830	43.68783569	0	1.085509505	17.89481153	
11-Apr-24 20:00:00	19.79188821	0	1.24274828	1.265825748	0	13.42776289	1744.119895	250.7505798	0.000065	0.018040	0	0	0.000002	0.0006021	36.70290375	0	1.24274528	0	
11-Apr-24 21:00:00	18.49179258	0	1.367384686	1.381190658	0	13.36744978	1765.508800	264.0092153	0.000061	0.017043	0	0	0.000002	0.0006000	34.03886681	0	1.367384680	0	
11-Apr-24 22:00:00	18.10261917	0	1.480829736	1.475497245	0	13.33377442	1710.364492	262.7915344	0.000058	0.016181	0	0	0.000002	0.0006640	33.18657358	0	1.480829736	0	
11-Apr-24 23:00:00	18.68018341	0	1.125814094	1.131131768	0	13.32334642	1746.856957	258.2640861	0.000061	0.017054	0	0	0.000002	0.0005467	34.17094503	0	1.125814004	0	
12-Apr-24 00:00:00	18.92718353	0	1.120548725	1.125730932	0.083262712	13.47396281	1660.30624	239.6614728	0.000058	0.016077	0	0	0.000002	0.0005168	34.56317903	0	1.120648725	0	
12-Apr-24 01:00:00	17.4340477	0	1.176869985	1.191730605	0	13.34979057	1734.698938	258.5634008	0.000057	0.015865	0	0	0.000002	0.0005669	31.98502536	0	1.170569985	0	
12-Apr-24 02:00:00	18.60909843	0	1.273356603	1.285787913	16.13042164	14.1540575	1177.349825	145.4534392	0.000041	0.011458	0	0	0.000001	0.0004184	38.19131851	0	1.273356603	31.07435069	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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18-Apr-24 15:00:00	23.44027138	0	1.361159563	1.381794012	0	13.48488476	1769.033691	265.6901855	0.000078	0.021871	0	0	0.000002	0.0006880	43.68299866	0	1.361159563	0	
18-Apr-24 16:00:00	24.19985199	0	1.323724627	1.342282295	0	13.61288605	1774.582275	267.6708313	0.000081	0.022443	0	0	0.000002	0.0006526	45.40762711	0	1.323724627	0	
18-Apr-24 17:00:00	17.63047981	0	1.273540854	1.289383752	6.051326275	14.15609482	1381.523804	170.4721375	0.000045	0.012545	0	0	0.000002	0.0004817	38.23221588	0	1.273540854	12.57583496	
18-Apr-24 18:00:00	16.72230339	0	1.129051686	1.132963339	6.910174847	14.19380147	1177.581279	143.9825244	0.000044	0.012157	0	0	0.000001	0.0003093	40.71638107	0	1.129051686	14.12092743	
18-Apr-24 19:00:00	16.07452011	0	1.147334216	1.133685307	5.773336121	14.17121029	1202.24707	142.9869232	0.000043	0.011865	0	0	0.000001	0.0003832	39.25457001	0	1.147334216	16.77093506	
18-Apr-24 20:00:00	23.5876551	0	1.131274939	1.140635848	0.111564205	13.4695873	1843.786256	234.5940094	0.000073	0.020246	0	0	0.000002	0.0005185	43.25108795	0	1.131274939	0.053444214	
18-Apr-24 21:00:00	18.41518347	0	1.182321429	1.193273187	0	13.37015247	1765.817261	264.9162598	0.000061	0.016995	0	0	0.000002	0.0005790	33.59059882	0	1.182321429	0	
18-Apr-24 22:00:00	17.7739296	0	1.203086297	1.217273755	0	13.36012054	1797.093506	254.1665649	0.000060	0.016693	0	0	0.000002	0.0006006	32.81097388	0	1.203086257	0	
18-Apr-24 23:00:00	18.21658510	0	1.128545284	1.151438667	0	13.34709158	1733.306885	261.3092957	0.000059	0.016501	0	0	0.000002	0.0005434	33.41563116	0	1.128545284	0	
19-Apr-24 00:00:00	18.41345215	0	1.116687059	1.126813531	11.09577751	14.1696701	1212.425903	148.0944458	0.000042	0.011667	0	0	0.000001	0.0003781	37.89533401	0	1.116687059	22.83038635	
19-Apr-24 01:00:00	18.13870159	0	1.23627007	1.258913862	12.59818968	14.15292582	1163.003784	145.9342041	0.000039	0.010929	0	0	0.000001	0.0003900	37.25407623	0	1.23627007	25.88163517	
19-Apr-24 02:00:00	18.49103573	0	1.337181303	1.349848032	11.95959992	14.14102077	1205.66916	146.5581081	0.000042	0.011654	0	0	0.000002	0.0004479	37.85508583	0	1.337181303	24.69758074	
19-Apr-24 03:00:00	18.40297318	0	1.387892365	1.397796035	14.33806846	14.16631088	1201.275391	147.258399	0.000042	0.011553	0	0	0.000002	0.0004631	37.6331337	0	1.387892365	29.62521362	
19-Apr-24 04:00:00	18.25112534	0	1.370021254	1.374586521	13.09848439	14.11946947	1161.758911	147.0362219	0.000040	0.011081	0	0	0.000002	0.0004424	37.27985382	0	1.370021254	26.48779056	
19-Apr-24 05:00:00	18.75885033	0	1.407088199	1.410864472	11.18490601	14.1347206	1119.388062	145.8206329	0.000038	0.010641	0	0	0.000002	0.0004300	38.41901343	0	1.407088339	22.95823624	
19-Apr-24 06:00:00	16.27953911	0	1.525051694	1.532942533	14.28767881	14.07374859	1254.373535	160.9164875	0.000038	0.010672	0	0	0.000002	0.0005314	33.03121185	0	1.525051694	29.013737	
19-Apr-24 07:00:00	18.8354089	0	1.302776594	1.308704972	8.540710068	14.12879372	1184.888794	148.1550444	0.000042	0.011604	0	0	0.000002	0.0004288	38.51070023	0	1.302776594	17.06687114	
19-Apr-24 08:00:00	17.79190254	0	1.338031688	1.349438787	5.23193121	13.93705028	1585.459117	217.9374847	0.000053	0.014742	0	0	0.000002	0.0005093	35.37337112	0	1.338031688	10.83735771	
19-Apr-24 09:00:00	18.90841785	0	1.256577253	1.276969763	9.850673741	14.14481258	1135.30188	144.8938446	0.000040	0.011247	0	0	0.000001	0.0003873	38.75140782	0	1.256577253	20.29028511	
19-Apr-24 10:00:00	20.47841373	0	1.380051184	1.340598991	9.07331617	14.27417088	1190.850098	144.3135929	0.000046	0.012743	0	0	0.000002	0.0004400	42.78321838	0	1.380051184	18.83972092	
19-Apr-24 11:00:00	21.14450845	0	1.435586452	1.447612248	6.82793541	14.29737958	1183.544043	145.1443481	0.000047	0.013080	0	0	0.000002	0.0004720	44.34838544	0	1.435586452	14.11834591	
19-Apr-24 12:00:00	20.6989296	0	1.495184422	1.503092537	9.03531458	14.32868495	1236.713942	144.2984487	0.000049	0.013507	0	0	0.000002	0.0005136	44.01971054	0	1.495184422	19.03339081	
19-Apr-24 13:00:00	21.08020973	0	1.447691901	1.460059658	6.961190038	14.34894085	1222.072144	144.9364319	0.000048	0.013463	0	0	0.000002	0.0004814	44.54196548	0	1.447691901	14.69704578	
19-Apr-24 14:00:00	22.18576495	0	1.239728451	1.255873488	3.934864728	14.30363166	1239.065308	146.0066661	0.000052	0.014352	0	0	0.000002	0.0004267	46.52784023	0	1.239728451	8.14498575	
19-Apr-24 15:00:00	21.59428117	0	1.237605095	1.243369819	5.766210688	14.32909511	1208.60083	145.379303	0.000049	0.013639	0	0	0.000001	0.0004155	45.50368274	0	1.237605095	12.12187767	
19-Apr-24 16:00:00	21.6431942	0	1.140326023	1.15378906	5.025740147	14.3335228	1170.267212	146.0208748	0.000048	0.013237	0	0	0.000001	0.0003707	45.53216782	0	1.140326023	10.58652878	
19-Apr-24 17:00:00	22.00767217	0	1.244832933	1.257718329	4.460987615	14.34985638	1217.7148	145.1640968	0.000050	0.014005	0	0	0.000002	0.0004211	46.61982662	0	1.244832933	9.335545311	
19-Apr-24 18:00:00	21.54957581	0	1.190332651	1.212129116	5.452141285	14.31529608	1161.982568	143.4420013	0.000047	0.013685	0	0	0.000001	0.0003842	45.28468922	0	1.190332651	11.41498563	
19-Apr-24 19:00:00	19.0349617	0	1.193176085	1.198247194	11.02136083	14.20293808	1192.728882	145.2917938	0.000043	0.011865	0	0	0.000001	0.0003952	39.37299728	0	1.193176085	22.99549937	
19-Apr-24 20:00:00	19.49450111	0	1.153865457	1.172082026	0	13.32485199	1782.169678	265.9049402	0.000065	0.018157	0	0	0.000002	0.0005712	35.88707993	0	1.153865457	0	
19-Apr-24 21:00:00	19.7365851	0	1.203083992	1.219946431	0	13.35458036	1758.050781	263.5920105	0.000066	0.018237	0	0	0.000002	0.0005909	36.24449539	0	1.203083992	0	
19-Apr-24 22:00:00	19.08698273	0	1.308857322	1.309680343	0	13.3490482	1776.548763	264.4559937	0.000064	0.017721	0	0	0.000002	0.0006458	35.0194021	0	1.308857322	0	
19-Apr-24 23:00:00	19.00408495	0	1.179787509	1.196274042	0	13.34437858	1745.039429	264.0328664	0.000062	0.017331	0	0	0.000002	0.0005719	34.85525894	0	1.179787509	0	
20-Apr-24 00:00:00	19.40383693	0	1.180694818	1.186458301	0	13.39346027	1748.083228	258.4699707	0.000064	0.017733	0	0	0.000002	0.0005735	35.81989633	0	1.180694818	0	
20-Apr-24 01:00:00	17.83254975	0	1.143131733	1.159765344	0	13.3088582	1724.440918	264.0217285	0.000058	0.016071	0	0	0.000002	0.0005476	32.6377121	0	1.143131733	0	
20-Apr-24 02:00:00	18.42915396	0	1.210695606	1.220771631	0	13.34235954	1681.062256	258.5371582	0.000058	0.015968	0	0	0.000002	0.0005588	33.79771423	0	1.210695606	0.026936701	
20-Apr-24 03:00:00	18.29468706	0	1.244129419	1.250499854	2.883989998	13.8126287	1286.900259	164.9815173	0.000044	0.012304	0	0	0.000002	0.0004447	39.75679398	0	1.244129419	5.434399125	
20-Apr-24 04:00:00	18.95158195	0	1.446427107	1.452607512	10.29019737	14.13212872	1139.582031	144.6509399	0.000041	0.011267	0	0	0.000002	0.0004579	38.78379822	0	1.446427107	20.84342766	
20-Apr-24 05:00:00	18.02139091	0	1.49728775	1.506688599	14.03393384	14.17683315	1219.111084	143.9304504	0.000041	0.011482	0	0	0.000002	0.0005076	37.13361142	0	1.49728775	29.13142776	
20-Apr-24 06:00:00	18.00006583	0	1.431981444	1.442985218	13.30894184	14.18297245	1162.611206	143.9477539	0.000040	0.011740	0	0	0.000002	0.0004625	38.01308441	0	1.431981444	27.54587555	
20-Apr-24 07:00:00	18.33304917	0	1.30058692	1.302348465	13.71687787	14.13937585	1182.837036	144.9509254	0.000041	0.011333	0	0	0.000002	0.0004273	37.59143366	0	1.30058692	27.98585736	
20-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
20-Apr-24 17:00:00	23.63547897	0	1.458497763	1.46574676	0	13.46760203	1810.557861	258.0875854	0.000077	0.021415	0	0	0.000003	0.0007335	42.25178909	0	1.458497763	0	
20-Apr-24 18:00:00	24.79048198	0	1.212890983	1.222017288	0	13.50715629	1739.610352	264.617981	0.000081	0.022538	0	0	0.000002	0.0005861	46.45710373	0	1.212890983	0	
20-Apr-24 19:00:00	21.09572818	0	0.953320188	0.965572206	4.574314194	14.23089027	1214.495535	155.2173618	0.000048	0.013302	0	0	0.000001	0.0003218	43.79071435	0	0.953320188	9.384735107	
20-Apr-24 20:00:00	19.52334785	0	1.245509883	1.261844168	10.46822929	14.27238941	1186.174561	143.189740	0.000043	0.011899	0	0	0.000001	0.0004035	40.769207	0	1.245509883	21.8443678	
20-Apr-24 21:00:00	19.8131752	0	1.180514593	1.195428348	0.094174446	13.50534439	1622.314087	234.4194541	0.000060	0.016798	0	0	0.000002	0.0005320	37.13303976	0	1.180514593	0.137330945	
20-Apr-24 22:00:00	17.88873401	0	1.434518592	1.438840833	12.9915835	14.24847427	1278.901855	160.6364594	0.000043	0.011941	0	0	0.000002	0.0005000	37.1893959	0	1.434518592	27.1236979	
20-Apr-24 23:00:00	19.01116799	0	1.441054702	1.449275017	13.35881233	14.25322342	1165.644853	144.2743835	0.000042	0.011581	0	0	0.000002	0.0004680	39.50506607	0	1.441054702	27.82587108	
21-Apr-24 00:00:00	19.01508588	0	1.212018702	1.224840879	10.8866648	14.16868114	1225.73584	143.8267548	0.000044	0.012193	0	0	0.000001	0.0004127	39.15815735	0	1.212018702	21.96950073	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Apr-24 01:00:00	17.97144506	0	1.142193913	1.162786802	0	13.35658169	1716.580658	262.346383	0.000058	0.018122	0	0	0.000002	0.0005440	33.03569412	0	1.142193913	0	
21-Apr-24 02:00:00	17.25970106	0	1.07371251	1.102493094	0	13.3439579	1726.374758	263.3362927	0.000058	0.018186	0	0	0.000002	0.0005170	32.8967247	0	1.07371251	0	
21-Apr-24 03:00:00	17.96431137	0	1.20120883	1.206383301	0	13.27911568	1717.977051	260.058385	0.000058	0.018120	0	0	0.000002	0.0005732	33.55385818	0	1.20120883	0	
21-Apr-24 04:00:00	18.44768333	0	1.214389563	1.224060164	0.048916638	13.46772289	1665.105957	244.5167079	0.000057	0.015957	0	0	0.000002	0.0005583	34.40077209	0	1.214389563	0.092108976	
21-Apr-24 05:00:00	18.45711708	0	1.366235018	1.391584066	13.3437262	14.10606606	1178.704958	143.6087703	0.000041	0.011379	0	0	0.000002	0.0004473	37.87454224	0	1.366235018	27.42808914	
21-Apr-24 06:00:00	17.00237427	0	1.461907867	1.478654805	15.69873219	14.16871307	1148.070681	144.0025024	0.000039	0.010750	0	0	0.000002	0.0004608	35.9363049	0	1.461997867	32.88565445	
21-Apr-24 07:00:00	18.45996094	0	1.306893912	1.319025617	12.78357801	14.19570351	1162.305456	148.8822532	0.000041	0.011281	0	0	0.000002	0.0004244	38.12502289	0	1.306893912	26.2907827	
21-Apr-24 08:00:00	18.38379614	0	1.31740582	1.324918124	11.97488117	14.19221305	1138.746582	145.7362366	0.000039	0.010900	0	0	0.000001	0.0004158	37.89600372	0	1.31740582	24.78851355	
21-Apr-24 09:00:00	19.95176785	0	1.383413198	1.394187665	10.28254986	14.32853127	1133.256104	144.2482674	0.000043	0.011634	0	0	0.000002	0.0004355	42.0944252	0	1.383413198	21.53134537	
21-Apr-24 10:00:00	19.52026987	0	1.400855422	1.400531236	13.15092067	14.32953453	1162.148193	148.4519042	0.000042	0.011927	0	0	0.000002	0.0004640	41.12332916	0	1.400855422	27.95796883	
21-Apr-24 11:00:00	20.47371292	0	1.399037123	1.411230828	9.054403305	14.33324814	1187.347656	147.5631256	0.000045	0.012490	0	0	0.000002	0.0004537	43.16233444	0	1.399037123	19.1831012	
21-Apr-24 12:00:00	20.33483009	0	1.41189599	1.419739465	8.913656208	14.31925774	1160.780684	143.5849609	0.000044	0.012339	0	0	0.000002	0.0004553	42.79072571	0	1.41189599	18.70322909	
21-Apr-24 13:00:00	20.58581488	0	1.303299135	1.31729722	7.044282436	14.31433201	1210.696685	147.7317657	0.000047	0.013026	0	0	0.000002	0.0004303	43.27907181	0	1.303299135	14.75885173	
21-Apr-24 14:00:00	20.5570948	0	1.454019547	1.471490588	7.221380478	14.32175827	1219.136742	145.3223114	0.000047	0.013104	0	0	0.000002	0.0004924	43.28507041	0	1.454019647	15.45430061	
21-Apr-24 15:00:00	21.51720238	0	1.42839294	1.44497775	8.115267984	14.29590968	1214.677612	148.6542053	0.000049	0.013650	0	0	0.000002	0.0004820	45.11578781	0	1.42839294	12.54845142	
21-Apr-24 16:00:00	21.07482853	0	1.145392299	1.158793019	2.033802271	14.11619363	1335.478149	179.9538031	0.000053	0.014789	0	0	0.000002	0.0004240	43.03245569	0	1.145392299	3.945472624	
21-Apr-24 17:00:00	22.42261887	0	1.331682982	1.321308494	0.045072224	13.48857253	1636.633545	242.6387626	0.000069	0.019187	0	0	0.000002	0.0005050	41.92030168	0	1.331682682	0.000504611	
21-Apr-24 18:00:00	20.28190422	0	1.307733927	1.418400293	7.707108498	14.3152809	1181.519653	144.7919922	0.000045	0.012624	0	0	0.000002	0.0004587	42.85038153	0	1.307733927	16.24472046	
21-Apr-24 19:00:00	20.34049225	0	1.179969593	1.194529557	2.321800709	14.06205082	1321.198384	179.0812793	0.000051	0.014044	0	0	0.000002	0.0004330	41.19635773	0	1.179969653	4.614872486	
21-Apr-24 20:00:00	20.41092678	0	1.164779782	1.185403296	8.913446473	14.30189699	1161.133179	160.947996	0.000045	0.012599	0	0	0.000001	0.0003822	43.82684978	0	1.164779782	19.43995057	
21-Apr-24 21:00:00	20.59480258	0	1.171868563	1.162258525	0	13.38587475	1734.942871	265.2204285	0.000067	0.018673	0	0	0.000002	0.0005848	37.98024323	0	1.171868563	0	
21-Apr-24 22:00:00	19.74796151	0	1.118177201	1.128042936	0	13.40193066	1719.271118	260.6617944	0.000064	0.017744	0	0	0.000002	0.0005331	36.49639893	0	1.118177201	0	
21-Apr-24 23:00:00	20.12528038	0	1.14064002	1.160382528	0	13.35939693	1712.840088	260.041687	0.000065	0.018015	0	0	0.000002	0.0005427	36.97808466	0	1.14064002	0	
22-Apr-24 00:00:00	23.29852404	0	1.375446591	1.28352046	0.009482599	13.35876069	1684.130664	241.1313934	0.000074	0.020097	0	0	0.000002	0.0005972	42.98730042	0	1.375446591	0	
22-Apr-24 01:00:00	18.60210609	0	1.308543222	1.30450233	0	13.40308189	1717.7677	258.410614	0.000060	0.019699	0	0	0.000002	0.0005744	34.38317871	0	1.308543222	0	
22-Apr-24 02:00:00	18.56063481	0	1.370944023	1.384623885	0	13.41185951	1764.233701	260.4869074	0.000062	0.017114	0	0	0.000002	0.0005719	34.3445016	0	1.370944023	0	
22-Apr-24 03:00:00	19.870784	0	1.300117135	1.326118323	0	13.48538957	1671.751465	264.1003265	0.000062	0.017198	0	0	0.000002	0.0005627	36.74707031	0	1.300117135	0	
22-Apr-24 04:00:00	17.17061806	0	1.683089018	1.685634583	26.18980154	14.3673344	1233.151855	147.6250406	0.000040	0.011099	0	0	0.000002	0.0005765	36.32859039	0	1.683089018	56.55819046	
22-Apr-24 05:00:00	18.97821808	0	1.304963708	1.315581414	10.40228748	14.16953779	1175.026384	148.5004425	0.000042	0.011055	0	0	0.000002	0.0004260	39.23367909	0	1.304963708	21.67913528	
22-Apr-24 06:00:00	17.1488406	0	1.483282604	1.489732504	8.510261536	13.99473672	1374.434204	167.9580035	0.000044	0.012318	0	0	0.000002	0.0005083	34.3931694	0	1.483282604	17.21019862	
22-Apr-24 07:00:00	19.33089828	0	1.434769273	1.44380231	10.41828162	14.1633215	1142.310132	144.2044983	0.000042	0.011537	0	0	0.000002	0.0004561	39.74172211	0	1.434769273	21.28570175	
22-Apr-24 08:00:00	19.69852304	0	1.364796877	1.379083753	10.17168379	14.17599187	1150.774292	143.2188828	0.000043	0.011840	0	0	0.000002	0.0004383	40.54381943	0	1.364796877	21.03760147	
22-Apr-24 09:00:00	19.35716438	0	1.242496967	1.256040673	0.023985243	13.46905135	1671.512329	248.7228165	0.000061	0.016900	0	0	0.000002	0.0005769	35.08052495	0	1.242496967	0.036866592	
22-Apr-24 10:00:00	18.85380338	0	1.299987527	1.309729265	0	13.32837582	1781.490356	263.7475586	0.000063	0.017563	0	0	0.000002	0.0006433	34.48925926	0	1.299957527	0	
22-Apr-24 11:00:00	19.09930077	0	1.184368272	1.169983825	0	13.33168481	1724.982056	262.1030273	0.000064	0.017759	0	0	0.000002	0.0005579	35.35732114	0	1.184368272	0	
22-Apr-24 12:00:00	20.81327403	0	1.141469002	1.169164402	0	13.4097827	1754.486328	260.0322876	0.000068	0.018900	0	0	0.000002	0.0005583	38.12587357	0	1.141469002	0	
22-Apr-24 13:00:00	22.38446608	0	1.309786439	1.310198307	0	13.42645484	1608.927124	259.073509	0.000072	0.019875	0	0	0.000002	0.0006191	41.50793076	0	1.309786439	0	
22-Apr-24 14:00:00	24.93232727	0	1.266964912	1.289542437	0	13.67210102	1701.217041	243.0677338	0.000080	0.022187	0	0	0.000002	0.0005987	47.78916956	0	1.266964912	0	
22-Apr-24 15:00:00	23.74908283	0	1.232220948	1.254784436	0	13.4464813	1800.493652	263.1033325	0.000079	0.021877	0	0	0.000002	0.0006181	43.21987534	0	1.232220948	0	
22-Apr-24 16:00:00	22.38163902	0	1.206777526	1.227537038	0	13.46248722	1830.937476	262.0716894	0.000077	0.021392	0	0	0.000002	0.0006131	41.55967941	0	1.206777526	0	
22-Apr-24 17:00:00	19.91200826	0	1.149993777	1.141618729	8.959434706	14.31608679	1209.207002	142.9309142	0.000045	0.012595	0	0	0.000001	0.0003865	41.88160161	0	1.149993777	18.92902975	
22-Apr-24 18:00:00	20.58079629	0	1.139737248	1.162923217	7.642900487	14.32278912	1208.007813	142.2187958	0.000047	0.012971	0	0	0.000001	0.0003818	43.30918884	0	1.139737248	15.92868867	
22-Apr-24 19:00:00	19.25841622	0	1.179470181	1.18778862	7.789000088	14.02814514	1429.169189	191.0358258	0.000052	0.014384	0	0	0.000002	0.0004682	39.84838104	0	1.179470181	16.08682044	
22-Apr-24 20:00:00	19.8865557	0	1.158128977	1.123406784	0	13.40175152	1740.376923	253.7202148	0.000065	0.018096	0	0	0.000002	0.0005506	35.71207458	0	1.158128977	0	
22-Apr-24 21:00:00	20.08403642	0	1.175964693	1.187438888	0	13.39048684	1718.382793	264.543457	0.000065	0.018016	0	0	0.000002	0.0005610	37.61349268	0	1.175964693	0	
22-Apr-24 22:00:00	20.02140917	0	1.325278282	1.342914104	0.001595901	13.45840765	1667.184083	248.2575424	0.000063	0.017444	0	0	0.000002	0.0006137	37.27607413	0	1.325278282	0.002719336	
22-Apr-24 23:00:00	19.72976303	0	1.234908342	1.25424742	0	13.34924128	1721.568903	257.2062683	0.000062	0.017385	0	0	0.000002	0.0006007	35.29584503	0	1.234908342	0	
23-Apr-24 00:00:00	19.54556503	0	1.17276896	1.180825725	8.375158403	14.21180494	1152.878781	143.9155494	0.000043	0.011837	0	0	0.000001	0.0003758	40.88159064	0	1.17276896	17.1568797	
23-Apr-24 01:00:00	18.11307907	0	1.209531866	1.226298858	0	13.34731377	1740.598058	264.0221262	0.000059	0.016477	0	0	0.000002	0.0005842	33.21343286	0	1.209531866	0	
23-Apr-24 02:00:00	17.61344719	0	1.219365954	1.223351002	0	13.37532883	1703.757446	253.5075073	0.000056	0.015863	0	0	0.000002	0.0005771	32.21601321	0	1.219365954	0	
23-Apr-24 03:00:00	18.20527118	0	1.270129369	1.284291625	0	13.3073591	1690.584351	261.5048806	0.000058	0.016166	0	0	0.000002	0.0006096	33.22623062	0	1.270128369	0	
23-Apr-24 04:00:00	17.86017502	0	1.561414123	1.566833327	21.00472659	14.28473328	1170.317868	140.7749329	0.000039	0.010801	0	0	0.000002	0.0005078	38.96073914	0	1.561414123	43.96362918	
23-Apr-24 05:00:00	20.61794472	0	1.427187494	1.443169117	0.026335061	13.50724411	1604.610474	234.91022	0.000065	0.017936	0	0	0.000002	0.0006690	38.8472435	0	1.427137494	0.03719007	
23-Apr-24 06:00:00	18.16607149	0	1.396941662	1.408435464	1.69732979	13.67638302	1607.46813	224.2477675	0.000055	0.015200	0	0	0.000002	0.0006238	34.83044321	0	1.396941662	3.357745056	
23-Apr-24 07:00:00	18.73013496	0	1.493827071	1.503730297	13.42044067	14.17490014	1195.892944	143.9703064	0.000042	0.011700	0	0	0.000002	0.0004062	38.95749512	0	1.493827071	27.92521188	
23-Apr-24 08:00:00	18.43247685	0	1.566984883	1.586082088	14.99280807	14.18810844	1198.642822	146.0697632	0.000040	0.011142	0	0	0.000002	0.0005092	38.01908112	0	1.566984683	30.92285283	
23-Apr-24 09:00:00	17.7533989	0	1.442399283	1.45189738	16.78678444	14.24703035	1209.298462	142.3019562	0.000040	0.011192	0	0	0.000002	0.0004833	36.94688072	0	1.442399283	34.90986115	
23-Apr-24 10:00:00	18.18209076	0	1.43269074	1.442642093	13.56319427	14.2280038	1184.263458	142.7978973	0.000041	0.011253	0	0	0.000002	0.0004713	37.73117447	0	1.43269074	28.3226757	
23-Apr-24 11:00:00	18.64502979	0	1.387265609	1.390704513	12.22300081	14.22407732	1209.453003	143.1080325	0.000042	0.011758	0	0	0.000002	0.0004582	38.55705109	0	1.387265609	25.55169133	
23-Apr-24 12:00:00	18.90790749	0	1.317317129	1.325253904	11.04363945	14.23934174	1193.718187	143.8034363	0.000042	0.011796	0	0	0.000002	0.0004388	39.31969307	0	1.317317129	22.93259232	
23-Apr-24 13:00:00	20.78712799	0	1.213589403	1.228375318	0	13.37609851	1736.995943	256.7344714	0.000068	0.018883	0	0	0.000002	0.0005885	39.25038147	0	1.213589403	0	
23-Apr-24 14:00:00	20.41606885	0	1.371500731	1.366858457	4.688268226	14.15405179	1162.995972	141.0350647	0.000045	0.012633	0	0	0.000002	0.0004511	41.91234589	0	1.371500731	9.78035888	
23-Apr-24 15:00:00	18.24139208	0	1.309861527	1.318382632	4.109690936	14.06379125	1254.37854	171.0833362	0.000046	0.012911	0	0	0.000002	0.0004920	36.94495392	0	1.309861527	8.198259216	
23-Apr-24 16:00:00	17.71873474	0	1.272453308	1.269534256	9.680933252	14.24634381	1407.315581	165.5806029	0.000047	0.013020	0	0	0.000002	0.0004973	36.86817216	0	1.272453308	20.14797783	
23-Apr-24 17:00:00	20.08426094	0	1.345748544	1.356529491	10.32154469	14.32394695	1194.877803	143.2837962	0.000045	0.012542	0	0	0.000002	0.0004467	42.28327401	0	1.345748544	21.88414978	
23-Apr-24 18:00:00	20.81138131	0	1.285134196	1.298543811	9.616880734	14.36173945	1197.791748	143.5018311	0.000047	0.013627	0	0	0.000002	0.0004270	44.0728929	0	1.285134196	20.12537766	
23-Apr-24 19:00:00	19.87412071	0	1.440128102	1.440721093	11.12137604	14.38437225	1198.316845	142.9138852	0.000045	0.012448	0	0	0.000002	0.0004794	42.35487819	0	1.440128102	23.48050049	
23-Apr-24 20:00:00	20.96323373	0	1.258148481	1.241436028	0	13.42474891	1711.726318	255.3547821	0.000067	0.018744	0	0	0.000002	0.0005887	38.53056602	0	1.258148451	0	
23-Apr-24 21:00:00	20.36019136	0	1.325189537	1.349113873	0	13.44488049	1696.456926	257.5323792	0.000065	0.018651	0	0	0.000002	0.0006245	37.84769576	0	1.325189537	0	
23-Apr-24 22:00:00	19.2487368	0	1.41938741	1.448880061	0	13.48309708	1746.786865	255.6070404	0.000063	0.017578	0	0	0.000002	0.0005868	35.95711899	0	1.41938741	0	
23-Apr-24 23:00:00	19.1778065	0	1.385391831	1.411267893	0	13.39234181	1724.456431	255.3617706	0.000062	0.017284	0	0	0.000002	0.0006636	35.39392316	0	1.385391831	0	
24-Apr-24 00:00:00	16.82876587	0	1.32053267	1.345657469	12.69748093	14.00068699	1298.309676	181.0621442	0.000038	0.010639	0	0	0.000002	0.0004471	34.2168743	0	1.33053267	25.81124178	
24-Apr-24 01:00:00	19.42412378	0	1.208654199	1.31434844	0	13.43072691	1702.242188	258.0429382	0.000059	0.016390	0	0	0.000002	0.0006141	34.17923737	0	1.208654199	0	
24-Apr-24 02:00:00	17.05743869	0	1.274312377	1.28272537	0	13.40954876	1713.218384	256.1622926	0.000056	0.016078	0	0	0.000002	0.0006064	33.24094391	0	1.274312377	0	
24-Apr-24 03:00:00	18.0586052	0	1.394022348	1.410544187	0	13.43943214	1757.276667	257.9134218	0.000060	0.016683	0	0	0.000002	0.0005835	33.54165494	0	1.394022348	0	
24-Apr-24 04:00:00	18.52070608	0	1.276951787	1.287041684	0	13.44670737	1671.253938	253.4447632	0.000058	0.016176	0	0	0.000002	0.0005925	34.43164829	0	1.276951787	0	
24-Apr-24 05:00:00	18.24290327	0	1.308972238	1.319023728	0	13.40387344	1665.482179	256.9779068	0.000057	0.015884	0	0	0.000002	0.0005950	33.74530246	0	1.308972239	0	
24-Apr-24 06:00:00	18.87708347	0	1.210910082	1.221043709	0	13.34921455	1652.25989	257.1150208	0.000060	0.016085	0	0	0.000002	0.0005858	34.93298269	0	1.210910082	0	
24-Apr-24 07:00:00	18.3583889	0	1.417493483	1.424996614	4.13289081	13.93812168	1577.382271	217.1032567	0.000055	0.015139	0	0	0.000002	0.0006213	36.47888276	0	1.417493483	8.626880339	
24-Apr-24 08:00:00	17.93166779	0	1.33989856	1.344790492	0	13.8933888	1685.714988	258.7683372	0.000057	0.015787	0	0	0.000002	0.0006274	33.08770069	0	1.33989656	0	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Apr-24 09:00:00	19.07133539	0	1.371788363	1.371878188	0.729337923	13.70272256	1624.109487	242.2200775	0.000058	0.018187	0	0	0.000002	0.0006189	36.70377457	0	1.371788363	1.581458864	
24-Apr-24 10:00:00	20.48001882	0	1.289575563	1.289574747	0.187993197	13.14845733	1630.05690	216.6430064	0.000059	0.016378	0	0	0.000002	0.0005395	39.8782341	0	1.289375563	0.172268827	
24-Apr-24 11:00:00	19.74967803	0	1.15590771	1.19187483	0	13.34339933	1742.969871	263.6040771	0.000065	0.017990	0	0	0.000002	0.0005585	36.22998959	0	1.15590771	0	
24-Apr-24 12:00:00	18.95078626	0	1.241198138	1.253174943	11.42260015	14.3239851	1197.200935	142.3754883	0.000041	0.011474	0	0	0.000001	0.0003992	39.92481813	0	1.241198168	23.8237381	
24-Apr-24 13:00:00	20.4558098	0	1.144717097	1.162451388	0	13.39241888	1791.589458	263.8612573	0.000067	0.018673	0	0	0.000002	0.0005522	37.76060965	0	1.144717097	0	
24-Apr-24 14:00:00	22.70300817	0	1.18221085	1.192089272	0	13.44798788	1732.970581	250.0780436	0.000074	0.020584	0	0	0.000002	0.0005696	43.21969408	0	1.18221085	0	
24-Apr-24 15:00:00	21.9777317	0	1.215039690	1.223156497	0	13.44739403	1766.384645	261.7513123	0.000073	0.020219	0	0	0.000002	0.0005943	40.84250259	0	1.215339690	0	
24-Apr-24 16:00:00	23.69744873	0	1.178346809	1.193308473	0	13.45631027	1761.038818	261.2941814	0.000079	0.021818	0	0	0.000002	0.0005754	44.10431871	0	1.178345800	0	
24-Apr-24 17:00:00	19.68113825	0	1.179716468	1.200471453	6.937950134	14.38365413	1302.188819	157.8663373	0.000050	0.013823	0	0	0.000002	0.0004431	41.55854716	0	1.179716468	14.85248891	
24-Apr-24 18:00:00	20.78894557	0	1.207115054	1.22296879	8.016043518	14.38159103	1193.80749	143.0002900	0.000047	0.012675	0	0	0.000001	0.0004033	44.18004582	0	1.207115054	16.86030291	
24-Apr-24 19:00:00	20.75551414	0	1.258431005	1.223946791	9.408724785	14.33043860	1178.299194	143.6733361	0.000048	0.012751	0	0	0.000001	0.0003960	43.89260701	0	1.208431005	19.92918816	
24-Apr-24 20:00:00	18.09733063	0	1.185093075	1.192514658	7.210010108	14.14165211	1342.397158	171.0349213	0.000048	0.012768	0	0	0.000002	0.0004420	37.08058456	0	1.185043075	14.88871204	
24-Apr-24 21:00:00	19.82233238	0	1.085201144	1.088128209	0	13.37984278	1788.325073	263.4102783	0.000067	0.018365	0	0	0.000002	0.0005385	36.50469047	0	1.085201144	0	
24-Apr-24 22:00:00	20.04636955	0	1.337409562	1.353312903	8.643620069	14.19029586	1180.565848	141.799460	0.000045	0.012368	0	0	0.000002	0.0004388	41.38051857	0	1.337405662	18.32477203	
24-Apr-24 23:00:00	19.78032684	0	1.156338857	1.1610322	0	13.45818424	1646.086426	249.6806302	0.000061	0.017037	0	0	0.000002	0.0005289	36.83018875	0	1.156338857	0	
25-Apr-24 00:00:00	19.08597137	0	1.386087198	1.3882127	10.37148286	14.22003969	1183.107178	143.0249329	0.000042	0.011789	0	0	0.000002	0.0004490	39.84520442	0	1.386087198	21.38885406	
25-Apr-24 01:00:00	18.92103432	0	1.117742777	1.127294898	0.0716644	13.50553672	1657.494224	248.6340007	0.000059	0.016389	0	0	0.000002	0.0005145	35.45298787	0	1.117742777	0.085459201	
25-Apr-24 02:00:00	18.15167	0	1.284205198	1.301746229	15.24815332	14.15120947	1383.631128	172.1033325	0.000041	0.011405	0	0	0.000002	0.0004864	33.10769509	0	1.284205198	31.42723274	
25-Apr-24 03:00:00	18.8812708	0	1.450747838	1.467127881	13.31926441	14.19271584	1187.457129	143.4430013	0.000042	0.011893	0	0	0.000002	0.0004819	38.56259892	0	1.450747838	27.93214378	
25-Apr-24 04:00:00	19.52482798	0	1.481080313	1.482951483	11.71288267	14.18629299	1186.521484	143.0158386	0.000043	0.011903	0	0	0.000002	0.0004734	40.14983368	0	1.481080313	24.11474037	
25-Apr-24 05:00:00	18.8257019	0	1.483336971	1.473364051	13.24227908	14.18750865	1184.490148	143.5332842	0.000042	0.011536	0	0	0.000002	0.0004815	38.44390488	0	1.483336971	27.38708831	
25-Apr-24 06:00:00	18.41727986	0	1.430288169	1.440914869	13.34468681	14.19430125	1174.325293	143.5850963	0.000041	0.011309	0	0	0.000002	0.0004605	38.0214653	0	1.430288169	27.98399037	
25-Apr-24 07:00:00	18.78522592	0	1.399030447	1.401395326	10.51245872	14.17284183	1181.358595	143.7310181	0.000041	0.011407	0	0	0.000002	0.0004516	38.65433602	0	1.399030447	21.94852516	
25-Apr-24 08:00:00	18.23151507	0	1.430470824	1.445791652	15.58990867	14.22743511	1182.371924	143.3758545	0.000041	0.011428	0	0	0.000002	0.0004706	37.83875003	0	1.430470824	32.46333694	
25-Apr-24 09:00:00	19.00379808	0	1.187781426	1.190322181	0.04230258	13.84858372	1704.223833	251.3072206	0.000061	0.016925	0	0	0.000002	0.0005623	35.32014352	0	1.187781426	1.37841E-05	
25-Apr-24 10:00:00	20.40436791	0	1.1154989	1.129012585	3.5794909	13.99847721	1255.562817	172.9826099	0.000049	0.013487	0	0	0.000001	0.0003922	39.94518891	0	1.1154989	7.119810374	
25-Apr-24 11:00:00	18.29181644	0.266816225	1.032170663	1.030893693	0.025491904	13.69788144	1594.831134	238.3743134	0.000058	0.016200	1.1827E-08	0.00032852	0.000002	0.0004580	35.13815417	0.420085165	1.032170650	0	
25-Apr-24 12:00:00	20.44279009	0	1.065260766	1.069851139	11.16894398	14.3337386	1123.915620	138.3584525	0.000043	0.012003	0	0	0.000001	0.0003325	43.59434509	0	1.065260768	23.54480126	
25-Apr-24 13:00:00	21.17066299	0	1.080012742	1.093859023	0	13.30660775	1752.087445	263.4239882	0.000079	0.019380	0	0	0.000002	0.0005380	36.95809808	0	1.080012742	0	
25-Apr-24 14:00:00	22.12990652	0	1.088261843	1.075860123	0.292912483	13.82021045	1608.929757	198.1587503	0.000063	0.017423	0	0	0.000002	0.0004554	43.78601846	0	1.088261843	0.435279982	
25-Apr-24 15:00:00	23.86299253	0	1.157644494	1.1598171	0	13.43742634	1762.001259	261.2495422	0.000078	0.021542	0	0	0.000002	0.0005060	42.64628421	0	1.157644494	0	
25-Apr-24 16:00:00	24.94273868	0	1.122003586	1.130722256	0	13.44402904	1708.306541	261.847229	0.000084	0.023440	0	0	0.000002	0.0005905	45.34850737	0	1.122003586	0	
25-Apr-24 17:00:00	22.87518425	0	1.023569368	1.042674422	0.077316269	13.72988646	1585.497314	210.4197648	0.000068	0.018789	0	0	0.000002	0.0004505	43.8083735	0	1.023569368	0.088894583	
25-Apr-24 18:00:00	21.33557129	0	1.090861218	1.093544877	7.897774925	14.34858772	1172.15279	142.5913088	0.000047	0.013078	0	0	0.000001	0.0003652	45.07223887	0	1.090861218	16.3844178	
25-Apr-24 19:00:00	22.51880538	0	1.371113896	1.378178139	0	13.43585205	1707.304443	257.9640503	0.000072	0.020090	0	0	0.000002	0.0006303	41.81544789	0	1.37111389	0	
25-Apr-24 20:00:00	21.01901327	0	1.099686543	1.116808908	0	13.36466017	1762.486638	261.9870007	0.000070	0.019481	0	0	0.000002	0.0005445	38.6543841	0	1.099680543	0	
25-Apr-24 21:00:00	19.58476492	0	1.024409453	1.037821412	0	13.35534588	1741.191182	263.6838379	0.000065	0.017917	0	0	0.000002	0.0004995	36.15539169	0	1.024409453	0	
25-Apr-24 22:00:00	19.61750962	0	1.026399546	1.030060597	0	13.32449641	1732.377698	264.7781748	0.000064	0.017781	0	0	0.000002	0.0004940	35.84920178	0	1.026399548	0	
25-Apr-24 23:00:00	19.12911668	0	1.091172649	1.006450996	0	13.55604694	1706.130737	263.277771	0.000062	0.017080	0	0	0.000002	0.0005180	35.13279343	0	1.091172649	0	
26-Apr-24 00:00:00	19.91487122	0	1.025029912	1.03627193	0.056438132	13.49650319	1656.286743	247.851535	0.000062	0.017228	0	0	0.000002	0.0004714	37.06804088	0	1.025029812	0.024344113	
26-Apr-24 01:00:00	18.43211748	0	1.057481408	1.068478802	0	13.32540221	1742.9625	258.8093262	0.000060	0.016751	0	0	0.000002	0.0005117	35.73745133	0	1.057481408	0	
26-Apr-24 02:00:00	17.69142441	0	0.968339984	1.006075009	0	13.29111004	1758.772095	263.9180156	0.000058	0.016234	0	0	0.000002	0.0004881	32.15048881	0	0.968332084	0	
26-Apr-24 03:00:00	17.38406208	0	1.025889775	1.032242417	0	13.37419109	1693.906006	263.4500713	0.000055	0.015388	0	0	0.000002	0.0004841	31.92418015	0	1.025889775	0	
26-Apr-24 04:00:00	16.02876662	0	1.062158972	1.068911866	0	13.33937638	1708.913916	263.102388	0.000053	0.014741	0	0	0.000002	0.0004883	30.29853328	0	1.062158972	0	
26-Apr-24 05:00:00	16.67422571	0	1.14335836	1.157132108	0	13.40673542	1689.407227	257.4233788	0.000054	0.014806	0	0	0.000002	0.0005360	31.70252228	0	1.14335836	0	
26-Apr-24 06:00:00	17.64450798	0	1.275413276	1.289027097	0	13.39984322	1640.297729	238.3773804	0.000054	0.015046	0	0	0.000002	0.0005811	32.41290809	0	1.275413276	0	
26-Apr-24 07:00:00	18.80460187	0	1.401644468	1.418213885	13.56869372	14.17256306	1158.966396	144.3536071	0.000041	0.011300	0	0	0.000002	0.0004503	38.69732968	0	1.401644468	27.93500981	
26-Apr-24 08:00:00	18.53858408	0	1.490794301	1.506376267	17.83382979	14.14332473	1127.658203	144.7465915	0.000040	0.011102	0	0	0.000002	0.0004678	38.61347383	0	1.490794301	36.92584493	
26-Apr-24 09:00:00	19.20364818	0	1.173219442	1.177399616	0.08235298	13.41210588	1672.45167	250.5484569	0.000060	0.016754	0	0	0.000002	0.0005450	35.94814911	0	1.173219442	0.117258141	
26-Apr-24 10:00:00	20.43318387	0	1.209809288	1.222818084	7.325865474	14.14882622	1146.998436	142.8978252	0.000044	0.012237	0	0	0.000001	0.0003851	41.91707811	0	1.209809288	14.79422323	
26-Apr-24 11:00:00	20.00587434	0	1.32864464	1.335583138	9.288155257	14.17925644	1141.837095	142.9905009	0.000043	0.011941	0	0	0.000002	0.0004214	41.28278757	0	1.32864464	19.03877304	
26-Apr-24 12:00:00	19.84334692	0	1.348718824	1.347801515	12.15078735	14.327705	1212.128225	142.9987009	0.000045	0.012476	0	0	0.000002	0.0004541	40.86733796	0	1.348718624	25.25066002	
26-Apr-24 13:00:00	19.81893492	0	1.487432929	1.458848588	12.25787258	14.30827713	1174.816728	143.0202332	0.000044	0.012167	0	0	0.000002	0.0004789	41.52453842	0	1.487433929	27.38823331	
26-Apr-24 14:00:00	20.09541702	0	1.449089725	1.447222803	9.108788617	14.25417328	1185.631787	143.7873735	0.000046	0.012484	0	0	0.000002	0.0004777	41.98587659	0	1.449089725	19.17329623	
26-Apr-24 15:00:00	22.72337723	0	1.432907224	1.446798418	2.275433783	13.73889679	1881.668278	238.7368862	0.000071	0.019733	0	0	0.000002	0.0006014	43.93487558	0	1.432907224	3.637295310	
26-Apr-24 16:00:00	23.14823491	0	1.330326319	1.352122459	0	13.41364779	1772.39683	251.8365153	0.000077	0.021446	0	0	0.000002	0.0006080	42.67880347	0	1.330326316	0	
26-Apr-24 17:00:00	23.99306894	0	1.143938034	1.156072259	0	13.45089313	1726.254678	252.5087125	0.000078	0.021690	0	0	0.000002	0.0005485	44.65526284	0	1.143938834	0	
26-Apr-24 18:00:00	22.69779282	0	1.098918108	1.101391873	0.094181239	13.45338917	1858.251709	248.1174316	0.000071	0.019826	0	0	0.000002	0.0005047	42.59848340	0	1.098918106	0	
26-Apr-24 19:00:00	22.12087069	0	1.150900781	1.150789076	0	13.39891148	1733.912856	261.1500271	0.000072	0.020040	0	0	0.000002	0.0005340	40.8771683	0	1.150900781	0	
26-Apr-24 20:00:00	21.36736107	0	1.118689465	1.128956437	0	13.40010387	1735.255381	261.5604185	0.000070	0.019377	0	0	0.000002	0.0005393	39.48130417	0	1.118689465	0	
26-Apr-24 21:00:00	21.08522787	0	1.119927287	1.134594093	0	13.37340682	1790.225952	263.673781	0.000071	0.019817	0	0	0.000002	0.0005535	38.82022059	0	1.119927287	0	
26-Apr-24 22:00:00	19.75936364	0	1.278512087	1.288781286	0	13.33382257	1742.860981	263.2710288	0.000065	0.017996	0	0	0.000002	0.0006180	36.1384701	0	1.278512087	0	
26-Apr-24 23:00:00	19.74821281	0	1.208865191	1.207078895	0	13.3100338	1760.307486	263.0812068	0.000066	0.018220	0	0	0.000002	0.0005821	37.05718231	0	1.208865191	0	
27-Apr-24 00:00:00	18.93022159	0	1.083286753	1.107444825	0	13.3368695	1718.691706	260.7770691	0.000061	0.016982	0	0	0.000002	0.0005213	34.70227057	0	1.083286753	0	
27-Apr-24 01:00:00	19.5684527	0	1.148551683	1.160018325	0	13.31520271	1689.353027	267.1554871	0.000062	0.017266	0	0	0.000002	0.0005361	35.73117233	0	1.148551683	0	
27-Apr-24 02:00:00	19.06071265	0	1.115076449	1.132352008	0	13.28864815	1709.781616	259.4543457	0.000061	0.017908	0	0	0.000002	0.0005298	34.77682114	0	1.115076449	0	
27-Apr-24 03:00:00	18.94834478	0	1.405634405	1.41519047	3.585066782	13.87130833	1485.184814	194.4351190	0.000052	0.014519	0	0	0.000002	0.0005725	37.3466301	0	1.405634403	5.784833431	
27-Apr-24 04:00:00	16.50946237	0	1.430898860	1.442591429	15.49508819	14.01453976	1427.689654	193.310791	0.000045	0.012363	0	0	0.000002	0.0004875	33.31259316	0	1.430898860	31.26538132	
27-Apr-24 05:00:00	16.37594414	0	1.400858893	1.399652472	5.664862972	13.88458845	1848.270204	185.0276368	0.000047	0.012948	0	0	0.000002	0.0005247	38.02317047	0	1.400858893	10.85568132	
27-Apr-24 06:00:00	16.56486044	0	1.5698133	1.568282008	21.8278177	14.29138945	1119.33874	140.4486594	0.000039	0.010854	0	0	0.000002	0.0004800	38.88398722	0	1.5698133	45.39463683	
27-Apr-24 07:00:00	19.00587027	0	1.494888783	1.501690474	14.4384729	14.14900123	1148.303587	144.7205848	0.000041	0.011405	0	0	0.000002	0.0004768	38.98300171	0	1.494888783	29.46821631	
27-Apr-24 08:00:00	19.38612986	0	1.456008729	1.496929887	11.87722345	14.10998657	1129.208511	145.1373598	0.000041	0.011448	0	0	0.000002	0.0004680	39.54050084	0	1.456008728	24.00008202	
27-Apr-24 09:00:00	18.95488042	0	1.484509621	1.509929278	16.80456946	14.17144586	1150.289132	143.3969308	0.000041	0.011444	0	0	0.000002	0.0004765	39.01203818	0	1.484509621	34.37374319	
27-Apr-24 10:00:00	19.1818042	0	1.340273023	1.348489092	13.7719374	14.20239481	1202.985037	142.1128235	0.000043	0.012041	0	0	0.000002	0.0004478	39.65062672	0	1.340273023	28.43599747	
27-Apr-24 11:00:00	19.7151047	0	1.484777969	1.502181649	12.42904377	14.10380062	1200.908876	142.8533336	0.000045	0.012374	0	0	0.000002	0.0004956	40.69777298	0	1.484727969	25.64416748	
27-Apr-24 12:00:00	20.59560690	0	1.240693331	1.267910680	11.20430742	14.31131224	1183.14502	142.8777954	0.000047	0.012926	0	0	0.000001	0.0004078	43.94190472	0	1.240693331	23.61901474	
27-Apr-24 13:00:00	21.91433334	0	1.102033859	1.108878783	0	13.44364916	1703.714366	259.2620644	0.000072	0.020873	0	0	0.000002	0.0005386	40.73000717	0	1.102033859	0	
27-Apr-24 14:00:00	21.08509254	0	1.147767887	1.182290711	2.257290354	14.20217064	1425.113281	190.9060045	0.000057	0.015794	0	0	0.000002	0.0004544	43.59331894	0	1.147767887	4.602247457	
27-Apr-24 15:00:00	22.26781518	0	1.180770518	1.176529569	0.378841218	14.05668442	1528.935776	203.8057373	0.000064	0.017800	0	0	0.000002	0.0005015	45.11722585	0	1.180770518	0.778375711	
27-Apr-24 16:00:00	20.56431267	0	1.127203107	1.142672666	2.313042402	14.19048309	1428.659994	191.2926873	0.000055	0.015355	0	0	0.000002	0.0004487	42.50222397	0	1.127203107	4.667173634	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Apr-24 17:00:00	25.20680531	0	1.129212695	1.135684561	0	13.498456	1696.007202	254.8082111	0.000080	0.023342	0	0	0.000002	0.0005292	47.15268921	0	1.129212695	0	
27-Apr-24 18:00:00	18.50378036	0	1.061518188	1.005110445	11.56453278	14.0550768	1348.664859	170.473877	0.000042	0.011634	0	0	0.000001	0.0003977	33.39210129	0	1.061518188	23.23902185	
27-Apr-24 19:00:00	20.30940133	0	0.997509561	1.008930446	0	13.31046480	1761.72037	264.6254211	0.000066	0.019423	0	0	0.000002	0.0004882	36.53782054	0	0.997509561	0	
27-Apr-24 20:00:00	20.18749153	0	1.01983838	1.030881783	0	13.29972063	1711.432681	262.497467	0.000065	0.017949	0	0	0.000002	0.0004845	36.58703995	0	1.01983838	0	
27-Apr-24 21:00:00	19.2808272	0	1.042745782	1.047484798	0	13.30312443	1777.386915	262.5193178	0.000064	0.017881	0	0	0.000002	0.0005145	35.11985018	0	1.042745782	0	
27-Apr-24 22:00:00	19.15871184	0	1.153488013	1.164436248	0	13.27810648	1757.251455	285.8855891	0.000063	0.017595	0	0	0.000002	0.0005030	34.8180275	0	1.153488013	0	
27-Apr-24 23:00:00	19.15049744	0	1.082303782	1.093273183	0	13.35008744	1748.712238	262.8897837	0.000063	0.017502	0	0	0.000002	0.0005257	34.33427439	0	1.082303782	0	
28-Apr-24 00:00:00	18.18172791	0	1.047907352	1.056844702	0	13.31841584	1732.571704	261.9367655	0.000059	0.016448	0	0	0.000002	0.0005044	33.18109622	0	1.047907352	0	
28-Apr-24 01:00:00	17.97510223	0	1.009388182	1.009786498	0	13.30480003	1779.202085	263.2746587	0.000059	0.016429	0	0	0.000002	0.0004888	32.26800702	0	1.009388182	0	
28-Apr-24 02:00:00	18.59889412	0	1.028060774	1.035680993	0	13.23742485	1758.187856	265.0911011	0.000061	0.017060	0	0	0.000002	0.0005015	33.64573233	0	1.028060774	0	
28-Apr-24 03:00:00	17.8982029	0	1.113409677	1.11890814	0	13.27403386	1741.273022	266.3519267	0.000058	0.016204	0	0	0.000002	0.0005388	32.6300827	0	1.113409677	0	
28-Apr-24 04:00:00	17.4833409	0	1.163923512	1.164882037	0	13.29779825	1704.731812	262.6200258	0.000056	0.015557	0	0	0.000002	0.0005464	31.83358192	0	1.163923512	0	
28-Apr-24 05:00:00	17.57640266	0	1.14757359	1.151349685	0	13.31358433	1668.973882	259.0944519	0.000055	0.015331	0	0	0.000002	0.0005320	32.11001205	0	1.14757359	0	
28-Apr-24 06:00:00	18.19280017	0	1.148276091	1.161780371	0.048906213	13.33073807	1713.993239	258.5288066	0.000059	0.016200	0	0	0.000002	0.0005487	33.30859375	0	1.148276091	0.001217865	
28-Apr-24 07:00:00	20.01442146	0	1.457113972	1.475894825	8.909380289	13.94973584	1145.730469	147.068391	0.000043	0.011984	0	0	0.000002	0.0004608	39.88611984	0	1.457113972	13.45747797	
28-Apr-24 08:00:00	18.74081867	0	1.372498625	1.37596737	15.93453612	14.13463402	1197.254272	145.9987804	0.000042	0.011728	0	0	0.000002	0.0004565	38.36095047	0	1.372498625	32.61901093	
28-Apr-24 09:00:00	19.02352524	0	1.274019718	1.281576276	13.54993609	14.13664573	1208.964502	145.0820178	0.000043	0.012018	0	0	0.000002	0.0004276	38.94988632	0	1.274019718	27.90224403	
28-Apr-24 10:00:00	19.88588593	0	1.490213194	1.458835608	10.30903481	14.10015583	1177.088693	145.4501343	0.000044	0.012098	0	0	0.000002	0.0004742	40.04844284	0	1.490213194	20.87927246	
28-Apr-24 11:00:00	19.97886487	0	1.492748499	1.506135345	9.3282547	14.11218929	1204.900391	145.1849823	0.000045	0.012581	0	0	0.000002	0.0004908	40.73151044	0	1.492748499	18.81311607	
28-Apr-24 12:00:00	19.43750351	0	1.362544537	1.374584983	11.70750768	14.23746204	1134.277344	145.8888528	0.000041	0.011522	0	0	0.000002	0.0004293	40.40121078	0	1.362544537	24.32020956	
28-Apr-24 13:00:00	18.8387872	0	1.29447341	1.305707458	4.241324766	14.02342701	1541.090526	214.068924	0.000055	0.015171	0	0	0.000002	0.0005541	37.92560278	0	1.29447341	8.504019737	
28-Apr-24 14:00:00	22.22006873	0	1.246495247	1.249795794	0	13.37498695	1784.476368	263.9321699	0.000075	0.020738	0	0	0.000002	0.0006178	40.95288849	0	1.246495247	0	
28-Apr-24 15:00:00	23.01398387	0	1.388337016	1.399513721	0	13.42542212	1831.628418	264.7812805	0.000079	0.022030	0	0	0.000003	0.0007064	42.08079376	0	1.388337016	0	
28-Apr-24 16:00:00	23.31766338	0	1.273464203	1.289184066	0	13.4434624	1820.091382	264.6442505	0.000080	0.022184	0	0	0.000002	0.0006438	43.32248306	0	1.273464203	0	
28-Apr-24 17:00:00	23.54092522	0	1.341130972	1.345768737	0	13.39257328	1768.814307	260.9025289	0.000078	0.021576	0	0	0.000002	0.0006689	43.07084979	0	1.341130972	0	
28-Apr-24 18:00:00	22.80949593	0	1.179001927	1.192172527	0	13.37199877	1730.690845	261.2659983	0.000075	0.020887	0	0	0.000002	0.0005733	42.0118639	0	1.179001927	0	
28-Apr-24 19:00:00	22.46025848	0	1.168583751	1.187533017	0	13.35336572	1721.641846	258.4821472	0.000073	0.020208	0	0	0.000002	0.0005589	41.25219727	0	1.168583751	0	
28-Apr-24 20:00:00	20.99394989	0	1.247088406	1.255187273	0	13.32477474	1707.731689	261.8640137	0.000069	0.019285	0	0	0.000002	0.0006058	38.40380038	0	1.247088406	0	
28-Apr-24 21:00:00	20.51848831	0	1.231880042	1.240101814	0	13.30487701	1730.518433	262.4610596	0.000067	0.018847	0	0	0.000002	0.0005922	37.61235809	0	1.231880042	0	
28-Apr-24 22:00:00	17.74678993	0	1.246503588	1.259343147	7.583022346	13.9779377	1415.297324	189.3792517	0.000047	0.013107	0	0	0.000002	0.0004901	35.60726226	0	1.248503588	15.10905887	
28-Apr-24 23:00:00	18.71747017	0	1.274079808	1.288682365	0	13.32219029	1722.821216	263.9180158	0.000061	0.016851	0	0	0.000002	0.0006097	34.22593143	0	1.274078808	0	
29-Apr-24 00:00:00	18.94709390	0	1.180477262	1.190888843	0	13.33908585	1697.901976	257.1753235	0.000061	0.016812	0	0	0.000002	0.0005688	34.72925528	0	1.180477260	0	
29-Apr-24 01:00:00	17.7654658	0	1.135510414	1.190279245	0	13.32171917	1718.207276	260.1919229	0.000057	0.015934	0	0	0.000002	0.0005652	32.49131775	0	1.165810414	0	
29-Apr-24 02:00:00	18.83849063	0	1.838445741	1.84743107	16.55234537	14.16680098	1181.202271	138.9388428	0.000039	0.010840	0	0	0.000002	0.0005142	37.59237518	0	1.838448741	33.93494797	
29-Apr-24 03:00:00	19.274786	0	1.454887748	1.47311592	12.93207226	14.13332639	1138.911279	144.954788	0.000041	0.011471	0	0	0.000002	0.0004802	38.45263123	0	1.454887748	26.24674471	
29-Apr-24 04:00:00	19.11851311	0	1.601374228	1.509116219	15.40850659	14.12815578	1122.923282	144.2473943	0.000040	0.011218	0	0	0.000002	0.0004881	39.07713899	0	1.601274228	31.51114658	
29-Apr-24 05:00:00	19.29090187	0	1.34424448	1.309511375	13.02239051	14.1258588	1155.178731	144.3293225	0.000042	0.011708	0	0	0.000002	0.0004313	39.84459229	0	1.34424448	26.70428848	
29-Apr-24 06:00:00	19.10782433	0	1.493047237	1.505185723	15.91547585	14.14904970	1149.877808	143.7945251	0.000041	0.011393	0	0	0.000002	0.0004732	39.18505804	0	1.493047237	32.84839249	
29-Apr-24 07:00:00	19.59698198	0	1.461429477	1.469469428	14.58975806	14.13512421	1184.214233	143.2822375	0.000044	0.012178	0	0	0.000002	0.0004807	40.11553986	0	1.461429477	29.87375374	
29-Apr-24 08:00:00	19.32378304	0	1.451994261	1.47107327	14.74493894	14.16163126	1158.125709	148.3240662	0.000042	0.011668	0	0	0.000002	0.0004659	39.68027451	0	1.451994361	30.05880031	
29-Apr-24 09:00:00	18.96658897	0	1.472535138	1.482411149	16.01443672	14.17774778	1168.718872	143.6345673	0.000042	0.011535	0	0	0.000002	0.0004780	39.08200836	0	1.472535133	35.25328445	
29-Apr-24 10:00:00	19.39154825	0	1.244003854	1.259943962	14.1079874	14.19239044	1192.728384	143.1261444	0.000044	0.013567	0	0	0.000001	0.0004122	40.04924774	0	1.244003854	29.18254832	
29-Apr-24 11:00:00	20.10734387	0	1.188073874	1.223622084	9.690108299	14.20999622	1168.606713	148.7198792	0.000044	0.012268	0	0	0.000001	0.0003857	41.61960736	0	1.188073874	19.79502563	
29-Apr-24 12:00:00	20.32470894	0	1.277557492	1.288182231	10.41325589	14.25916846	1217.126186	142.9284668	0.000047	0.012932	0	0	0.000002	0.0004321	42.35540679	0	1.277557492	21.98515327	
29-Apr-24 13:00:00	19.08633278	0	1.079391003	1.101084113	10.81891937	14.18546845	1330.502563	174.5759815	0.000045	0.013267	0	0	0.000001	0.0003969	39.17337036	0	1.079391003	20.85177231	
29-Apr-24 14:00:00	18.95280847	0	1.148086852	1.150465479	3.073997259	14.00131868	1512.010077	204.8928507	0.000054	0.014976	0	0	0.000002	0.0004822	38.03741837	0	1.148085852	6.5029008	
29-Apr-24 15:00:00	22.81514864	0	1.388799888	1.383145452	0	13.40404074	1774.937888	261.329384	0.000078	0.020978	0	0	0.000002	0.0006749	41.30006585	0	1.388799080	0	
29-Apr-24 16:00:00	23.15527344	0	1.174107909	1.19358969	0	13.43365787	1758.184795	260.0343123	0.000077	0.021288	0	0	0.000002	0.0005737	42.32106917	0	1.174107909	0	
29-Apr-24 17:00:00	23.75040817	0	1.179530063	1.189144136	0	13.38543797	1748.791748	298.5403903	0.000078	0.021681	0	0	0.000002	0.0005723	43.8104248	0	1.179530063	0	
29-Apr-24 18:00:00	20.30158815	0	1.223618031	1.237480745	9.218372345	14.28383514	1175.972534	143.3814597	0.000045	0.012477	0	0	0.000001	0.0003907	42.43823331	0	1.223618031	19.31595039	
29-Apr-24 19:00:00	21.12180138	0	1.173808864	1.189479351	0	13.37742901	1746.185303	263.4488931	0.000069	0.019264	0	0	0.000002	0.0005601	38.90753866	0	1.173808834	0	
29-Apr-24 20:00:00	20.3224585	0	1.093788332	1.082718854	0	13.32518901	1751.600587	262.5065007	0.000069	0.019179	0	0	0.000002	0.0005352	38.11775589	0	1.093788332	0	
29-Apr-24 21:00:00	19.58393526	0	1.055404544	1.070970854	0	13.32970884	1778.252298	263.0165405	0.000068	0.018206	0	0	0.000002	0.0005213	36.85074829	0	1.055404544	0	
29-Apr-24 22:00:00	19.26303131	0	1.174755335	1.189151883	0	13.35548115	1746.739868	262.3269958	0.000063	0.017574	0	0	0.000002	0.0005607	35.38686371	0	1.174756335	0	
29-Apr-24 23:00:00	19.19212914	0	1.157699943	1.17171067	0	13.31451797	1732.762085	261.2700199	0.000063	0.017388	0	0	0.000002	0.0005572	35.07971573	0	1.157699943	0	
30-Apr-24 00:00:00	17.82767433	0	1.095300436	1.121148346	0	13.32336905	1734.418382	264.7431477	0.000058	0.016100	0	0	0.000002	0.0005277	32.59072113	0	1.095300436	0	
30-Apr-24 01:00:00	18.38704521	0	1.088181641	1.101365447	0	13.28022384	1672.872974	263.4513855	0.000057	0.015793	0	0	0.000002	0.0005047	32.98220932	0	1.088181641	0	
30-Apr-24 02:00:00	17.48040581	0	1.123076247	1.129112363	0	13.26103197	1721.097834	263.8495786	0.000057	0.015723	0	0	0.000002	0.0005369	31.72471237	0	1.123076247	0	
30-Apr-24 03:00:00	17.38314819	0	1.146032714	1.151870181	0	13.2440424	1732.707686	262.9989014	0.000057	0.015741	0	0	0.000002	0.0005518	31.46734428	0	1.146032714	0	
30-Apr-24 04:00:00	16.99954224	0	1.152734796	1.193309859	0	13.26078608	1728.387329	264.3074951	0.000055	0.015355	0	0	0.000002	0.0005679	30.83884346	0	1.182784796	0	
30-Apr-24 05:00:00	17.23652267	0	1.150315623	1.159273029	0	13.24759592	1674.265802	261.0240479	0.000054	0.015082	0	0	0.000002	0.0005358	31.21080971	0	1.150315623	0	
30-Apr-24 06:00:00	17.59361267	0	1.120951056	1.122160632	0	13.32175541	1682.714478	257.4309082	0.000056	0.015472	0	0	0.000002	0.0005240	32.17384602	0	1.120951056	0	
30-Apr-24 07:00:00	18.32575177	0	1.375669479	1.39843297	13.68047028	14.1475661	1155.898008	143.5149994	0.000040	0.011195	0	0	0.000002	0.0004454	37.59080124	0	1.375669479	28.01593208	
30-Apr-24 08:00:00	20.95529451	0	1.338061333	1.358411578	4.98528513	13.94352827	1201.697373	149.2371826	0.000047	0.013155	0	0	0.000002	0.0004486	41.78456353	0	1.338001333	8.743681808	
30-Apr-24 09:00:00	17.60144882	0	1.27238822	1.27572783	4.07613039	13.82164996	1507.347546	204.0590049	0.000050	0.014023	0	0	0.000002	0.0005328	34.84011459	0	1.27738822	7.914245071	
30-Apr-24 10:00:00	19.51249886	0	1.428102204	1.428875175	11.29338831	14.15800149	1157.116333	143.5896301	0.000043	0.011902	0	0	0.000002	0.0004830	40.0836792	0	1.428102204	32.78490416	
30-Apr-24 11:00:00	18.19048146	0	1.434673718	1.444869657	11.87488481	14.28132107	1381.653833	170.2447662	0.000047	0.012948	0	0	0.000002	0.0005426	37.95889229	0	1.434673718	24.93863778	
30-Apr-24 12:00:00	18.59076691	0	1.488712058	1.488751428	15.74978815	14.33860186	1280.749798	153.1329803	0.000044	0.012268	0	0	0.000002	0.0005222	39.18404007	0	1.488712058	33.31758041	
30-Apr-24 13:00:00	22.89789093	0	1.341970825	1.350229687	0	13.4377881	1770.298228	262.3175954	0.000076	0.021179	0	0	0.000002	0.0006589	42.51100159	0	1.341970825	0	
30-Apr-24 14:00:00	24.12327305	0	1.520837274	1.524452819	0	13.42763919	1769.749512	261.6843669	0.000080	0.022311	0	0	0.000003	0.0007475	44.73738861	0	1.520837274	0	
30-Apr-24 15:00:00	24.48213051	0	1.50747788	1.519521405	0	13.51193333	1790.231689	261.9259544	0.000082	0.022905	0	0	0.000003	0.0007490	45.929088	0	1.50747788	0	
30-Apr-24 16:00:00	24.44360542	0	1.426721324	1.441460848	0	13.52375126	1751.937744	259.606566	0.000081	0.022380	0	0	0.000002	0.0006938	45.91838548	0	1.426721324	0	
30-Apr-24 17:00:00	23.35157394	0	1.152900839	1.162369038	0.099810769	13.65567421	1584.695923	213.4886487	0.000070	0.019339	0	0	0.000002	0.0005075	44.76412445	0	1.152900839	0	
30-Apr-24 18:00:00	20.79309985	0	1.179517527	1.169509199	8.103183719	14.29481326	1178.627319	143.6300031	0.000046	0.012732	0	0	0.000001	0.0003855	43.39342499	0	1.179517027	19.15298798	
30-Apr-24 19:00:00	20.69024338	0	1.158467128	1.162780354	8.946120595	14.24160412	1188.058987	145.8841095	0.000047	0.012971	0	0	0.000001	0.0003827	43.44770432	0	1.158467128	18.2218647	
30-Apr-24 20:00:00	21.93591118	0	1.208049417	1.220185215	0.544632478	13.88389605	1581.735107	216.1329758	0.000064	0.017769	0	0	0.000002	0.0005297	42.14227575	0	1.208049417	0.869113016	
30-Apr-24 21:00:00	19.62850299	0	1.283827305	1.289415358	0	13.31468402	1704.029053	260.9836121	0.000063	0.017478	0	0	0.000002	0.0006077	35.85756683	0	1.283827305	0	
30-Apr-24 22:00:00	19.10482248	0	1.172380609	1.108278188	0	13.29571342	1758.780029	260.5140076	0.000063	0.017538	0	0	0.000002	0.0005720	34.82957713	0	1.172380509	0	
30-Apr-24 23:00:00	19.3218966	0	1.163998485	1.170846429	0	13.32294083	1583.184429	255.8439367	0.000061	0.016906	0	0	0.000002	0.0005442	35.35657501	0	1.163998485	0	
01-May-24 00:00:00	18.86078644	0	1.10921875	1.108964687	2.138620277	13.73736071	1501.450562	215.3658523	0.000055	0.015381	0	0	0.000002	0.0005201	35.47969055	0	1.10921875	3.989541974	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	18.00	0.00	0.95	3.97	0.00	13.24	1,116.30	138.64	0.00	0.01	0.00	0.00	0.00	0.00	30.30	0.00	0.95	0.00	
Maximum	26.21	0.27	1.78	1.80	36.59	14.38	1,831.63	283.44	0.00	0.02	0.00	0.00	0.00	0.00	47.79	0.82	1.78	35.88	
Avg	19.70	0.00	1.26	1.27	4.92	13.78	1,480.61	208.86	0.00	0.02	0.00	0.00	0.00	0.00	38.43	0.00	1.26	10.23	
sum									0.02		0.00		0.00						
STD																			

Site Name: GULF OUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF OUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:00

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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04-Apr-24 21:00:00	25.76130299	0	0.549243867	0.692339427	0	13.61351585	1638.083374	270.6039978	0.000079	0.022654	0	0	0.000001	0.0002406	48.99448013	0	0.549243867	0	
04-Apr-24 22:00:00	24.14262199	0	0.48277396	0.610218671	0	13.66225372	1599.069994	259.9353943	0.000071	0.019682	0	0	0.000001	0.0002092	45.6288414	0	0.48277396	0	
04-Apr-24 23:00:00	23.93975087	0	0.474134506	0.630249083	0	13.5931654	1641.157716	262.9456872	0.000069	0.019282	0	0	0.000001	0.0002036	45.56901028	0	0.474134506	0	
05-Apr-24 00:00:00	20.12624957	0	0.416372508	0.570124388	0.076933928	13.46330128	1383.229248	223.6533508	0.000052	0.014551	0	0	0.000001	0.0001800	39.5447258	0	0.416372508	0.137660648	
05-Apr-24 01:00:00	23.8033371	0	0.315986842	0.458874461	0	13.60398017	1583.369774	255.5094634	0.000071	0.019697	0	0	0.000001	0.0001390	45.18855118	0	0.315986842	0	
05-Apr-24 02:00:00	23.33535365	0	0.381177753	0.532438172	0	13.61288462	1662.885742	269.9098228	0.000073	0.020157	0	0	0.000001	0.0001750	44.35720082	0	0.381177753	0	
05-Apr-24 03:00:00	23.10374847	0	0.381082718	0.531421244	0	13.61909989	1654.492676	266.8587036	0.000068	0.016964	0	0	0.000001	0.0001580	44.13622784	0	0.381082718	0	
05-Apr-24 04:00:00	18.71769251	0	0.408835739	0.558068874	0.752733827	13.94379807	1362.90086	210.8350001	0.000043	0.011907	0	0	0.000001	0.0001548	33.25232144	0	0.408835739	1.800150005	
05-Apr-24 05:00:00	21.47241592	0	0.292830643	0.442474812	2.50509944	14.2121315	910.295166	145.1854656	0.000037	0.010215	0	0	0.000000	0.0000740	44.45278549	0	0.292830643	5.137325764	
05-Apr-24 06:00:00	22.57342188	0	0.318137079	0.488508831	0.998811137	14.04372894	1021.7901	172.8712463	0.000044	0.012106	0	0	0.000000	0.0000903	45.72948547	0	0.318137079	1.806805516	
05-Apr-24 07:00:00	22.30295372	0	0.292697664	0.438526598	1.58303831	14.3584613	851.3926392	147.0520728	0.000037	0.010273	0	0	0.000000	0.0000712	47.19946871	0	0.292697664	3.626570631	
05-Apr-24 08:00:00	19.25984961	0	0.454348257	0.60697782	1.092881918	13.9845296	1338.852231	211.0564189	0.000049	0.013461	0	0	0.000001	0.0001727	38.58756793	0	0.454348257	2.290607981	
05-Apr-24 09:00:00	21.03595037	0	0.328904212	0.485953721	3.937483072	14.55454731	872.4193726	142.1480114	0.000035	0.009587	0	0	0.000000	0.0000797	46.80129024	0	0.328904212	8.509883773	
05-Apr-24 10:00:00	22.59315926	0	0.437081459	0.675382789	0	13.69301683	1589.008645	261.8735718	0.000066	0.018406	0	0	0.000001	0.0001803	43.36213921	0	0.437081459	0	
05-Apr-24 11:00:00	24.10316467	0	0.383712173	0.532580753	0	13.65603826	1691.410156	287.4757996	0.000072	0.020048	0	0	0.000001	0.0001806	46.06771347	0	0.383712173	0	
05-Apr-24 12:00:00	21.6342144	0	0.23296839	0.370226443	1.516966018	14.35806850	864.3293457	145.3829674	0.000036	0.009998	0	0	0.000000	0.0000572	45.77148819	0	0.23296839	7.987580772	
05-Apr-24 13:00:00	20.82585669	0	0.444892198	0.66886081	3.508325817	14.33276749	940.4568546	157.5307085	0.000037	0.010238	0	0	0.000000	0.0001182	43.56832709	0	0.444892198	6.232052803	
05-Apr-24 14:00:00	18.56372643	0	0.692806066	0.841100693	6.905907063	14.37510972	893.6072168	142.1679487	0.000031	0.008672	0	0	0.000001	0.0001725	39.59411852	0	0.692806066	14.34774695	
05-Apr-24 15:00:00	25.38731950	0	0.642643094	0.798850779	0	13.69168431	1627.110474	250.6822367	0.000073	0.020281	0	0	0.000001	0.0002726	48.60555181	0	0.642643094	0	
05-Apr-24 16:00:00	25.91052794	0	0.535791316	0.684946397	0	13.60813904	1649.900122	259.9179688	0.000075	0.021792	0	0	0.000001	0.0002318	51.14387785	0	0.535791316	0	
05-Apr-24 17:00:00	26.19621303	0	0.64407697	0.784468114	0	13.62778968	1616.124534	251.8013306	0.000075	0.020739	0	0	0.000001	0.0002713	49.88438034	0	0.64407697	0	
05-Apr-24 18:00:00	21.24898044	0	0.451940823	0.584537384	3.068877697	14.45933810	890.1603296	142.4177399	0.000036	0.009792	0	0	0.000000	0.0001118	45.74599702	0	0.451940823	6.763951178	
05-Apr-24 19:00:00	26.51362250	0	0.355884881	0.49883815	3.58544755	14.426548	914.8035889	161.0087738	0.000035	0.009887	0	0	0.000000	0.0000930	43.89036612	0	0.355884881	7.787135078	
05-Apr-24 20:00:00	19.89645004	0	0.386424353	0.635440087	1.753118773	14.06869793	1171.487163	195.3340454	0.000044	0.012151	0	0	0.000000	0.0001257	40.33609064	0	0.386424353	3.445029967	
05-Apr-24 21:00:00	23.34290123	0	0.419288218	0.578203406	0	13.58210659	1644.608887	268.7431335	0.000068	0.018843	0	0	0.000001	0.0001799	44.19189778	0	0.419288218	0	
05-Apr-24 22:00:00	23.86928336	0	0.41484138	0.580062765	0	13.50781114	1523.905396	266.1304932	0.000068	0.019002	0	0	0.000001	0.0001755	44.85283004	0	0.41484138	0	
05-Apr-24 23:00:00	21.98765686	0	0.329405457	0.489867885	0	13.46814458	1551.760273	266.1766663	0.000064	0.017831	0	0	0.000001	0.0001420	41.14994049	0	0.329405457	0	
06-Apr-24 00:00:00	21.95134739	0	0.360075338	0.507078171	0	13.46706469	1534.068666	266.2879639	0.000063	0.017666	0	0	0.000001	0.0001535	40.96449826	0	0.360075338	0	
06-Apr-24 01:00:00	22.41713524	0	0.558202267	0.719484587	0.11111083	13.7270059	1719.277222	281.6197205	0.000073	0.020142	0	0	0.000001	0.0002666	43.30303466	0	0.558202267	0.089730684	
06-Apr-24 02:00:00	19.27124977	0	0.389906585	0.537879011	0.5691397	13.91801545	1256.375488	215.7183059	0.000047	0.013076	0	0	0.000001	0.0001406	38.4278183	0	0.389906585	1.199649628	
06-Apr-24 03:00:00	21.05107689	0	0.454972475	0.61677436	0	13.72968864	1678.870854	289.1598533	0.000063	0.017368	0	0	0.000001	0.0001805	40.6810378	0	0.454972475	0	
06-Apr-24 04:00:00	19.54582787	0	0.458568787	0.625270844	1.342548132	13.98583803	1272.800416	210.6790515	0.000047	0.013001	0	0	0.000001	0.0001600	39.14768404	0	0.458568787	2.914952837	
06-Apr-24 05:00:00	22.57227325	0	0.666868118	0.805611296	0	13.64688587	1659.428772	271.8524534	0.000078	0.019579	0	0	0.000001	0.0003074	43.11807832	0	0.666868118	0	
06-Apr-24 06:00:00	20.91327667	0	0.546599817	0.693297088	0	13.63400936	1648.508179	258.9022217	0.000061	0.016924	0	0	0.000001	0.0002301	39.87409592	0	0.546599817	0	
06-Apr-24 07:00:00	20.42872228	0	0.479584353	0.630581021	0	13.6550004	1631.094971	259.0837402	0.000059	0.016349	0	0	0.000001	0.0002046	39.07612658	0	0.479584353	0	
06-Apr-24 08:00:00	20.77228546	0	0.571356906	0.715109236	0	13.65437309	1590.93103	252.4031372	0.000062	0.017271	0	0	0.000001	0.0002525	39.70344077	0	0.571356906	0	
06-Apr-24 09:00:00	18.03182802	0	0.881750686	0.775547743	10.60713791	14.52707291	937.8381919	141.2803986	0.000032	0.008835	0	0	0.000001	0.0001724	39.18384171	0	0.881750686	22.91713104	
06-Apr-24 10:00:00	19.57052432	0	0.503075123	0.653741956	5.240320885	14.35410023	869.0401611	143.8104706	0.000032	0.008880	0	0	0.000000	0.0001214	41.39105369	0	0.503075123	11.08750465	
06-Apr-24 11:00:00	22.04811858	0	0.516582687	0.653427243	0	13.63532257	1643.333496	260.0892944	0.000064	0.017749	0	0	0.000001	0.0002186	47.04641514	0	0.516582687	0	
06-Apr-24 12:00:00	22.65065686	0	0.480385672	0.625516924	0	13.68506937	1459.887207	240.8846877	0.000063	0.017630	0	0	0.000001	0.0001961	44.08224597	0	0.480385672	0	
06-Apr-24 13:00:00	25.1854406	0	0.474714389	0.547908208	0	13.65783119	1481.760223	256.7646178	0.000070	0.019003	0	0	0.000001	0.0001954	48.18725038	0	0.474714389	0	
06-Apr-24 14:00:00	25.73104869	0	0.504343653	0.749729713	0	13.65568024	1534.376654	258.9537048	0.000077	0.021436	0	0	0.000001	0.0002576	51.13745117	0	0.504343653	0	
06-Apr-24 15:00:00	27.2190609	0	0.507487389	0.697391856	0	13.43274493	1512.389801	255.2224579	0.000077	0.021914	0	0	0.000001	0.0002132	50.51102829	0	0.507487389	0	
06-Apr-24 16:00:00	23.35490954	0	0.536086404	0.705277382	0	13.61087894	1479.885986	266.1417542	0.000066	0.018337	0	0	0.000001	0.0002086	45.34553894	0	0.536086404	0	
06-Apr-24 17:00:00	26.59425392	0	0.483196841	0.634049402	0	13.61360816	1472.069936	249.2345094	0.000071	0.019787	0	0	0.000001	0.0001978	48.9017334	0	0.483196841	0	
06-Apr-24 18:00:00	20.21281242	0	0.518668127	0.697180031	4.006177883	14.52730222	880.9436067	142.3142548	0.000034	0.009308	0	0	0.000000	0.0001262	44.25531006	0	0.518668127	8.828865047	
06-Apr-24 19:00:00	24.77728271	0	0.542180666	0.687298629	0	13.6588459	1619.071503	253.1794407	0.000071	0.019679	0	0	0.000001	0.0002258	47.42116928	0	0.542180666	0	
06-Apr-24 20:00:00	23.80243683	0	0.541949028	0.697160171	0	13.61551993	1608.160072	284.0339966	0.000066	0.018781	0	0	0.000001	0.0002278	45.29983643	0	0.541949028	0	
06-Apr-24 21:00:00	23.26389	0	0.444506566	0.586721718	0	13.60266213	1608.291738	259.6269044	0.000066	0.018381	0	0	0.000001	0.0001862	43.39533463	0	0.444506566	0	
06-Apr-24 22:00:00	23.66448074	0	0.479292333	0.630467350	0	13.52068362	1612.099365	263.1333313	0.000068	0.018851	0	0	0.000001	0.0002013	44.81159562	0	0.479292333	0	
06-Apr-24 23:00:00	22.95583806	0	0.448887232	0.592811372	0	13.48987198	1566.098535	260.624054	0.000067	0.018629	0	0	0.000001	0.0001844	42.74265871	0	0.448887232	0	
07-Apr-24 00:00:00	21.87180138	0	0.4725236	0.623448208	0	13.50491158	1626.81436	263.3283691	0.000063	0.017473	0	0	0.000001	0.0002006	41.47988484	0	0.4725236	0	
07-Apr-24 01:00:00	22.08859581	0	0.420638478	0.571702585	0	13.66708755	1566.001221	262.9101895	0.000065	0.017648	0	0	0.000001	0.0001857	42.20158479	0	0.420638478	0	
07-Apr-24 02:00:00	22.37768127	0	0.419820089	0.568409822	0	13.57231794	1489.406808	259.7383116	0.000063	0.017638	0	0	0.000001	0.0001742	42.31702473	0	0.419820089	0	
07-Apr-24 03:00:00	21.98378804	0	0.445974427	0.589222588	0	13.58878038	1473.813744	257.3373108	0.000060	0.016665	0	0	0.000001	0.0001836	40.85541916	0	0.445974427	0	
07-Apr-24 04:00:00	22.21318147	0	0.526474893	0.682294259	0	13.5890488	1502.754836	259.488878	0.000063	0.017445	0	0	0.000001	0.0002196	42.11825434	0	0.526474893	0	
07-Apr-24 05:00:00	18.25482592	0	0.595609911	0.689215908	6.346698171	14.21951858	1071.345480	184.6961385	0.000037	0.010227	0	0	0.000001	0.0002071	37.81776428	0	0.595609911	12.8894815	
07-Apr-24 06:00:00	21.80970573	0	0.5406326	0.684325437	0	13.66969089	1625.383789	258.2102661	0.000063	0.017386	0	0	0.000001	0.0002291	41.78892136	0	0.5406326	0	
07-Apr-24 07:00:00	21.19389316	0	0.418380062	0.664358771	7.816615733	14.38137341	901.1387705	142.5224508	0.000036	0.009981	0	0	0.000000	0.0001047	45.01908876	0	0.418380062	8.973989856	
07-Apr-24 08:00:00	21.27583749	0	0.364930948	0.509553828	4.521389021	14.44290638	925.3321167	143.4099066	0.000037	0.010287	0	0	0.000000	0.0000938	45.62507833	0	0.364930948	7.914290473	
07-Apr-24 09:00:00	21.14544668	0	0.471727252	0.624372881	4.759900023	14.38875785	832.526123	141.5773026	0.000033	0.009178	0	0	0.000000	0.0001088	44.80684296	0	0.471727252	8.284419188	
07-Apr-24 10:00:00	21.74370193	0	0.607844448	0.66304487	2.090183324	14.3077755	886.4167012	141.563296	0.000037	0.010209	0	0	0.000000	0.0001267	45.20759859	0	0.607844448	4.018718185	
07-Apr-24 11:00:00	20.47589021	0	0.483329882	0.617440939	4.073001389	14.49550829	903.2047119	140.7838745	0.000035	0.009686	0	0	0.000000	0.0001213	44.20388631	0	0.483329882	8.766320719	
07-Apr-24 12:00:00	24.09452166	0	0.542120814	0.690088355	0.098478316	13.60901414	1470.146484	247.1924896	0.000067	0.018512	0	0	0.000001	0.0002214	46.2934424	0	0.542120814	0	
07-Apr-24 13:00:00	25.23578453	0	0.669445111	0.812901437	0	13.58508301	1616.271118	259.4987488	0.000075	0.020790	0	0	0.000001	0.0002626	48.70774078	0	0.669445111	0	
07-Apr-24 14:00:00	26.68514587	0	0.615483089	0.747960476	0	13.68713295	1624.698584	260.9437703	0.000076	0.021247	0	0	0.000001	0.0002607	50.30134979	0	0.615483089	0	
07-Apr-24 15:00:00	24.34778187	0	0.725382235	0.871176084	0	13.48604419	1495.359448	254.6899641	0.000069	0.019030	0	0	0.000001	0.0003006	46.50072825	0	0.725382235	0	
07-Apr-24 16:00:00	26.70224782	0	0.697230339	0.845875415	0	13.57058048	1479.698863	253.7506493	0.000074	0.020505	0	0	0.000001	0.0002854	50.48279404	0	0.697230339	0	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Apr-24 17:00:00	24.79938916	0	0.658210816	0.809826231	0	13.59105827	1481.857364	251.4988719	0.000069	0.019296	0	0	0.000001	0.0002700	47.01381485	0	0.658210816	0	
07-Apr-24 18:00:00	24.37784359	0	0.699509382	0.84818825	0	13.59423351	1438.81597	254.6004303	0.000067	0.018585	0	0	0.000001	0.0002636	45.31483841	0	0.699509382	0	
07-Apr-24 19:00:00	22.61853409	0	0.634054651	0.790079176	0	13.60937309	1503.286256	255.5981445	0.000064	0.017770	0	0	0.000001	0.0002648	43.00420781	0	0.634054651	0	
07-Apr-24 20:00:00	26.758603	0	0.638314011	0.689868715	0	13.6690886	1519.20168	255.0603027	0.000074	0.020473	0	0	0.000001	0.0002263	48.40759659	0	0.638314011	0	
07-Apr-24 21:00:00	24.9378049	0	0.537242651	0.692857883	0	13.63573306	1570.776611	262.4604514	0.000074	0.020471	0	0	0.000001	0.0002344	47.86886456	0	0.537242651	0	
07-Apr-24 22:00:00	24.62212181	0	0.421859741	0.588421384	0	13.68175793	1509.327759	253.7861257	0.000070	0.019422	0	0	0.000001	0.0001769	47.2637598	0	0.421859741	0	
07-Apr-24 23:00:00	24.35387444	0	0.448725851	0.589552444	0	13.65303812	1542.37854	262.3899541	0.000071	0.019639	0	0	0.000001	0.0001923	46.59302531	0	0.448725851	0	
08-Apr-24 00:00:00	21.50614929	0	0.507239309	0.6512779	0	13.75380696	1473.231567	253.1159973	0.000066	0.018558	0	0	0.000001	0.0002076	41.68498704	0	0.507239309	0	
08-Apr-24 01:00:00	22.10217587	0	0.419122994	0.663222985	0	13.67536983	1519.882129	260.2439058	0.000063	0.017554	0	0	0.000001	0.0001769	41.78732404	0	0.419122994	0	
08-Apr-24 02:00:00	20.57225415	0	0.42098406	0.59581648	0	13.74920075	1449.253174	245.3410797	0.000056	0.015681	0	0	0.000001	0.0001695	40.05298815	0	0.42098405	0	
08-Apr-24 03:00:00	21.9820507	0	0.499907168	0.65124168	0.024098638	13.7087183	1423.828854	238.22082	0.000059	0.016217	0	0	0.000001	0.0001977	42.22274389	0	0.499907168	0.069081606	
08-Apr-24 04:00:00	21.66036592	0	0.598949909	0.75319159	0.017244069	13.71380095	1430.93689	244.3172382	0.000059	0.016348	0	0	0.000001	0.0002381	42.17692988	0	0.598949909	0.033951823	
08-Apr-24 05:00:00	20.79673831	0	0.683872428	0.837108314	0	13.67190757	1497.596059	258.6789714	0.000059	0.016276	0	0	0.000001	0.0002644	39.86580275	0	0.683872428	0	
08-Apr-24 06:00:00	22.98870625	0	0.680242379	0.810482183	0	13.60504819	1589.202026	266.993042	0.000067	0.018606	0	0	0.000001	0.0002876	42.85268409	0	0.680242379	0	
08-Apr-24 07:00:00	18.22868184	0	0.639469705	0.690793483	3.77600848	14.40526104	839.802002	142.0508423	0.000029	0.008009	0	0	0.000000	0.0001256	38.82482524	0	0.639469705	5.725620165	
08-Apr-24 08:00:00	18.74495888	0	0.329857945	0.479798052	5.020134926	14.16613187	1071.92334	182.0151367	0.000038	0.010501	0	0	0.000000	0.0000982	38.60198595	0	0.329857945	10.81810664	
08-Apr-24 09:00:00	20.47867394	0	0.471726259	0.618803561	0.080240131	13.84587168	1417.8927	253.1809872	0.000055	0.015173	0	0	0.000001	0.0001858	40.20807268	0	0.471726259	0.117652567	
08-Apr-24 10:00:00	22.3821788	0	0.578823797	0.70705885	1.496818887	14.28891087	880.4324341	140.8538692	0.000037	0.010289	0	0	0.000001	0.0001410	46.82135381	0	0.578823797	3.158104181	
08-Apr-24 11:00:00	19.5939827	0	0.569498718	0.71726617	1.444471172	14.10356993	1191.688354	183.6120947	0.000044	0.012203	0	0	0.000001	0.0001885	39.92525487	0	0.569498718	2.896718586	
08-Apr-24 12:00:00	21.95392227	0	0.449045488	0.611368126	1.478858864	14.45728874	878.6122437	142.7944336	0.000036	0.010058	0	0	0.000000	0.0001093	47.18345395	0	0.449045483	2.887170860	
08-Apr-24 13:00:00	26.7900753	0	0.781277816	0.909841172	0	13.69077898	1570.079986	254.2924194	0.000079	0.021962	0	0	0.000001	0.0003320	61.63116074	0	0.781277816	0	
08-Apr-24 14:00:00	25.23899078	0	0.820096791	0.992260785	0	13.63076406	1633.131714	261.4467163	0.000073	0.020222	0	0	0.000001	0.0003403	48.09981537	0	0.820096791	0	
08-Apr-24 15:00:00	21.65582047	0	0.924662888	1.070015192	0	13.95967561	1639.560537	261.3989901	0.000062	0.017343	0	0	0.000001	0.0003854	40.85851807	0	0.924662888	0	
08-Apr-24 16:00:00	26.60827408	0	0.888100405	1.003762511	0	13.48912046	1608.787822	257.5980226	0.000075	0.020802	0	0	0.000001	0.0003838	46.97533646	0	0.888100405	0	
08-Apr-24 17:00:00	26.93483026	0	0.892539944	1.035241804	0	13.48897385	1481.087824	253.2700222	0.000075	0.020848	0	0	0.000001	0.0003000	50.40718842	0	0.892539944	0	
08-Apr-24 18:00:00	31.28017885	0	0.699538038	0.847588719	3.687603961	14.44215205	835.5484819	141.1199951	0.000033	0.009292	0	0	0.000001	0.0001824	45.81484419	0	0.699538038	7.689339732	
08-Apr-24 19:00:00	23.62188811	0	0.725153029	0.909821191	0	13.77224541	1535.836379	264.5421814	0.000066	0.018900	0	0	0.000001	0.0003094	46.38218837	0	0.725153029	0	
08-Apr-24 20:00:00	22.25671022	0	0.608238899	0.695428440	2.532130957	14.50345135	876.3787231	148.3504181	0.000037	0.010186	0	0	0.000000	0.0001231	48.17076492	0	0.608238899	5.565587493	
08-Apr-24 21:00:00	27.16180475	0	0.987089738	0.714880407	0	13.68880862	1580.81665	253.2549592	0.000079	0.022014	0	0	0.000001	0.0002443	52.17198583	0	0.987089736	0	
08-Apr-24 22:00:00	19.38005838	0	0.544769812	0.690218301	4.14828896	14.29429678	1137.227051	183.9178139	0.000041	0.011518	0	0	0.000001	0.0001721	40.83115311	0	0.544769812	8.353310586	
08-Apr-24 23:00:00	18.35803905	0	0.60567373	0.760241995	1.473767757	14.17164326	1241.042725	196.8886500	0.000038	0.010605	0	0	0.000001	0.0002088	33.66736584	0	0.60567373	3.317208821	
09-Apr-24 00:00:00	22.56110001	0	0.541852951	0.683571041	1.983578887	14.34443092	887.6757813	141.3248749	0.000037	0.010230	0	0	0.000000	0.0001308	47.65917587	0	0.541852951	4.162465096	
09-Apr-24 01:00:00	24.37637138	0	0.573459327	0.734849691	0	13.70533302	1521.04641	264.3473511	0.000070	0.019377	0	0	0.000001	0.0002423	45.96193878	0	0.573459327	0	
09-Apr-24 02:00:00	23.05058479	0	0.484381309	0.625230881	0	13.66711117	1538.009277	265.2087061	0.000067	0.018526	0	0	0.000001	0.0002009	44.02581376	0	0.484381309	0	
09-Apr-24 03:00:00	20.5058087	0	0.508979823	0.55944804	4.321594548	14.45400877	833.104187	142.8484192	0.000032	0.008878	0	0	0.000000	0.0001173	43.64945602	0	0.508979823	9.500458717	
09-Apr-24 04:00:00	20.70654704	0	0.471266922	0.60600437	3.124033929	14.30542801	842.0976503	141.7720337	0.000033	0.009114	0	0	0.000000	0.0001102	43.48557381	0	0.471266922	6.390250206	
09-Apr-24 05:00:00	21.4051509	0	0.562742174	0.680815332	2.571264982	14.39122485	893.7068481	140.5222626	0.000036	0.009987	0	0	0.000001	0.0001397	45.52249527	0	0.562742174	5.581282406	
09-Apr-24 06:00:00	20.72508523	0	0.542784091	0.787234804	4.477327658	14.36797287	890.3244629	141.9111073	0.000035	0.009642	0	0	0.000001	0.0001390	45.9336680	0	0.542784091	9.577619953	
09-Apr-24 07:00:00	20.48852458	0	0.581340134	0.7337118	3.781405443	14.315835	845.8359141	141.3899941	0.000033	0.009056	0	0	0.000000	0.0001386	43.08275223	0	0.581340134	7.969874659	
09-Apr-24 08:00:00	20.60886864	0	0.580465995	0.716329707	2.727845874	14.07565851	1048.903076	178.9572754	0.000040	0.011241	0	0	0.000001	0.0001659	41.8313942	0	0.580465995	5.708780779	
09-Apr-24 09:00:00	21.55178871	0	0.618148074	0.779752563	0	13.71145921	1479.098755	248.8500061	0.000060	0.016737	0	0	0.000001	0.0002531	41.7317543	0	0.618145074	0	
09-Apr-24 10:00:00	23.55318871	0	0.571917653	0.704798043	0	13.61078028	1527.402222	257.6391296	0.000068	0.019081	0	0	0.000001	0.0002427	44.99899841	0	0.571917653	0	
09-Apr-24 11:00:00	24.75925626	0	0.540225089	0.685781896	0	13.57843876	1584.211426	264.5480225	0.000073	0.020264	0	0	0.000001	0.0002347	45.91584778	0	0.540225089	0	
09-Apr-24 12:00:00	25.595054	0	0.587430875	0.73698313	0	13.60948858	1511.544189	257.7348191	0.000073	0.020298	0	0	0.000001	0.0002466	48.82581329	0	0.587430875	0	
09-Apr-24 13:00:00	28.95500412	0	0.628376033	0.774888415	0	13.86287372	1520.15564	263.2926036	0.000078	0.021697	0	0	0.000001	0.0002645	50.76564108	0	0.628376033	0	
09-Apr-24 14:00:00	27.29034424	0	0.56791383	0.71053344	0	13.67893963	1519.044434	260.7077332	0.000078	0.021685	0	0	0.000001	0.0002396	52.0126391	0	0.56791383	0	
09-Apr-24 15:00:00	25.39437483	0	0.605888843	0.744029452	0	13.66990663	1500.894971	258.287384	0.000075	0.020823	0	0	0.000001	0.0002540	50.72359385	0	0.605888843	0	
09-Apr-24 16:00:00	25.84877509	0	0.549278587	0.704430825	0	13.61586257	1515.894827	260.8495857	0.000074	0.020478	0	0	0.000001	0.0002313	49.17446135	0	0.549278557	0	
09-Apr-24 17:00:00	25.66043107	0	0.614557242	0.680163787	0	13.64543543	1494.350107	255.2739258	0.000073	0.020290	0	0	0.000001	0.0002130	49.80626602	0	0.614557242	0	
09-Apr-24 18:00:00	23.67965589	0	0.580311835	0.721128823	0	13.71108341	1546.487549	265.8841357	0.000066	0.018133	0	0	0.000001	0.0002483	45.88084072	0	0.580311835	0	
09-Apr-24 19:00:00	24.78433037	0	0.784648789	0.909077704	0	13.63401699	1529.765869	265.8817859	0.000071	0.019795	0	0	0.000001	0.0003249	47.21471405	0	0.784648789	0	
09-Apr-24 20:00:00	22.33828417	0	0.92032057	1.085892938	0	13.58263539	1540.908521	264.6574548	0.000065	0.017983	0	0	0.000001	0.0003938	42.28951781	0	0.92032057	0	
09-Apr-24 21:00:00	25.1085296	0	0.753812875	0.909277873	0	13.63550091	1518.735716	260.9025489	0.000072	0.019903	0	0	0.000001	0.0003175	47.90683038	0	0.753812876	0	
09-Apr-24 22:00:00	20.8071735	0	0.537094296	0.683511019	3.817954731	14.38400965	816.0890918	139.9753265	0.000032	0.008803	0	0	0.000000	0.0001218	44.21584547	0	0.537094296	7.454219818	
09-Apr-24 23:00:00	17.5533838	0	0.66586885	0.806588782	5.021620274	14.19269494	1238.012207	194.5797729	0.000041	0.011397	0	0	0.000001	0.0002269	38.73883062	0	0.66586885	10.05800343	
10-Apr-24 00:00:00	21.39903805	0	0.553391756	0.690499137	4.238770068	14.44389504	846.2660386	142.4064484	0.000034	0.009460	0	0	0.000000	0.0001301	45.86886028	0	0.553391756	8.973125047	
10-Apr-24 01:00:00	23.57181931	0	0.4887873	0.655441701	0	13.61118126	1537.132813	260.8080906	0.000068	0.018836	0	0	0.000001	0.0002085	44.81020337	0	0.4887873	0	
10-Apr-24 02:00:00	22.67589378	0	0.565892087	0.730882819	0	13.60014534	1559.087769	262.6025085	0.000066	0.018239	0	0	0.000001	0.0002418	43.0601739	0	0.565892087	0	
10-Apr-24 03:00:00	22.10509463	0	0.650026394	0.78000793	0	13.63453757	1442.93689	254.5240326	0.000060	0.016671	0	0	0.000001	0.0002679	42.10986282	0	0.650025394	0	
10-Apr-24 04:00:00	20.72513009	0	0.478743553	0.619158799	3.577812195	14.39891434	823.3830566	143.0080568	0.000032	0.008818	0	0	0.000000	0.0001095	44.18010834	0	0.475743553	7.776704788	
10-Apr-24 05:00:00	19.47041702	0	0.711870069	0.85136049	6.765345097	14.36193224	870.6677881	142.0196007	0.000032	0.008861	0	0	0.000001	0.0001722	41.21758219	0	0.711870069	12.21662632	
10-Apr-24 06:00:00	21.96588235	0	0.602098107	0.74992845	2.75535668	14.20007584	902.6893921	157.0520035	0.000040	0.011188	0	0	0.000001	0.0001880	44.77276993	0	0.602098107	5.504688263	
10-Apr-24 07:00:00	19.04258548	0	0.633414209	0.772643132	5.453787327	14.35223984	840.4300258	141.440188	0.000030	0.008384	0	0	0.000001	0.0001479	40.32880947	0	0.633414209	13.7399031	
10-Apr-24 08:00:00	19.91137123	0	0.635642154	0.784326732	6.606093922	14.39276028	928.0246582	141.6600078	0.000035	0.009657	0	0	0.000001	0.0001638	42.35211182	0	0.635642154	14.28724766	
10-Apr-24 09:00:00	19.75456238	0	0.608343309	0.651068568	4.135387421	14.30800247	853.6109009	144.9546051	0.000032	0.008813	0	0	0.000000	0.0001209	41.4875412	0	0.608343309	8.77532768	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Leading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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17-Apr-24 09:00:00	25.24186679	0	0.497727276	0.641721606	0	13.55232372	1588.78479	269.5584734	0.000075	0.020958	0	0	0.000001	0.0002197	48.26909258	0	0.497727276	0	
17-Apr-24 10:00:00	19.82290731	0	0.424569295	0.563287973	0.195681294	14.05624109	1280.607178	190.7391052	0.000048	0.013287	0	0	0.000001	0.0001510	40.10407257	0	0.424569295	0.479902983	
17-Apr-24 11:00:00	21.6212883	0	0.289614856	0.430854023	2.299218178	14.39290566	908.1650391	141.0039825	0.000037	0.010230	0	0	0.000000	0.0000720	45.8510704	0	0.289614856	5.02783823	
17-Apr-24 12:00:00	21.8982338	0	0.388881296	0.619219641	1.925841093	14.45203114	863.918335	140.3646948	0.000036	0.009908	0	0	0.000000	0.0000933	45.92152405	0	0.388881296	4.361792984	
17-Apr-24 13:00:00	22.17034149	0	0.707924604	0.842106901	2.015970707	14.39184352	868.9637451	143.4688873	0.000036	0.010068	0	0	0.000001	0.0001700	47.19068002	0	0.707924604	4.169984758	
17-Apr-24 14:00:00	17.82400613	0	0.733082254	0.87093138	1.138607883	14.13100624	1249.742188	198.3602448	0.000042	0.011641	0	0	0.000001	0.0002645	35.46001816	0	0.733082254	3.168754248	
17-Apr-24 15:00:00	28.0673835	0	0.663734007	1.004646301	0	13.73333024	1408.762686	241.3141174	0.000060	0.019173	0	0	0.000001	0.0003373	50.62240219	0	0.663734007	0	
17-Apr-24 16:00:00	27.96058219	0	0.77110976	0.908815896	0	13.83548126	1584.930298	263.1568604	0.000083	0.023100	0	0	0.000001	0.0003346	53.32818696	0	0.77110976	0	

Site Name: GULF GUT
Stack Name: HRSG STACK21
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Apr-24 17:00:00	27.52799072	0	0.575096786	0.71768558	0	13.81909349	1409.275367	259.4349305	0.000078	0.021847	0	0	0.000001	0.0002305	52.45871082	0	0.575096786	0	
17-Apr-24 18:00:00	18.82630539	0	0.420606968	0.56507498	3.001020193	14.91044083	605.7601133	141.1522217	0.000031	0.008528	0	0	0.000000	0.0001013	40.78844982	0	0.420606968	5.478478086	
17-Apr-24 19:00:00	22.09643272	0	0.438056062	0.592572589	1.13900485	14.40902424	879.58198	141.1068257	0.000037	0.010130	0	0	0.000000	0.0001070	47.03363419	0	0.438056062	4.024152770	
17-Apr-24 20:00:00	21.20042801	0	0.604384959	0.748720109	3.288450718	14.92140999	873.3913574	141.1190951	0.000035	0.009977	0	0	0.000001	0.0001400	48.1324234	0	0.604384959	7.14414835	
17-Apr-24 21:00:00	24.662817	0	0.642469683	0.782737659	0	13.83704396	1403.225085	256.3704071	0.000059	0.019248	0	0	0.000001	0.0002665	47.03960255	0	0.642469683	0	
17-Apr-24 22:00:00	20.30110931	0	0.645581874	0.787276864	1.663788769	14.37360859	904.9529761	142.1488841	0.000038	0.009590	0	0	0.000001	0.0001022	43.07561193	0	0.645581874	3.390040033	
17-Apr-24 23:00:00	23.14409256	0	0.768414557	0.91108197	0	13.71865308	1528.089478	253.8921051	0.000067	0.018483	0	0	0.000001	0.0003262	44.64584351	0	0.768414557	0	
18-Apr-24 00:00:00	32.82178688	0	0.547042489	0.8763958	0	13.67857471	1521.127075	257.3799438	0.000065	0.018142	0	0	0.000001	0.0002311	43.77658637	0	0.547042489	0	
18-Apr-24 01:00:00	22.87925644	0	0.455795975	0.822433803	0	13.67922211	1520.754761	259.3744812	0.000065	0.018825	0	0	0.000001	0.0002052	43.62651133	0	0.455795975	0	
18-Apr-24 02:00:00	21.10735849	0	0.387212684	0.545229838	4.715924283	14.43758202	880.8402588	147.6030692	0.000035	0.008714	0	0	0.000000	0.0000947	45.04551697	0	0.387212684	10.02420616	
18-Apr-24 03:00:00	20.17588109	0	0.579585314	0.72313416	6.727475843	14.44097806	881.938801	143.0184021	0.000034	0.008348	0	0	0.000001	0.0001427	43.22509788	0	0.579585314	12.86591543	
18-Apr-24 04:00:00	20.85832794	0	0.492404491	0.622802079	4.265229208	14.32063389	884.9375	145.9638214	0.000034	0.008338	0	0	0.000000	0.0001163	43.47189773	0	0.492404491	8.903859852	
18-Apr-24 05:00:00	20.13379478	0	0.541330874	0.679951741	5.806700611	14.40014257	842.9332275	145.2777863	0.000032	0.008889	0	0	0.000000	0.0001268	42.04989777	0	0.541330874	11.70341989	
18-Apr-24 06:00:00	20.0450592	0	0.527709653	0.687420487	6.18547678	14.50580692	912.71598	145.0406547	0.000034	0.008581	0	0	0.000000	0.0001361	43.36853455	0	0.527709653	13.46556292	
18-Apr-24 07:00:00	20.25753563	0	0.512211382	0.65767318	5.218137264	14.43319418	882.1766968	145.9185480	0.000034	0.008130	0	0	0.000000	0.0001256	43.36811089	0	0.512211382	11.5138767	
18-Apr-24 08:00:00	21.50920311	0	0.482293384	0.631799171	2.517655942	14.209589	920.8382427	144.7131653	0.000038	0.010498	0	0	0.000000	0.0001248	44.71888444	0	0.482293384	5.206183414	
18-Apr-24 09:00:00	20.35689435	0	0.608723223	0.748594347	5.127335545	14.58086491	864.0145884	142.3452148	0.000033	0.009193	0	0	0.000001	0.0001451	44.56493423	0	0.608723223	10.98110473	
18-Apr-24 10:00:00	21.54265976	0	0.617148002	0.741389513	3.78984041	14.42664242	892.8458911	140.9895184	0.000036	0.010052	0	0	0.000001	0.0001531	48.06919479	0	0.617148002	7.913987837	
18-Apr-24 11:00:00	20.80157089	0	0.666256295	0.807999253	3.141307851	14.38372517	837.7442627	139.2181549	0.000033	0.009187	0	0	0.000001	0.0001500	44.19890405	0	0.666256295	6.785892551	
18-Apr-24 12:00:00	21.33484459	0	0.630063067	0.779401898	3.570833735	14.451931	831.9542847	141.6254548	0.000033	0.009276	0	0	0.000001	0.0001450	45.79774475	0	0.630063067	7.444480072	
18-Apr-24 13:00:00	22.10093062	0	0.708670378	0.845539876	3.137074471	14.30924129	852.744873	141.0696801	0.000035	0.009840	0	0	0.000001	0.0001679	45.1629982	0	0.708670378	6.094228745	
18-Apr-24 14:00:00	21.61073494	0	0.666582782	0.810684488	2.482564435	14.33685089	864.6904297	140.1493535	0.000035	0.009766	0	0	0.000001	0.0001601	45.58100128	0	0.666582782	5.257124424	
18-Apr-24 15:00:00	22.70589209	0	0.753436804	0.900726887	1.294758697	14.33848858	832.4129639	138.6914053	0.000036	0.009676	0	0	0.000001	0.0001742	47.90051651	0	0.753436804	3.769691331	
18-Apr-24 16:00:00	19.81855264	0	0.650858521	0.785644253	5.175885429	14.39954731	832.1261687	139.3817694	0.000031	0.008515	0	0	0.000001	0.0001488	42.21407318	0	0.650858521	11.07063487	
18-Apr-24 17:00:00	17.21908951	0	0.43987751	0.595863293	4.852735898	14.1395218	1107.542258	180.0831757	0.000036	0.009967	0	0	0.000000	0.0001363	35.28083038	0	0.43987751	10.01448180	
18-Apr-24 18:00:00	19.36590674	0	0.481027752	0.623793125	4.124454498	14.20818629	965.1187134	181.2751589	0.000035	0.009717	0	0	0.000000	0.0001283	40.05895178	0	0.481027752	8.57490921	
18-Apr-24 19:00:00	20.86537404	0	0.329736889	0.470034526	2.591340685	14.12481948	1038.924805	185.1374969	0.000041	0.011344	0	0	0.000000	0.0000852	42.70414734	0	0.329736889	5.367831707	
18-Apr-24 20:00:00	17.29240798	0	0.481599957	0.610158851	4.920814891	14.27811837	995.2569766	181.1557485	0.000032	0.008884	0	0	0.000000	0.0001331	38.1501503	0	0.481599957	10.35898042	
18-Apr-24 21:00:00	18.80580998	0	0.706300139	0.841622276	6.098388129	14.38536336	870.7513428	144.5773415	0.000032	0.009613	0	0	0.000001	0.0001708	41.98203659	0	0.706300139	12.84100588	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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22-Apr-24 18:00:00	21.81545258	0	0.285122997	0.812508333	0.267791815	14.07829089	1257.35030	190.5517161	0.000091	0.014107	0	0	0.000000	0.0001324	44.35574036	0	0.285122997	0.304705471	
22-Apr-24 19:00:00	25.99454144	0	0.515770531	0.657244027	0	13.70898883	1622.355234	207.517395	0.000079	0.022039	0	0	0.000001	0.0002322	56.35579208	0	0.515270531	0	
22-Apr-24 20:00:00	25.63884811	0	0.450330993	0.600300372	0	13.6900692	1575.375488	200.6213318	0.000074	0.020596	0	0	0.000001	0.0001950	49.55551971	0	0.450330993	0	
22-Apr-24 21:00:00	26.01686722	0	0.521693766	0.664869487	0	13.52912656	1576.34707	200.8159607	0.000077	0.021480	0	0	0.000001	0.0002287	49.57348728	0	0.521693766	0	
22-Apr-24 22:00:00	19.3847647	0	0.57384181	0.659258397	1.723674566	14.07848358	1222.210208	169.6757477	0.000045	0.012382	0	0	0.000001	0.0001048	36.35349774	0	0.57384181	3.312420359	
22-Apr-24 23:00:00	21.1473702	0	0.456142766	0.592708605	0.582104269	14.05318451	1290.031494	203.0045539	0.000051	0.014257	0	0	0.000001	0.0001031	42.78553709	0	0.456142766	1.040832146	
23-Apr-24 00:00:00	21.1570787	0	0.329658387	0.527182331	3.154423923	14.45251179	884.4267099	141.4969177	0.000035	0.009779	0	0	0.000000	0.0000972	45.43315939	0	0.329658387	6.960158954	
23-Apr-24 01:00:00	23.80588553	0	0.486376004	0.614109695	0	13.58909704	1546.361304	250.6140078	0.000066	0.019004	0	0	0.000001	0.0002096	44.15273285	0	0.486375004	0	
23-Apr-24 02:00:00	22.86031075	0	0.448147327	0.602042079	0	13.58757687	1515.966684	259.8057627	0.000065	0.017953	0	0	0.000001	0.0001887	42.91633496	0	0.448147327	0	
23-Apr-24 03:00:00	17.06697082	0	0.482269516	0.59418571	6.063821297	14.11405808	1335.914551	222.0142751	0.000043	0.011917	0	0	0.000001	0.0001715	34.82200015	0	0.482269515	10.74388311	
23-Apr-24 04:00:00	21.97731018	0	0.262075942	0.420716014	2.454232931	14.3874855	554.5151978	140.67854	0.000035	0.009815	0	0	0.000000	0.0000870	46.85585617	0	0.262075942	5.335817814	
23-Apr-24 05:00:00	21.70208259	0	0.350056706	0.492667465	2.239961385	14.1322917	1059.80603	178.3691754	0.000042	0.011793	0	0	0.000000	0.0001037	44.27778525	0	0.350056706	4.773210857	
23-Apr-24 06:00:00	21.52082572	0	0.276604725	0.409381002	2.177987099	14.37634275	854.1576538	140.9673822	0.000035	0.009691	0	0	0.000000	0.0000854	45.8321228	0	0.276604725	4.587976453	
23-Apr-24 07:00:00	21.73187229	0	0.448113412	0.586529135	2.910165546	14.38257423	882.3878174	140.9019318	0.000036	0.009968	0	0	0.000000	0.0001187	45.08483081	0	0.448113412	6.069365837	
23-Apr-24 08:00:00	23.03929138	0	0.339495122	0.425465393	1.473508220	14.75180288	895.2919922	161.3314819	0.000039	0.010792	0	0	0.000000	0.0000845	47.98438737	0	0.339495122	3.077246806	
23-Apr-24 09:00:00	21.56955446	0	0.285794096	0.407030072	2.078377247	14.37524931	905.7754517	141.5191346	0.000037	0.010210	0	0	0.000000	0.0000722	45.73586842	0	0.285794096	4.40857961	
23-Apr-24 10:00:00	20.66913078	0	0.419297159	0.560326605	3.795322657	14.82168349	887.1330566	141.8168336	0.000035	0.009602	0	0	0.000000	0.0001033	43.89020245	0	0.419297159	7.90019846	
23-Apr-24 11:00:00	19.959065	0	0.47051695	0.62237978	4.644560059	14.42295548	893.2363607	140.9058285	0.000034	0.009321	0	0	0.000000	0.0001188	42.70029969	0	0.47051695	9.903311729	
23-Apr-24 12:00:00	20.63525226	0	0.388440809	0.522752991	5.090037547	14.47620869	850.2387695	141.4491049	0.000033	0.009175	0	0	0.000000	0.0000917	44.47262955	0	0.388440809	11.10421944	
23-Apr-24 13:00:00	25.37885284	0	0.554301798	0.707659369	0	13.7716413	1408.378272	246.9581183	0.000069	0.019078	0	0	0.000001	0.0002215	49.35117564	0	0.554301798	0	
23-Apr-24 14:00:00	21.87818463	0	0.451286004	0.591759644	2.373220444	14.48469212	897.3022437	142.9570007	0.000035	0.009712	0	0	0.000000	0.0001075	46.03057327	0	0.451286004	5.020874977	
23-Apr-24 15:00:00	21.22588268	0	0.61553375	0.658540846	3.502903633	14.52944097	894.9480938	141.3119034	0.000036	0.009925	0	0	0.000000	0.0001269	46.17844009	0	0.61553375	7.361022453	
23-Apr-24 16:00:00	21.92129781	0	0.702276886	0.637433934	2.306030737	14.26071219	924.2408182	159.0142658	0.000037	0.010386	0	0	0.000001	0.0001603	44.93211093	0	0.702276886	4.978390552	
23-Apr-24 17:00:00	21.77470689	0	0.542375028	0.687208477	3.883478734	14.35263206	873.348999	141.2861176	0.000036	0.009938	0	0	0.000000	0.0001316	47.49595206	0	0.542375028	8.184300008	
23-Apr-24 18:00:00	22.01900291	0	0.484245032	0.629052014	3.876580776	14.57383261	907.6800537	141.0116934	0.000038	0.010445	0	0	0.000000	0.0001221	48.15257309	0	0.484245032	8.52087422	
23-Apr-24 19:00:00	22.96178248	0	0.512794793	0.656809628	3.207520103	14.48634336	887.2192383	141.5516594	0.000037	0.010407	0	0	0.000000	0.0001235	48.5472641	0	0.512794793	6.797302996	
23-Apr-24 20:00:00	18.78489421	0	0.487306909	0.629458659	3.497211456	14.25187111	1192.037079	190.3887157	0.000038	0.010449	0	0	0.000001	0.0001614	34.90969220	0	0.487306904	7.534130098	
23-Apr-24 21:00:00	26.12410355	0	0.65653993	0.784455848	0	13.85818475	1518.308615	250.3753957	0.000075	0.020725	0	0	0.000001	0.0002784	49.65263673	0	0.65653993	0	
23-Apr-24 22:00:00	21.81320114	0	0.639243007	0.78311291	0.143278185	13.9305954	1375.101685	215.1031952	0.000056	0.015932	0	0	0.000001	0.0002442	42.84236281	0	0.639243007	0.037826777	
23-Apr-24 23:00:00	21.66029358	0	0.560097959	0.690568719	0.329297203	14.08077526	1197.445703	195.6818552	0.000049	0.013560	0	0	0.000001	0.0001833	43.98401642	0	0.560097959	0.634070432	
24-Apr-24 00:00:00	23.74035407	0	0.447780281	0.591953498	0.781285890	14.19233513	1018.391026	174.1990909	0.000045	0.012634	0	0	0.000000	0.0001267	49.00417328	0	0.447780281	1.541462316	
24-Apr-24 01:00:00	24.20466314	0	0.512385905	0.654438217	0	13.96654306	1497.252808	261.8122761	0.000066	0.018813	0	0	0.000001	0.0002117	45.85514802	0	0.512385905	0	
24-Apr-24 02:00:00	23.32002258	0	0.573008431	0.71787564	0	13.84434147	1508.702303	262.6456024	0.000066	0.018383	0	0	0.000001	0.0002308	44.33846088	0	0.573008431	0	
24-Apr-24 03:00:00	22.55049324	0	0.64159644	0.777724028	0	13.80059247	1612.086436	263.5354276	0.000064	0.017820	0	0	0.000001	0.0002699	42.81251144	0	0.64159644	0	
24-Apr-24 04:00:00	18.80174105	0	0.663515449	0.801108483	4.572120476	14.20797443	1327.612624	198.4415294	0.000036	0.010845	0	0	0.000001	0.0002283	34.95148581	0	0.663515449	9.964160527	
24-Apr-24 05:00:00	22.09486934	0	0.511085583	0.660288701	0	13.74433899	1453.368852	258.9357378	0.000061	0.016965	0	0	0.000001	0.0002097	42.76606326	0	0.511085583	0	
24-Apr-24 06:00:00	22.05140877	0	0.586254418	0.754646109	0	13.83042015	1618.428025	262.5126848	0.000062	0.017478	0	0	0.000001	0.0002409	42.37390573	0	0.586254418	0	
24-Apr-24 07:00:00	17.86616707	0	0.503238797	0.648702763	4.60740681	14.04900742	1195.747437	194.4238887	0.000040	0.011185	0	0	0.000001	0.0001672	35.11530173	0	0.503238797	9.712219733	
24-Apr-24 08:00:00	23.71574402	0	0.58180096	0.729803625	0	13.80713508	1519.789165	284.1324453	0.000066	0.018439	0	0	0.000001	0.0002450	44.08776865	0	0.58180096	0	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Apr-24 09:00:00	16.20311368	0	0.67014724	0.798377156	5.607145995	14.181683	1226.415405	189.4571638	0.000037	0.010365	0	0	0.000001	0.0002293	33.38412094	0	0.67014724	11.71694114	
24-Apr-24 10:00:00	17.67779536	0	0.480886505	0.62091285	4.844069258	14.14870453	1163.508134	183.5014822	0.000038	0.010608	0	0	0.000001	0.0001538	35.34483084	0	0.480886505	9.817344093	
24-Apr-24 11:00:00	19.15934503	0	0.513909042	0.650809348	5.375923895	14.40278093	949.050354	159.9759433	0.000034	0.009503	0	0	0.000000	0.0001355	40.81642422	0	0.513909042	11.53552457	
24-Apr-24 12:00:00	22.31401263	0	0.421258165	0.562825245	1.584392545	14.3893098	798.4716973	141.1380321	0.000034	0.009311	0	0	0.000000	0.0000934	47.43673761	0	0.421258165	3.374937773	
24-Apr-24 13:00:00	19.33744621	0	0.592564285	0.746558249	2.916219878	14.16656865	1256.162476	210.1231297	0.000046	0.012715	0	0	0.000001	0.0002071	38.71269784	0	0.592564285	6.020190718	
24-Apr-24 14:00:00	20.47561456	0	0.625591338	0.752319761	3.495178592	14.35211182	912.8855060	167.2901764	0.000035	0.009768	0	0	0.000001	0.0001586	43.30582219	0	0.625591338	7.332746075	
24-Apr-24 15:00:00	22.37354574	0	0.642369357	0.774443269	0.023577663	14.03608927	1293.608843	210.9425907	0.000054	0.015125	0	0	0.000001	0.0002308	45.14049149	0	0.642369357	0.048323268	
24-Apr-24 16:00:00	28.18337153	0	0.645041287	0.787302691	0	13.62724781	1572.176833	258.9984307	0.000086	0.023953	0	0	0.000001	0.0002817	56.54280254	0	0.645041287	0	
24-Apr-24 17:00:00	24.3059063	0	0.545879781	0.688729107	0.704584106	14.47688389	918.6104738	141.1164235	0.000042	0.011643	0	0	0.000001	0.0001390	52.3501442	0	0.545879781	1.215784394	
24-Apr-24 18:00:00	23.02522559	0	0.574983778	0.691097312	2.236180666	14.56188690	859.0480571	141.9659151	0.000037	0.010344	0	0	0.000000	0.0001373	50.20089626	0	0.574983778	4.810561857	
24-Apr-24 19:00:00	22.06391953	0	0.53994447	0.697290847	3.798975145	14.51492914	891.2221602	140.7430575	0.000037	0.010294	0	0	0.000000	0.0001338	47.66903738	0	0.53994447	8.01825081	
24-Apr-24 20:00:00	23.5436921	0	0.423451185	0.560038065	1.326937914	14.48853084	928.5247803	140.8631287	0.000040	0.011356	0	0	0.000000	0.0001057	50.82012177	0	0.423451185	3.147311449	
24-Apr-24 21:00:00	20.61749178	0	0.633413708	0.668935776	0.70462364	14.15336118	1297.752583	209.4858822	0.000050	0.013916	0	0	0.000001	0.0001923	42.1123848	0	0.633413708	1.272037745	
24-Apr-24 22:00:00	21.49905096	0	0.522970874	0.639160958	2.870687055	14.36588177	886.4581398	141.3040245	0.000036	0.010072	0	0	0.000000	0.0001302	45.74376346	0	0.522970874	5.981515643	
24-Apr-24 23:00:00	20.93741969	0	0.586293829	0.722948372	3.172779796	14.4143716	881.8739624	141.2811492	0.000035	0.009650	0	0	0.000001	0.0001434	44.70375154	0	0.586293829	6.84216807	
25-Apr-24 00:00:00	21.24408242	0	0.51553782	0.678888036	3.448311951	14.45470428	838.5832187	141.359328	0.000034	0.009536	0	0	0.000000	0.0001230	45.83148488	0	0.51553782	7.712992868	
25-Apr-24 01:00:00	19.82469749	0	0.616679169	0.658774187	7.352669834	14.32667378	1017.287984	171.7245562	0.000038	0.010548	0	0	0.000001	0.0001400	41.74767305	0	0.616679169	15.38184057	
25-Apr-24 02:00:00	21.05387116	0	0.48817575	0.627020571	3.429921458	14.39152145	873.4382292	141.3582094	0.000035	0.009615	0	0	0.000000	0.0001185	44.78016941	0	0.48817575	7.436562536	
25-Apr-24 03:00:00	20.80251694	0	0.573908806	0.722198877	3.581828819	14.37874965	860.3726607	141.4437606	0.000034	0.009364	0	0	0.000000	0.0001372	44.15949249	0	0.573908806	7.253779411	
25-Apr-24 04:00:00	20.96065331	0	0.462966423	0.606771162	3.084303301	14.4004831	863.8433716	141.7159625	0.000034	0.009481	0	0	0.000000	0.0001159	44.64090347	0	0.462966423	6.684009569	
25-Apr-24 05:00:00	21.14271164	0	0.424574971	0.578849392	3.545875615	14.34181213	839.7912817	141.7715182	0.000033	0.009276	0	0	0.000000	0.0000990	44.6439478	0	0.424574971	7.607042313	
25-Apr-24 06:00:00	20.47679958	0	0.466144228	0.573807874	4.040986538	14.4314394	903.15802	141.5748084	0.000035	0.009685	0	0	0.000000	0.0001217	43.88778057	0	0.466144228	8.960549355	
25-Apr-24 07:00:00	21.07177734	0	0.631172614	0.658721068	2.876310919	14.40096283	888.2764782	141.8851624	0.000035	0.009782	0	0	0.000000	0.0001311	44.88561468	0	0.631172614	6.29432108	
25-Apr-24 08:00:00	19.4054184	0	0.68178231	0.692835748	6.249239602	14.48159699	883.225758	141.6731262	0.000033	0.009056	0	0	0.000000	0.0001360	41.65885239	0	0.68178231	13.67540019	
25-Apr-24 09:00:00	16.33876566	0	0.759474099	0.699272561	7.154843607	14.25407124	1188.818054	185.832818	0.000037	0.010152	0	0	0.000001	0.0002508	34.0387001	0	0.759474099	14.75550847	
25-Apr-24 10:00:00	21.24134254	0	0.589490088	0.714514975	3.403507563	14.43850245	872.0807678	140.8422119	0.000035	0.009785	0	0	0.000001	0.0001389	45.61803207	0	0.589490088	7.326880051	
25-Apr-24 11:00:00	17.9100547	0	0.610521197	0.77339494	11.8469238	14.34589195	917.5264893	165.2589509	0.000031	0.008583	0	0	0.000001	0.0001595	37.81950378	0	0.610521197	24.73850024	
25-Apr-24 12:00:00	21.59140015	0	0.478838857	0.625216484	1.897584604	14.33945258	817.1245728	141.3781281	0.000032	0.008220	0	0	0.000000	0.0001082	45.67136536	0	0.478838857	4.004100214	
25-Apr-24 13:00:00	25.49037933	0	0.48296069	0.610950939	0.092539094	13.88898773	1328.681541	220.5237732	0.000062	0.017833	0	0	0.000001	0.0001782	48.97353383	0	0.48296069	0	
25-Apr-24 14:00:00	17.95987511	0	0.591980934	0.733898732	2.433923006	14.08499467	1122.750104	194.0500031	0.000038	0.010530	0	0	0.000001	0.0001846	38.50786373	0	0.591980934	4.872308376	
25-Apr-24 15:00:00	27.52578685	0	0.610203302	0.656421465	0	13.81823177	1366.840365	233.6917847	0.000071	0.019601	0	0	0.000001	0.0001940	52.57004852	0	0.610203302	0	
25-Apr-24 16:00:00	28.45378113	0	0.573943913	0.717866458	0	13.74004745	1501.384888	259.548105	0.000080	0.022398	0	0	0.000001	0.0002397	55.02741241	0	0.573943913	0	
25-Apr-24 17:00:00	21.05197716	0	0.477229178	0.624695036	0.78974094	14.45151424	878.4256168	141.4759992	0.000035	0.009764	0	0	0.000000	0.0001184	45.18302185	0	0.477229178	1.506125093	
25-Apr-24 18:00:00	22.8524704	0	0.506278102	0.689122384	2.279228449	14.493183	971.6873169	140.3639515	0.000037	0.010410	0	0	0.000000	0.0001299	50.14468475	0	0.506278102	4.906142498	
25-Apr-24 19:00:00	26.31506827	0	0.945436881	1.100767732	0	13.5872369	1522.860098	261.1079712	0.000075	0.020943	0	0	0.000001	0.0003009	49.72359285	0	0.945436981	0	
25-Apr-24 20:00:00	27.15131657	0	0.696223174	0.843246579	0	13.83676022	1633.327026	261.485321	0.000078	0.021743	0	0	0.000001	0.0002972	51.80210269	0	0.696223174	0	
25-Apr-24 21:00:00	25.52126983	0	0.626924157	0.769270233	0	13.83068104	1621.187378	261.13425	0.000073	0.020269	0	0	0.000001	0.0002648	48.84979027	0	0.626924157	0	
25-Apr-24 22:00:00	22.64325623	0	0.80166708	0.753565815	0	13.87463779	1638.629131	261.3326355	0.000066	0.018207	0	0	0.000001	0.0002572	43.41882324	0	0.80166708	0	
25-Apr-24 23:00:00	25.10270691	0	0.58752336	0.713492561	0	13.80349837	1470.324028	260.8388072	0.000069	0.019289	0	0	0.000001	0.0002316	47.60913086	0	0.58752336	0	
26-Apr-24 00:00:00	18.84849102	0	0.687457481	0.83935833	5.60664032	14.31776619	1080.379272	185.9364003	0.000030	0.010790	0	0	0.000001	0.0002052	39.88152642	0	0.687457481	11.80275745	
26-Apr-24 01:00:00	21.98577292	0	0.658843279	0.813679515	0.120920791	14.00973608	1381.31958	236.7240295	0.000057	0.015850	0	0	0.000001	0.0002526	44.17483978	0	0.658843279	0.149209475	
26-Apr-24 02:00:00	23.78729495	0	0.607990699	0.685660306	0	13.81170028	1503.306262	262.4590915	0.000067	0.018675	0	0	0.000001	0.0002120	44.62741089	0	0.607990699	0	
26-Apr-24 03:00:00	22.39798203	0	0.499722213	0.682893243	0	13.83744831	1508.670654	297.9734539	0.000064	0.017738	0	0	0.000001	0.0002094	42.91628885	0	0.499722213	0	
26-Apr-24 04:00:00	22.56584331	0	0.968199098	0.721991727	0	13.69723868	1495.91333	260.7782959	0.000064	0.017641	0	0	0.000001	0.0002381	42.81511688	0	0.968199098	0	
26-Apr-24 05:00:00	19.20868932	0	0.668818132	0.720240118	9.992207527	14.52806247	834.1888455	137.2859955	0.000030	0.008373	0	0	0.000000	0.0001360	41.09593875	0	0.588818132	21.94829609	
26-Apr-24 06:00:00	20.79934692	0	0.624454452	0.778158082	3.828406458	14.46616938	847.4610596	138.2744904	0.000033	0.009212	0	0	0.000001	0.0001476	44.75248872	0	0.624454452	7.908422146	
26-Apr-24 07:00:00	20.7552728	0	0.657814252	0.81286131	5.372607803	14.41400146	858.8830681	142.6484996	0.000033	0.009285	0	0	0.000001	0.0001562	44.30045319	0	0.657814252	11.71703243	
26-Apr-24 08:00:00	19.88582993	0	0.711502016	0.850743734	7.176596777	14.47787544	984.4828491	143.1078925	0.000032	0.008864	0	0	0.000001	0.0001709	42.88471558	0	0.711502016	15.49333191	
26-Apr-24 09:00:00	20.0152259	0	0.58296001	0.740269725	4.441753401	14.81921215	829.6593262	139.0058146	0.000031	0.008877	0	0	0.000000	0.0001342	44.02659005	0	0.58296001	9.668379147	
26-Apr-24 10:00:00	19.8184433	0	0.537434757	0.687920034	3.13897872	14.27917704	904.2425637	145.5634918	0.000034	0.009385	0	0	0.000000	0.0001350	41.44769802	0	0.537434757	6.566513366	
26-Apr-24 11:00:00	3.598462165	0.289387087	0.511263788	0.664855364	4.605185956	14.22602604	868.4588623	141.0293089	0.000006	0.001633	4.7586E-07	0.00013221	0.000000	0.0001232	7.455089798	0.403292838	0.511263788	9.52888456	
26-Apr-24 12:00:00	4.54492969	0	0.605308269	0.754104435	3.300779843	14.33392505	889.4555176	141.265667	0.000008	0.002113	0	0	0.000001	0.0001495	9.731136289	0	0.605308269	7.19208021	
26-Apr-24 13:00:00	6.165458672	0	0.768629682	0.911212904	6.402227402	14.16703305	869.3522339	140.2567678	0.000010	0.002769	0	0	0.000001	0.0001835	13.44709015	0	0.768629682	14.30633005	
26-Apr-24 14:00:00	7.818780022	0	0.739227176	0.863949473	3.665598578	14.56552124	874.3906431	140.200943	0.000013	0.003482	0	0	0.000001	0.0001797	16.64476967	0	0.739227176	8.474680873	
26-Apr-24 15:00:00	5.058603027	0	0.710486233	0.880981833	3.742411375	14.33471485	1168.504863	187.5430149	0.000011	0.003081	0	0	0.000001	0.0002280	10.64465427	0	0.710486233	7.92694621	
26-Apr-24 16:00:00	16.26121972	0.076308303	0.739308478	0.881080895	0	13.64988275	1446.322169	254.2033234	0.000046	0.012919	2.0887E-07	5.0243E-05	0.000001	0.0002970	32.4127556	0.148173784	0.739308478	0	
26-Apr-24 17:00:00	13.27523282	0.165473561	0.606092672	0.753591733	6.987308521	14.76159047	906.7386254	142.5298502	0.000023	0.006291	3.9275E-07	0.0001091	0.000001	0.0001527	29.93219757	0.44678006	0.606092672	15.97117424	
26-Apr-24 18:00:00	16.58259288	0.124044062	0.329993629	0.471482386	1.377718806	14.61274638	903.4848022	142.5771332	0.000025	0.006951	2.6086E-07	7.2486E-05	0.000000	0.0000738	36.43148804	0.37121073	0.329993629	2.943208933	
26-Apr-24 19:00:00	17.42992401	0.193582029	0.399285931	0.501816889	0	13.89885313	1359.80835	224.5615845	0.000045	0.012377	6.8853E-07	0.00019126	0.000001	0.0001507	34.95762151	0.384199798	0.399285931	0	
26-Apr-24 20:00:00	21.37378259	0.074697793	0.550104737	0.673659603	0	13.77210236	1563.324829	281.6934814	0.000062	0.017361	3.0372E-07	8.4366E-05	0.000001	0.0002374	41.64881211	0.142300144	0.550104737	0	
26-Apr-24 21:00:00	20.87799835	0.104086451	0.619754076	0.784964218	0	13.6923082	1491.30363	260.2409088	0.000059	0.016279	4.065E-07	0.00011292	0.000001	0.0002500	42.05507859	0.209943879	0.619754076	0	
26-Apr-24 22:00:00	16.06027031	0.001289792	0.778000712	0.907438669	0	13.65850772	1409.12615	259.43173	0.000045	0.012583	5.0376E-09	1.3993E-06	0.000001	0.0003240	30.78509205	0	0.778000712	0	
26-Apr-24 23:00:00	19.35578682	0.12815826	0.560065098	0.68965197	0	13.67874881	1490.069731	259.667983	0.000054	0.015058	4.8037E-07	0.00013343	0.000001	0.0002277	37.10277176	0.240165427	0.560065098	0	
27-Apr-24 00:00:00	11.39111814	0	0.348901612	0.567256899	0.082922823	13.97190189	1341.081665	221.0264691	0.000028	0.007884	0	0	0.000001	0.0001480	23.1742963	0	0.348901612	0	
27-Apr-24 01:00:00	16.31658482	0.2297807	0.485483915	0.629081063	0.033073269	13.81560016	1438.976318	261.5748774	0.000046	0.012723	8.656E-07	0.00024042	0.000001	0.0001941	33.07248688	0.451790129	0.485483915	0	
27-Apr-24 02:00:00	13.71738717	0.203654409	0.488534906	0.620853974	1.163137456	14.1399409	1382.087148	224.6573126	0.000036	0.009993	7.2077E-07	0.00020022	0.000001	0.0001635	28.00937859	0.440384605	0.488534906	2.385227106	
27-Apr-24 03:00:00	12.67870007	0	0.458498951	0.59836612	12.78060095	14.52966311	812.9802858	135.2921763	0.000019	0.005344	0	0	0.000000	0.0001031	27.33751106	0	0.458498951	27.48016858	
27-Apr-24 04:00:00	14.08249043	0	0.606452048	0.781967397	7.021514416	14.36864732	882.313981	157.3851178	0.000023	0.006346	0	0	0.000001	0.0001453	29.95281029	0	0.606452048	14.91807932	
27-Apr-24 05:00:00	15.6546585	0.141058882	0.481245477	0.666203866	3.821518868	14.47783947	825.3737275	143.172906	0.000024	0.006757	3.0637E-07	8.5101E-05	0.000000	0.0001057	33.93485464	0.306651085	0.481245477	5.804175091	
27-Apr-24 06:00:00	16.74595451	0.195074096	0.390942063	0.532661259	3.062098896	14.37347221	898.722166	147.306427	0.000025	0.007036	4.3658E-07	0.00012127	0.000000	0.0000920	33.4056775	0.410281569	0.390942063	6.492159354	
27-Apr-24 07:00:00	13.89292046	0.269845049	0.533436733	0.643415475	5.209585508	14.48771567	849.0143226	141.5968831	0.000022	0.006143	5.9714E-07	0.00016587	0.000000	0.0001230	29.69388831	0.569649865	0.533436733	11.10853005	
27-Apr-24 08:00:00	15.41485132	0.332923114	0.512370332	0.649943577	3.666926285	14.39149751	866.6475262	141.1296964	0.000026	0.007144	7.7268E-07	0.00021469	0.000000	0.0001262	32.56979158	0.709114194	0.612379289	8.176697595	
27-Apr-24 09:00:00	14.5799427	0.290516917	0.61429588	0.747168541	4.776364999	14.45699197	835.6081665	143.2478606	0.000023	0.006369	6.3169E-07	0.00017655	0.000001	0.0001426	31.37059106	0.625693305	0.61429688	10.21303368	
27-Apr-24 10:00:00	14.30560806	0.215330918	0.61358577	0.747060866	4.629481501	14.43881804	916.8151978	140.973465	0.000023	0.006545	5.1603E-07	0.00014334	0.000001	0.0001560	30.88384735	0.41488697	0.61358577	10.26090892	
27-Apr-24 11:00:00	13.88809422	0.253012983	0.678071916	0.802444698	4.494285921	14.53092027	831.1201172	140.8108826	0.000022	0.006033	5.0693E-07	0.00014081	0.000001	0.0001565	30.22011586	0.507153088	0.678071916	9.692586649	
27-Apr-24 12:00:00	14.77558408	0.213448945	0.742215991	0.876330018	3.61540617	14.54724608	854.6006406	139.9539097	0.000024	0.006583	4.7758E-07	0.00013297	0.000001	0.0001762	32.17564092	0.457342446	0.742215991	7.829729729	
27-Apr-24 13:00:00	15.61335346	0.144787826	0.616778301	0.750633865	0	13.71083123	1420.405396	247.8534442	0.000053	0.014598	5.3946E-07	0.00014986	0.000001	0.0002430	37.78608798	0.276183397	0.616768301	0	
27-Apr-24 14:00:00	11.13836785	0.108117359	0.609223828	0.967210589	0.955582119	14.37583324	972.1450805	150.682675	0.000026	0.005659	2.7787E-07	7.713E-05	0.000001	0.0002268	23.84030266	0.231831014	0.609923826	21.35582458	
27-Apr-24 15:00:00	16.89471245	0.040137704	0.589061642	0.819777608	0.10149602	14.29061031	1120.235938	179.2876587	0.000038	0.009891	1.177E-07	3.2695E-05	0.000001	0.0002144	35.38260732	0.073294033	0.589061642	0.81155498	
27-Apr-24 16:00:00	18.07749874	0.092038016	0.622105373	0.762279599	0.910252434	14.20890646	1072.407968	180.820705	0.000032	0.009011	2.5836E-07	7.1766E-05	0.000001	0.0001953	33.2627182	0.160337896	0.622105373	1.840309501	

Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Apr-24 17:00:00	21.87591827	0	0.646090987	0.782494546	0	13.73325929	1440.817017	247.7178855	0.000060	0.016971	0	0	0.000001	0.0002002	42.27382442	0	0.548090587	0	
27-Apr-24 18:00:00	14.44891622	0.13739764	0.480132688	0.828519406	3.958022278	14.64247062	867.6954968	141.5660642	0.000024	0.006551	3.132E-07	8.7001E-05	0.000000	0.0001100	31.92609079	0.295694977	0.460132588	7.983805904	
27-Apr-24 19:00:00	21.74818811	0.202954695	0.448141307	0.587384024	0	13.70662771	1461.159009	241.8103068	0.000060	0.016607	7.7822E-07	0.00021682	0.000001	0.0001816	41.87062341	0.381711811	0.448141307	0	
27-Apr-24 20:00:00	16.31988907	0.163594872	0.487277508	0.82544018	0.088532993	13.80086278	1392.180278	230.3820038	0.000043	0.011874	5.9016E-07	0.0001800	0.000001	0.0001884	31.8404808	0.318937724	0.487277938	0.07150742	
27-Apr-24 21:00:00	16.38820793	0	0.574642718	0.706907392	0	13.73378086	1446.840405	252.156365	0.000045	0.012374	0	0	0.000001	0.0002309	31.83631902	0	0.574642718	0	
27-Apr-24 22:00:00	17.23794746	0.109831609	0.643186092	0.776328727	0	13.70322373	1452.808898	252.249609	0.000048	0.013358	4.263E-07	0.00011842	0.000001	0.0002640	33.21430969	0.17625906	0.643186092	0	
27-Apr-24 23:00:00	14.35604343	0.21116885	0.52123189	0.658831658	4.521103134	14.37290919	890.0441695	144.5061035	0.000024	0.006676	4.9929E-07	0.00013785	0.000000	0.0001287	30.23667418	0.449919045	0.52123189	9.500341812	
28-Apr-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 19:00:00	24.30447578	0.147680842	0.586368144	0.718267258	0	13.65006924	1565.66979	265.6049011	0.000072	0.019087	6.0523E-07	0.00016812	0.000001	0.0002550	45.45944214	0.277909434	0.586368144	0	
28-Apr-24 20:00:00	22.56965233	0.040247824	0.583781711	0.684602082	0	13.72254846	1586.659253	267.75	0.000067	0.015709	1.6715E-07	4.6430E-05	0.000001	0.0002465	43.55517197	0.077029679	0.583781711	0	
28-Apr-24 21:00:00	21.04560259	0.12819235	0.619783282	0.763774822	0	13.68213547	1544.638132	253.8641268	0.000061	0.016969	5.1831E-07	0.00014397	0.000001	0.0002650	39.59621069	0.244860035	0.619783282	0	
28-Apr-24 22:00:00	18.92815844	0.114836883	0.518381509	0.856530401	0	12.8614543	1492.277827	259.5420227	0.000053	0.014748	4.4857E-07	0.0001246	0.000001	0.0002140	36.19631958	0.206338638	0.518381509	0	
28-Apr-24 23:00:00	19.92407548	0.13265714	0.59298812	0.712834657	0	13.80081846	1546.801638	264.6884277	0.000057	0.015783	5.3711E-07	0.0001492	0.000001	0.0002548	37.05684717	0.198849124	0.59298812	0	
29-Apr-24 00:00:00	17.25434484	0.179543823	0.498178213	0.507630658	0	13.75218441	1462.364746	250.5295705	0.000047	0.013187	6.8727E-07	0.00019091	0.000001	0.0002016	33.33849716	0.343435214	0.498178213	0	
29-Apr-24 01:00:00	16.80863844	0.16734881	0.427131206	0.965357983	0.040477596	13.77127076	1455.040527	250.4104158	0.000046	0.012781	6.3776E-07	0.00017716	0.000001	0.0001729	32.64902607	0.31581074	0.427131206	0.035679249	
29-Apr-24 02:00:00	15.36866035	0.229675739	0.397960007	0.531690636	1.84496983	14.35713049	826.8566784	141.7140645	0.000024	0.006633	4.0629E-07	0.00013785	0.000000	0.0000913	32.52307947	0.482814521	0.397960007	3.737419506	
29-Apr-24 03:00:00	15.00021182	0.313374896	0.454633964	0.57749168	3.144199935	14.47009638	874.6610197	144.5343611	0.000025	0.006872	7.1747E-07	0.0001993	0.000000	0.0001104	32.36013136	0.679902168	0.454633904	7.008678379	
29-Apr-24 04:00:00	14.97711372	0.299778291	0.454885568	0.589438063	3.287403346	14.3747408	812.0760498	141.7332295	0.000024	0.006660	6.8849E-07	0.00018569	0.000000	0.0001100	31.77133421	0.606801259	0.464826986	6.932760468	
29-Apr-24 05:00:00	14.0275116	0.285106738	0.494047814	0.628199643	5.48029408	14.45781849	858.0028887	141.3382127	0.000023	0.008268	5.9332E-07	0.00016481	0.000000	0.0001173	30.12645866	0.606664842	0.494047814	11.05348858	
29-Apr-24 06:00:00	14.5064557	0.211902916	0.505259269	0.639926179	3.675888577	14.45004272	860.119812	141.0865963	0.000023	0.006445	4.7132E-07	0.00013092	0.000000	0.0001193	31.12787056	0.460238676	0.505259269	7.619791944	
29-Apr-24 07:00:00	14.96550606	0.249901846	0.430594385	0.555077138	3.304722827	14.45352377	869.959652	141.496784	0.000024	0.006759	5.6009E-07	0.00015608	0.000000	0.0001041	31.32574692	0.5463495	0.430594385	7.206032696	
29-Apr-24 08:00:00	15.8659297	0.335649401	0.566245641	0.658546790	2.805181456	14.40702984	855.3344116	141.9300079	0.000026	0.007085	7.5183E-07	0.00020887	0.000000	0.0001351	34.10559237	0.715799636	0.566245641	5.767803807	
29-Apr-24 09:00:00	14.27096960	0.367280761	0.494223966	0.620679067	3.996881247	14.41752338	870.213023	141.3838196	0.000023	0.006400	8.1364E-07	0.00022867	0.000000	0.0001136	30.47694261	0.781462968	0.494223965	8.434776167	
29-Apr-24 10:00:00	14.89739899	0.103195134	0.397026887	0.629522777	2.654977658	14.46631582	832.9723611	140.5458567	0.000023	0.006485	4.2124E-07	0.00011761	0.000000	0.0000919	32.06269823	0.471784234	0.397026887	5.368086172	
29-Apr-24 11:00:00	15.72579861	0.197843607	0.523384268	0.688071306	1.351288319	14.38854327	858.3619995	141.4429779	0.000025	0.007654	4.4452E-07	0.00017348	0.000000	0.0001248	33.42734526	0.415461985	0.521384068	2.583013894	
29-Apr-24 12:00:00	14.92224884	0.393469781	0.608927107	0.623726483	2.933477402	14.849069	823.4004517	141.4445564	0.000023	0.006421	8.4805E-07	0.00023557	0.000000	0.0001194	32.51645906	0.866569456	0.508427107	6.630867481	
29-Apr-24 13:00:00	17.21267506	0.38147229	0.551364124	0.687651103	0.582300166	14.30338573	992.0124512	194.7237396	0.000032	0.008924	9.9056E-07	0.00027516	0.000001	0.0001519	36.12281796	0.788841505	0.551364124	0.881311465	
29-Apr-24 14:00:00	14.43817249	0.283818185	0.618944883	0.745984516	4.098196507	14.63626098	950.0366211	145.5952697	0.000023	0.006528	6.4205E-07	0.00017851	0.000001	0.0001487	31.69698491	0.62528014	0.516944883	8.973480225	
29-Apr-24 15:00:00	21.92608444	0.097786681	0.811060727	0.955707927	0	13.58138854	1433.952271	256.7237854	0.000058	0.016184	3.6794E-07	0.00010196	0.000001	0.0003231	40.94675743	0.187929837	0.811060727	0	
29-Apr-24 16:00:00	25.50658397	0.152033292	0.652053297	0.77820452	0	13.64813328	1488.401489	253.2798615	0.000069	0.018290	5.657E-07	0.00016299	0.000001	0.0002696	44.91012573	0.291775408	0.652053297	0	
29-Apr-24 17:00:00	14.30600529	0.228028184	0.525361598	0.653585785	0.158764818	14.17137909	1213.425293	193.7301636	0.000032	0.008875	7.1733E-07	0.00019926	0.000001	0.0001769	28.61775039	0.471257967	0.525361598	0.315917906	
29-Apr-24 18:00:00	15.67478257	0.244771227	0.556718972	0.886138213	2.470684528	14.58100727	880.5562134	141.0651398	0.000025	0.006968	5.4496E-07	0.00015138	0.000000	0.0001313	34.15044785	0.520808033	0.556718972	5.231239842	
29-Apr-24 19:00:00	21.38038385	0.187367131	0.602968366	0.738162288	0	13.6935606	1525.785015	256.1433411	0.000062	0.017287	7.3825E-07	0.00020636	0.000001	0.0002522	42.26422119	0.358802780	0.602968366	0	
29-Apr-24 20:00:00	21.11871719	0.374658276	0.58711478	0.67594710	0	13.71472645	1456.530396	266.7733307	0.000058	0.016008	1.4225E-06	0.00039514	0.000001	0.0002245	40.73359299	0.717656732	0.58711478	0	
29-Apr-24 21:00:00	17.992033	0	0.568279862	0.598733863	0	13.67915987	1488.457296	267.3331299	0.000050	0.013877	0	0	0.000001	0.0002340	34.91489825	0	0.568279862	0	
29-Apr-24 22:00:00	16.27339258	0.001043182	0.756601327	0.872729613	0	13.72239399	1471.267981	256.1407776	0.000042	0.011742	4.013E-09	1.1147E-06	0.000001	0.0003088	29.48450784	0.002007392	0.756601327	0	
29-Apr-24 23:00:00	19.35478906	0.260013523	0.667398606	0.812254648	0	13.57879063	1486.862354	256.4551184	0.000054	0.015045	1.0352E-06	0.00028756	0.000001	0.0002758	37.20681926	0.50701791	0.667398605	0	
30-Apr-24 00:00:00	18.33984566	0.274343534	0.585275412	0.71742487	0	13.63827515	1497.859253	257.058197	0.000052	0.014358	1.0752E-06	0.00029866	0.000001	0.0002435	34.98861041	0.438883132	0.585275412	0	
30-Apr-24 01:00:00	17.02436967	0.312932879	0.538783729	0.679963402	0	13.67183971	1489.848511	260.0608521	0.000049	0.013722	1.2204E-06	0.00033899	0.000001	0.0002236	33.77458572	0.598442078	0.538783729	0	
30-Apr-24 02:00:00	17.01611192	0.197443947	0.616850376	0.746958469	0	13.58005428	1484.970776	268.6218267	0.000048	0.013202	7.6732E-07	0.00021314	0.000001	0.0002544	32.19931964	0.37559884	0.616850376	0	
30-Apr-24 03:00:00	16.1243248	0.279768969	0.589201809	0.716301567	0	13.64700794	1481.768558	254.737915	0.000044	0.012218	1.0706E-06	0.00029739	0.000001	0.0002302	30.7923851	0.528860666	0.589201809	0	
30-Apr-24 04:00:00	18.42903357	0.259036362	0.583613932	0.720906915	0	13.66091196	1482.650879	256.7379356	0.000046	0.012737	1.0053E-06	0.00027925	0.000001	0.0002494	31.4219093	0.489071559	0.583613932	0	
30-Apr-24 05:00:00	10.25298347	0.21008041	0.528891444	0.660226047	6.132617859	14.20607652	1278.292837	210.4759064	0.000025	0.006854	7.0287E-07	0.00019527	0.000001	0.0001878	21.22775078	0.435964164	0.528891444	12.37207506	
30-Apr-24 06:00:00	14.97377491	0.170565279	0.448168477	0.674049115	2.154624088	14.2131052	1053.768179	176.7140045	0.000030	0.008246	4.953E-07	0.00013758	0.000000	0.0001312	31.00435257	0.372214815	0.448168427	4.358141327	
30-Apr-24 07:00:00	14.31141946	0.250690728	0.529529979	0.677039602	2.558402916	14.44885159	880.6018238	141.4980572	0.000023	0.006437	5.6473E-07	0.00015687	0.000000	0.0001287	30.89889832	0.529571162	0.529529979	5.53004087	
30-Apr-24 08:00:00	11.72904966	0.306420594	0.636150386	0.860786183	11.49939142	14.53137302	842.6703823	144.920106	0.000019	0.005186	6.759E-07	0.00018775	0.000000	0.0001256	25.48993729	0.657929172	0.536150386	24.79484749	
30-Apr-24 09:00:00	16.0718986	0.29661354	0.488915473	0.817358448	1.647369003	14.43599415	813.347729	141.2106408	0.000023	0.006406	5.6783E-07	0.00015787	0.000000	0.0001105	32.27409693	0.576204696	0.488215473	3.5066783	
30-Apr-24 10:00:00	14.88267822	0.305258258	0.58818453	0.884187889	2.88256547	14.47502232	796.2057954	141.015274	0.000022	0.006110	6.3626E-07	0.00017675	0.000000	0.0001230	31.93079066	0.543138625	0.58818453	5.795673161	
30-Apr-24 11:00:00	15.94140744	0.308918962	0.718191569	0.844317913	3.130626847	14.53880092	881.2116880	141.3526447	0.000026	0.007175	6.9639E-07	0.00019344	0.000001	0.0001718	34.68465806	0.618858865	0.718191569	6.583504408	
30-Apr-24 12:00:00	13.41538960	0.000920367	0.774383307	0.908484519	1.726734865	14.47980590	795.7986957	141.1205512	0.000020	0.005579	1.8816E-09	5.2272E-07	0.000001	0.0001712	28.93013382	0.001011063	0.774383307	3.814106417	
30-Apr-24 13:00:00	22.02316794	0.123426834	0.77472043	0.915484678	0	13.68944117	1482.145790	267.0048052	0.000061	0.017059	4.7913E-07	0.00013309	0.000001	0.0003190	42.08659544	0.240849259	0.77472043	0	
30-Apr-24 14:00:00	16.11914063	0.007203846	0.74782443	0.87594074	0.110328779	13.60119514	1561.317749	213.2983771	0.000046	0.012786	2.5481E-08	7.0782E-06	0.000001	0.0002807	35.38535645	0.014798466	0.74782443	0	
30-Apr-24 15:00:00	24.01065445	0.073346959	0.865695298	1.008954074	0	13.66713379	1478.563812	256.0310342	0.000067	0.018528	2.8348E-07	7.8745E-05	0.000001	0.0003551	45.34034729	0.136873636	0.865695298	0	
30-Apr-24 16:00:00	22.21040916	0.098571467	0.811041892	0.948329151	0	13.62986835	1469.233154	253.8569905	0.000061	0.017054	2.1785E-07	6.0542E-05	0.000001	0.0003316	41.81058884	0.194278017	0.811041862	0	
30-Apr-24 17:00:00	14.72821331	0	0.507819355	0.543769741	5.834929943	14.75489521	765.28419	134.70951	0.000021	0.005809	0	0	0.000000	0.0001080	33.17168563	0	0.507819355	12.99434502	
30-Apr-24 18:00:00	17.24030676	0.216180206	0.385804336	0.494317949	1.582072735	14.80134888	850.9561768	140.9548187	0.000027	0.007487	4.7621E-07	0.00013061	0.000000	0.0000844	37.90042496	0.478811383	0.385804336	3.592581746	
30-Apr-24 19:00:00	15.78190660	0.342146721	0.365509771	0.495788842	3.514147758	14.81029609	960.421814	144.5785059	0.000026	0.007187	7.7888E-07	0.00021629	0.000000	0.0000884	34.90482603	0.751158966	0.365509771	7.681947791	
30-Apr-24 20:00:00	17.29210091	0.278070665	0.428542107	0.660400376	1.101674421	14.37890807	975.2340096	185.1304474	0.000032	0.008813	7.6474E-07	0.00019878	0.000000	0.0001181	36.7167511	0.586402666	0.428542107	1.973709901	
30-Apr-24 21:00:00	14.25731087	0.042113548	0.609302842	0.754587173	0.627021276	14.01603882	1280.633179	205.3257599	0.000034	0.009542	1.4117E-07	3.9214E-05	0.000001	0.0002187	28.70404652	0.088842001	0.609302842	0.913845951	
30-Apr-24 22:00:00	19.90416702	0.05023922	0.666131711	0.714582384	0	13.64604173	1490.540771	260.4550021	0.000055	0.015332	1.972E-07	5.4777E-05	0.000001	0.0002358	37.38034184	0.093341806	0.666131711	0	
30-Apr-24 23:00:00	16.81488672	0.093501655	0.586680085	0.709575729	0	13.78649426	1484.485474	257.2730103	0.000047	0.013045	3.6033E-07	0.00010002	0.000001	0.0002350	32.71629715	0.178610474	0.586680085	0	
01-May-24 00:00:00	16.52010345	0.181390483	0.382073609	0.491644581	0.87788183	14.30164242	982.7216797	171.1190341	0.000031	0.008464	4.1515E-07	0.00011532	0.000000	0.0000888	34.55030548	0.333450787	0.382073609	1.680892243	

Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	3.00	0.00	0.23	0.37	0.00	13.43	765.28	134.71	0.00	0.00	0.00	0.00	0.00	0.00	7.47	0.00	0.23	0.00	
Maximum	29.13	0.58	0.90	1.10	12.76	14.78	1,719.26	282.62	0.00	0.02	0.00	0.00	0.00	0.00	55.84	0.97	0.90	27.66	
Avg	20.68	0.04	0.55	0.69	1.32	14.04	1,300.69	201.05	0.00	0.01	0.00	0.00	0.00	0.00	41.40	0.09	0.64	4.08	
sum									0.02		0.00		0.00						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Apr-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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04-Apr-24 21:00:00	28.98524823	0	1.208814058	1.48383081	0.44518021	13.3823991	1608.850522	270.3041628	0.000082	0.022865	0	0	0.000002	0.0005804	49.55620458	0	1.398814058	0.791824745	
04-Apr-24 22:00:00	33.14070129	0	1.110489454	1.300148729	0	13.32395336	1582.211192	258.4185344	0.000068	0.019135	0	0	0.000002	0.0004881	42.32758878	0	1.110464454	0	
04-Apr-24 23:00:00	33.33878517	0	1.113568544	1.291781664	0	13.29871464	1636.659448	282.2852482	0.000072	0.019961	0	0	0.000002	0.0005007	42.54810333	0	1.113568844	0	
05-Apr-24 00:00:00	22.60380173	0	1.229440461	1.425113589	3.700731518	13.68590852	1431.430941	233.8724213	0.000061	0.016910	0	0	0.000002	0.0004888	43.40925598	0	1.229440461	7.599658489	
05-Apr-24 01:00:00	23.48231581	0	1.149428103	1.362205763	0	13.37577705	1590.43884	265.7658289	0.000071	0.019591	0	0	0.000002	0.0005097	42.98865845	0	1.149428103	0	
05-Apr-24 02:00:00	23.97348213	0	1.273361444	1.449505117	0	13.38454904	1709.251851	269.2999875	0.000077	0.021415	0	0	0.000002	0.0006046	44.08154297	0	1.273361444	0	
05-Apr-24 03:00:00	23.9440155	0	1.279290318	1.454568386	0	13.40431186	1650.207161	266.9240417	0.000071	0.019638	0	0	0.000002	0.0005576	44.27869034	0	1.279290318	0	
05-Apr-24 04:00:00	22.68666077	0	1.334119916	1.511868834	3.733187437	13.74017048	1403.460103	211.9790039	0.000060	0.016640	0	0	0.000002	0.0005261	43.90737152	0	1.334119916	7.324173927	
05-Apr-24 05:00:00	24.00329389	0	1.604729583	1.775389314	8.978778839	14.08737888	1128.390091	145.8421936	0.000051	0.014155	0	0	0.000002	0.0005030	48.66291809	0	1.604729583	18.01985169	
05-Apr-24 06:00:00	27.09925053	0	1.239305258	1.418451442	2.331143141	13.82173443	1243.101074	172.6327362	0.000063	0.017603	0	0	0.000002	0.0004278	53.01803207	0	1.239305268	4.521713257	
05-Apr-24 07:00:00	22.87483482	0	1.399923615	1.579272151	11.81830007	14.17147541	1067.684093	147.4490356	0.000046	0.012735	0	0	0.000001	0.0004140	48.97289658	0	1.399923615	24.49517059	
05-Apr-24 08:00:00	22.85839729	0	1.435459584	1.610789418	4.883155836	13.76851749	1456.952148	211.1383514	0.000062	0.017178	0	0	0.000002	0.0005809	43.82125092	0	1.435410584	9.424510002	
05-Apr-24 09:00:00	21.41604614	0	1.806762218	1.97355032	20.39410973	14.31168468	1144.84379	142.0217438	0.000046	0.012813	0	0	0.000002	0.0005746	45.00699997	0	1.808762218	42.99228913	
05-Apr-24 10:00:00	22.88910438	0	1.283271313	1.443260648	0	13.44182587	1617.397217	261.8137817	0.000070	0.019330	0	0	0.000002	0.0005765	42.4717598	0	1.283271313	0	
05-Apr-24 11:00:00	24.99692536	0	1.30712878	1.477831006	0	13.4604311	1705.177734	267.0910645	0.000080	0.022278	0	0	0.000002	0.0006191	46.98341934	0	1.30712878	0	
05-Apr-24 12:00:00	23.87702484	0	1.432171941	1.600212812	9.048905373	14.23815872	1184.341583	145.4076843	0.000053	0.014655	0	0	0.000002	0.0004712	49.21520615	0	1.432171941	18.47907231	
05-Apr-24 13:00:00	23.76703835	0	1.37381549	1.572719402	11.56051914	14.24515057	1151.419087	167.5183716	0.000051	0.014302	0	0	0.000002	0.0004394	49.48132524	0	1.37381549	23.45575928	
05-Apr-24 14:00:00	22.23007011	0.007216476	1.697421479	2.074510336	17.68758475	14.26505947	1162.4375	141.7507019	0.000049	0.013505	2.1958E-08	8.0995E-06	0.000002	0.0006127	46.38703156	0.002840000	1.697421479	37.17062926	
05-Apr-24 15:00:00	25.57645725	0	1.201418757	1.384000331	0	13.41243744	1573.320315	250.5614964	0.000078	0.021114	0	0	0.000002	0.0005251	47.82258612	0	1.201418757	0	
05-Apr-24 16:00:00	26.46045921	0	1.219254891	1.382851352	0	13.4362421	1575.567817	257.56604	0.000079	0.021818	0	0	0.000002	0.0005340	49.17205811	0	1.219254891	0	
05-Apr-24 17:00:00	26.38684952	0	1.253822779	1.414214611	0	13.44801607	1681.082642	261.5224792	0.000083	0.023077	0	0	0.000002	0.0005855	48.86339669	0	1.253822779	0	
05-Apr-24 18:00:00	22.26863684	0	1.651800957	1.826818314	17.09569068	14.38641031	1181.291945	142.4233398	0.000050	0.013796	0	0	0.000002	0.0005420	47.32781052	0	1.651800957	36.10548927	
05-Apr-24 19:00:00	21.93162800	0	1.437645888	1.601527333	19.68627603	14.32912495	1208.334595	150.5631866	0.000050	0.013827	0	0	0.000002	0.0004817	48.06812398	0	1.437645888	42.09186571	
05-Apr-24 20:00:00	25.2055912	0	1.187328358	1.308198208	3.159449955	13.83792496	1309.672852	195.643338	0.000065	0.017936	0	0	0.000002	0.0004319	51.40380096	0	1.187325358	8.051454506	
05-Apr-24 21:00:00	22.24196825	0	1.645426273	1.827986332	19.28624163	14.46986457	1181.326294	139.6219003	0.000048	0.013737	0	0	0.000002	0.0005390	47.98709607	0	1.645426273	41.80590765	
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06-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
06-Apr-24 04:00:00	21.23503727	0	1.321801086	1.616007257	4.042194843	13.5891185	1327.051147	210.1720428	0.000058	0.018149	0	0	0.000002	0.0004872	44.00159073	0	1.321801086	8.455397606	
06-Apr-24 05:00:00	24.38776543	0	1.332216144	1.508728504	0	13.40911874	1635.140991	272.473175	0.000075	0.020796	0	0	0.000002	0.0006044	45.07014084	0	1.332216144	0	
06-Apr-24 06:00:00	21.24025538	0	1.164274464	1.356683337	0	13.31336308	1546.25	256.5498657	0.000062	0.017163	0	0	0.000002	0.0004997	38.79938126	0	1.164274484	0	
06-Apr-24 07:00:00	22.79247896	0	1.246388874	1.427491307	0	13.42179136	1638.708351	258.7901611	0.000070	0.019460	0	0	0.000002	0.0005658	42.23409653	0	1.246388874	0	
06-Apr-24 08:00:00	22.78351402	0	1.177979946	1.381512074	0	13.3509016	1568.93589	260.3345642	0.000067	0.018681	0	0	0.000002	0.0005134	41.83288867	0	1.177979946	0	
06-Apr-24 09:00:00	20.39180795	0	2.174696307	2.368757641	36.81994225	14.40602944	1186.463135	149.8943024	0.000045	0.012431	0	0	0.000003	0.0007646	43.47225159	0	2.174696307	77.90963202	
06-Apr-24 10:00:00	21.35663495	0	1.784818849	1.961127281	23.28529404	14.29085791	1170.380127	143.7211151	0.000047	0.013063	0	0	0.000002	0.0005803	44.73916626	0	1.784818849	48.7753334	
06-Apr-24 11:00:00	24.18950568	0	1.238222884	1.413929462	0	13.36280441	1570.718494	250.14181	0.000071	0.019858	0	0	0.000002	0.0005407	44.48445847	0	1.238222884	0	
06-Apr-24 12:00:00	25.25865801	0	1.186249971	1.352579455	0.09459307	13.47903497	1604.177246	240.8637695	0.000075	0.020721	0	0	0.000002	0.0005220	46.71340335	0	1.186249971	0.088121722	
06-Apr-24 13:00:00	25.69874072	0	1.183194041	1.345425414	0	13.38119221	1635.367861	258.7368638	0.000079	0.021876	0	0	0.000002	0.0005376	47.18223953	0	1.183194041	0	
06-Apr-24 14:00:00	26.37416123	0	1.21817608	1.388959406	0	13.423668	1685.349487	257.2587351	0.000084	0.023238	0	0	0.000002	0.0005694	48.88381577	0	1.21817608	0	
06-Apr-24 15:00:00	25.92226601	0	1.154901981	1.318016291	0	13.41426764	1664.141968	253.2334442	0.000081	0.022544	0	0	0.000002	0.0005339	47.97589874	0	1.154901981	0	
06-Apr-24 16:00:00	24.62200344	0	1.179211856	1.354366422	0	13.40363026	1644.582988	254.3825684	0.000076	0.021077	0	0	0.000002	0.0005387	45.32551258	0	1.179211856	0	
06-Apr-24 17:00:00	25.39059258	0	1.176066352	1.358984864	0.012184591	13.46788507	1680.791626	248.7960052	0.000076	0.021640	0	0	0.000002	0.0005323	47.33935928	0	1.176066352	0.025838792	
06-Apr-24 18:00:00	22.49116733	0	1.680604203	1.85411459	19.44105911	14.30520309	1247.029541	142.3190155	0.000053	0.014832	0	0	0.000002	0.0005821	47.77158119	0	1.680504203	40.77075958	
06-Apr-24 19:00:00	23.66877174	0	1.181668758	1.352711916	0	13.44584359	1682.079416	252.9815631	0.000074	0.020559	0	0	0.000002	0.0005456	44.66474546	0	1.181668258	0	
06-Apr-24 20:00:00	23.97393036	0	1.141716838	1.315545201	0	13.38660807	1637.534155	254.0721436	0.000069	0.019295	0	0	0.000002	0.0004817	44.22799683	0	1.141716838	0	
06-Apr-24 21:00:00	23.1737047	0	1.068571815	1.229032874	0	13.35011364	1672.183228	258.877655	0.000073	0.020251	0	0	0.000002	0.0004917	42.94773159	0	1.068571815	0	
06-Apr-24 22:00:00	23.30172539	0	1.088115899	1.25300025	0	13.32468349	1664.301392	259.1061072	0.000068	0.018928	0	0	0.000002	0.0004858	42.63306046	0	1.088115899	0	
06-Apr-24 23:00:00	23.56941255	0	1.086816182	1.257294175	0	13.32000446	1587.038574	259.7962271	0.000070	0.019538	0	0	0.000002	0.0004781	43.07204058	0	1.086816182	0	
07-Apr-24 00:00:00	21.81854248	0	1.122850857	1.297496798	0	13.34183593	1586.843872	261.0834045	0.000064	0.017752	0	0	0.000002	0.0004556	39.99730383	0	1.122890087	0	
07-Apr-24 01:00:00	23.18044853	0	1.142785788	1.327814188	0	13.40228658	1653.698477	262.4659941	0.000072	0.020033	0	0	0.000002	0.0005248	42.83278275	0	1.142785788	0	
07-Apr-24 02:00:00	23.70073509	0	1.140792131	1.341503756	0	13.37400913	1694.187266	269.4312439	0.000073	0.020241	0	0	0.000002	0.0005179	43.83317871	0	1.140792131	0	
07-Apr-24 03:00:00	21.55081291	0	1.140618308	1.325222158	0	13.38517962	1596.676635	258.0130863	0.000064	0.017649	0	0	0.000002	0.0005008	39.36479568	0	1.140618308	0	
07-Apr-24 04:00:00	22.34780284	0	1.218111992	1.389128327	0	13.3813031	1658.021606	259.7454224	0.000070	0.019364	0	0	0.000002	0.0005610	41.01652582	0	1.218111992	0	
07-Apr-24 05:00:00	22.53812981	0	1.504275943	1.986588689	11.65068189	14.05276958	1226.015943	164.8452759	0.000052	0.014445	0	0	0.000002	0.0006145	45.68476639	0	1.504275943	23.04958844	
07-Apr-24 06:00:00	21.98912048	0	1.219878912	1.391368369	0	13.41200924	1611.569913	267.6803711	0.000067	0.018520	0	0	0.000002	0.0005461	40.68885613	0	1.219878912	0	
07-Apr-24 07:00:00	21.48973893	0	1.734131217	1.916712996	19.44264284	14.33285577	1172.346313	142.927309	0.000047	0.013166	0	0	0.000002	0.0005647	44.66981356	0	1.734131217	40.43739937	
07-Apr-24 08:00:00	21.83463089	0	1.812875687	1.976971269	19.01577042	14.24815941	1081.221558	144.0834045	0.000044	0.012338	0	0	0.000002	0.0005445	45.44602478	0	1.812875687	39.72613199	
07-Apr-24 09:00:00	21.91548059	0.002365911	1.755826937	1.91215992	19.51905864	14.28189206	1135.780691	141.6338792	0.000047	0.013020	8.5368E-09	2.3713E-06	0.000002	0.0005575	45.67538528	0	1.755826937	41.37378016	
07-Apr-24 10:00:00	22.97166906	0	1.942209901	2.114109039	15.20897882	14.24869011	1128.735302	141.2369525	0.000049	0.013551	0	0	0.000002	0.0006000	47.74918363	0	1.942209901	30.43394279	
07-Apr-24 11:00:00	22.30501809	0	1.930163741	2.105073975	21.45540573	14.38378046	1164.103027	140.0905057	0.000049	0.013672	0	0	0.000002	0.0006241	47.27345617	0	1.930163741	46.30557495	
07-Apr-24 12:00:00	25.74855423	0	1.239096185	1.414842129	0.387870873	13.45019505	1572.568848	245.6278381	0.000076	0.021181	0	0	0.000002	0.0005413	48.0881069	0	1.239096185	0.044894195	
07-Apr-24 13:00:00	24.71858707	0	1.308048699	1.458891866	0	13.35510073	1582.735716	257.7418823	0.000074	0.020444	0	0	0.000002	0.0005751	45.38357135	0.001752134	1.308048699	0	
07-Apr-24 14:00:00	27.38153539	0	1.31753992	1.477283230	0	13.43817711	1602.368043	260.6328064	0.000083	0.022936	0	0	0.000002	0.0005864	50.88012299	0	1.31753992	0	
07-Apr-24 15:00:00	24.91237387	0	1.210153927	1.386296337	0	13.38176727	1597.793532	252.3114166	0.000075	0.020852	0	0	0.000002	0.0005371	48.63470993	0	1.210153937	0	
07-Apr-24 16:00:00	25.48054242	0	1.24910591	1.410279155	0	13.41219284	1583.822876	254.6279907	0.000075	0.020888	0	0	0.000002	0.0005426	47.11397171	0	1.24910591	0	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	Emission Loading NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Apr-24 17:00:00	25.38577481	0	1.193943977	1.390968344	0	13.46389061	1639.55979	261.697113	0.000078	0.021753	0	0	0.000002	0.0005438	47.30783463	0	1.193943977	0	
07-Apr-24 18:00:00	25.1300889	0	1.244746208	1.417887092	0	13.43864346	1611.929139	261.4592896	0.000079	0.022012	0	0	0.000002	0.0005673	48.52026254	0	1.244746208	0	
07-Apr-24 19:00:00	25.99142075	0	1.239069462	1.41361928	0	13.41348848	1604.27002	266.191926	0.000078	0.021791	0	0	0.000002	0.0005522	48.08967209	0	1.239069462	0	
07-Apr-24 20:00:00	25.61026392	0	1.141538593	1.35875825	0	13.36262132	1589.391848	266.0600128	0.000075	0.020871	0	0	0.000002	0.0004945	47.0909482	0	1.141538593	0	
07-Apr-24 21:00:00	26.11133766	0	1.179016352	1.341584818	0	13.43065453	1677.394165	263.0689597	0.000082	0.022890	0	0	0.000002	0.0005404	48.43726987	0	1.179016352	0	
07-Apr-24 22:00:00	23.59540061	0	1.16737926	1.356736376	0	13.39391422	1611.834229	254.518892	0.000072	0.019676	0	0	0.000002	0.0005227	43.60432724	0	1.16737926	0	
07-Apr-24 23:00:00	23.98980676	0	1.090748429	1.282141109	0	13.36013985	1642.710083	256.0049438	0.000074	0.020596	0	0	0.000002	0.0004977	44.08773041	0	1.090748429	0	
08-Apr-24 00:00:00	23.24218569	0	1.135978103	1.325557947	3.085631096	13.5090847	1616.099487	253.430603	0.000071	0.019630	0	0	0.000002	0.0005108	43.67107162	0	1.135978103	0.147194773	
08-Apr-24 01:00:00	23.45066661	0	1.15102303	1.325569034	0	13.3616457	1570.337769	259.8726685	0.000069	0.019245	0	0	0.000002	0.0005021	43.09300232	0	1.15102303	0	
08-Apr-24 02:00:00	22.56780624	0	1.273565888	1.443205833	1.139746812	13.52248692	1521.186401	245.589082	0.000065	0.018059	0	0	0.000002	0.0005417	42.45130403	0	1.273565888	2.028283264	
08-Apr-24 03:00:00	23.74269485	0	1.298579931	1.464486361	0.838807797	13.46878624	1596.603892	237.4346466	0.000071	0.019811	0	0	0.000002	0.0005759	44.2688446	0	1.298579931	1.481851561	
08-Apr-24 04:00:00	23.95879938	0	1.318311956	1.481500745	1.698757908	13.49515067	1641.342651	244.5074066	0.000074	0.020551	0	0	0.000002	0.0006001	44.81959934	0	1.318311956	2.887454033	
08-Apr-24 05:00:00	20.69624329	0	1.342187643	1.335210848	0.04027579	13.38638684	1509.01416	258.475769	0.000062	0.017296	0	0	0.000002	0.0005062	38.16880962	0	1.342187643	0.023248104	
08-Apr-24 06:00:00	22.25912285	0	1.384460688	1.579434276	0	13.34215927	1534.564087	258.9001465	0.000068	0.019615	0	0	0.000002	0.0005256	40.80479761	0	1.384460688	0	
08-Apr-24 07:00:00	21.99941444	0	1.840336945	2.020929337	19.28991023	14.23739654	1107.054932	141.9839935	0.000046	0.012726	0	0	0.000002	0.0005650	45.69747162	0	1.840336945	39.90887359	
08-Apr-24 08:00:00	23.5317173	0	1.42506218	1.610834581	9.627364731	13.99677904	1248.782715	162.274765	0.000055	0.015367	0	0	0.000002	0.0004943	47.30454063	0	1.42506218	19.41459455	
08-Apr-24 09:00:00	22.91032028	0.005332301	1.294560926	1.476034184	0.825763306	13.59710312	1618.024414	232.6447754	0.000070	0.019373	2.2584E-08	6.2733E-08	0.000002	0.0005810	43.4596312	0	1.294560926	1.697376409	
08-Apr-24 10:00:00	23.61022644	0	1.992390613	2.160182041	11.94236986	14.21494865	1232.697095	141.1774139	0.000055	0.015341	0	0	0.000002	0.0006023	49.31219482	0	1.992390613	24.6468286	
08-Apr-24 11:00:00	25.78940092	0.004373682	1.52793479	1.700953484	4.700154306	13.96817126	1353.198843	184.8280334	0.000060	0.018236	1.5492E-08	4.3033E-08	0.000002	0.0005742	51.51941681	0.003006827	1.52793479	9.649639702	
08-Apr-24 12:00:00	24.67699016	0	1.767383319	1.918914876	12.77221012	14.35180378	1187.819214	143.3321076	0.000066	0.016256	0	0	0.000002	0.0005796	51.67944641	0	1.767383319	26.90529033	
08-Apr-24 13:00:00	27.86900461	0	1.433558583	1.596330358	0	13.45605664	1592.601318	250.1091003	0.000083	0.022946	0	0	0.000002	0.0006342	51.31998825	0	1.433558583	0	
08-Apr-24 14:00:00	26.63228035	0	1.334835887	1.526005258	0	13.48434784	1667.508789	259.4623108	0.000083	0.023079	0	0	0.000002	0.0006140	49.6324501	0	1.334835887	0	
08-Apr-24 15:00:00	26.84017181	0.000370259	1.398713376	1.584515521	0	13.49072538	1542.476563	256.2159119	0.000083	0.023039	1.091E-09	4.4195E-07	0.000002	0.0006372	50.14654622	0.000397095	1.398713376	0	
08-Apr-24 16:00:00	26.36241341	0	1.440854549	1.541233444	0	13.41355468	1650.731445	257.6254436	0.000088	0.024405	0	0	0.000002	0.0006607	52.50045776	0	1.440854549	0	
08-Apr-24 17:00:00	27.4493618	0	1.402636806	1.570656333	0	13.46751309	1665.791743	253.5002747	0.000086	0.023896	0	0	0.000002	0.0006400	51.17749023	0	1.402636806	0	
08-Apr-24 18:00:00	23.61093903	0	1.832664847	2.008080069	15.80752384	14.36309315	1178.061768	140.0811287	0.000052	0.014549	0	0	0.000002	0.0006002	49.91444397	0	1.832664847	32.72713089	
08-Apr-24 19:00:00	27.17048264	0	1.338740706	1.50551331	0	13.47682858	1660.794556	263.0582276	0.000085	0.023582	0	0	0.000002	0.0006178	50.7130127	0	1.338740706	0	
08-Apr-24 20:00:00	24.01255035	0	1.480401874	1.688289423	14.66915138	14.35998726	1227.593384	148.2317352	0.000056	0.015485	0	0	0.000002	0.0005048	50.8118515	0	1.480401874	31.13373756	
08-Apr-24 21:00:00	26.05606805	0	1.232387066	1.396362041	0	13.39381	1587.315582	261.4551565	0.000080	0.022381	0	0	0.000002	0.0005434	49.76132965	0	1.232387066	0	
08-Apr-24 22:00:00	25.1787412	0	1.369963003	1.537586331	6.343484402	14.09435453	1353.88501	183.5918427	0.000064	0.017813	0	0	0.000002	0.0005148	51.23288727	0	1.369963003	12.97872708	
08-Apr-24 23:00:00	24.74440675	0	1.420413136	1.607019709	6.920369176	13.96379662	1478.513184	197.0375619	0.000067	0.018733	0	0	0.000002	0.0005834	48.4193009	0	1.420413136	14.0054359	
09-Apr-24 00:00:00	24.15041733	0	1.772938848	1.953219414	12.56024719	14.20347116	1113.109741	139.633313	0.000051	0.014049	0	0	0.000002	0.0005482	49.9399147	0	1.772938848	25.73166982	
09-Apr-24 01:00:00	25.15456055	0	1.230270624	1.412342429	0	13.42938791	1780.142334	264.6063964	0.000084	0.023402	0	0	0.000002	0.0006093	48.65842438	0	1.230270624	0	
09-Apr-24 02:00:00	23.8815136	0	1.184460163	1.348739126	0	13.40127466	1753.941406	263.9093323	0.000079	0.021890	0	0	0.000002	0.0005771	44.12376786	0	1.184460163	0	
09-Apr-24 03:00:00	21.39782906	0	1.574665308	1.763445973	22.33140756	14.31175332	1094.276809	142.3139834	0.000044	0.012237	0	0	0.000002	0.0004798	44.95386687	0	1.574665308	47.08968455	
09-Apr-24 04:00:00	21.65485191	0	1.709056543	1.884719729	20.65662902	14.16942787	1127.323486	141.8390198	0.000046	0.012758	0	0	0.000002	0.0005352	44.0667131	0	1.709056543	42.62331924	
09-Apr-24 05:00:00	22.29369736	0	1.909188087	1.98010385	19.49630609	14.21869074	1144.57605	141.2544708	0.000048	0.013336	0	0	0.000002	0.0005752	46.21331787	0	1.909188087	40.41162109	
09-Apr-24 06:00:00	21.79649071	0	1.958288371	2.04573934	20.98560600	14.29043251	1104.001343	141.2032013	0.000045	0.012553	0	0	0.000002	0.0005729	45.16550527	0	1.958288371	43.50263937	
09-Apr-24 07:00:00	21.88439941	0	1.755438487	1.949778438	19.34437561	14.16362263	1131.328369	141.0253448	0.000047	0.012939	0	0	0.000002	0.0005517	44.93270493	0	1.755438487	39.67318063	
09-Apr-24 08:00:00	26.17151451	0	1.42049684	1.574629698	4.479187343	13.88177254	1247.28064	176.7587061	0.000061	0.017060	0	0	0.000002	0.0004552	51.50672779	0	1.42049684	8.588205315	
09-Apr-24 09:00:00	24.02860059	0	1.27483964	1.445045114	0	13.47328756	1588.238281	246.5376892	0.000072	0.018044	0	0	0.000002	0.0005624	44.84054865	0	1.27483964	0.15844452	
09-Apr-24 10:00:00	25.11258698	0	1.218062878	1.391631007	0	13.33338504	1644.114136	256.2094543	0.000078	0.021577	0	0	0.000002	0.0005683	45.98581641	0	1.218062878	0	
09-Apr-24 11:00:00	25.90478418	0	1.256134748	1.438478563	0	13.36367271	1709.158838	261.5958187	0.000082	0.022891	0	0	0.000002	0.0005963	46.83086895	0	1.256134748	0	
09-Apr-24 12:00:00	25.62175484	0	1.273730278	1.445769808	0	13.41517363	1699.881499	256.945343	0.000083	0.023025	0	0	0.000002	0.0006014	47.98285876	0	1.273730278	0	
09-Apr-24 13:00:00	28.01609421	0	1.319729328	1.478100667	0	13.42213699	1575.140625	263.321991	0.000088	0.024526	0	0	0.000002	0.0006141	51.97598166	0	1.319729328	0	
09-Apr-24 14:00:00	27.08534035	0	1.311964512	1.487674613	0	13.42987115	1543.898438	259.5076134	0.000087	0.024051	0	0	0.000002	0.0005991	51.89884567	0	1.311964512	0	
09-Apr-24 15:00:00	27.36973158	0	1.312338114	1.470268969	0	13.50050883	1559.248901	256.5770264	0.000085	0.023743	0	0	0.000002	0.0006040	51.26623494	0	1.312338114	0	
09-Apr-24 16:00:00	26.79802695	0	1.241484923	1.408384264	0	13.42574787	1522.270874	259.3759083	0.000082	0.022726	0	0	0.000002	0.0005605	49.5835289	0	1.241484923	0	
09-Apr-24 17:00:00	26.63902084	0	1.294160485	1.453472488	0	13.44493062	1524.449463	256.5507819	0.000081	0.022530	0	0	0.000002	0.0005840	49.32744569	0	1.294160485	0	
09-Apr-24 18:00:00	27.4053421	0	1.209941963	1.380131841	0	13.44233227	1537.400024	263.7119479	0.000084	0.023461	0	0	0.000002	0.0005489	50.9252739	0	1.209941963	0	
09-Apr-24 19:00:00	26.68380928	0	1.230237126	1.412402183	0	13.4583179	1626.702271	264.0239868	0.000082	0.022671	0	0	0.000002	0.0005556	49.67624251	0	1.230237126	0	
09-Apr-24 20:00:00	26.11819287	0	1.371018887	1.591380277	0	13.48663112	1701.466843	263.9104919	0.000084	0.023224	0	0	0.000002	0.0006480	48.62202073	0	1.371018887	0	
09-Apr-24 21:00:00	25.32742691	0	1.269337416	1.443980217	0	13.43249689	1624.366455	260.68396	0.000077	0.021501	0	0	0.000002	0.0005727	47.00869969	0	1.269337416	0	
09-Apr-24 22:00:00	21.13407135	0	1.661847591	1.818858882	22.50326294	14.27681446	1176.40675	139.2769775	0.000047	0.012993	0	0	0.000002	0.0005431	44.17108536	0	1.661847591	47.27156448	
09-Apr-24 23:00:00	22.40898705	0	1.631226182	1.807748116	13.34794006	14.03909874	1381.401123	195.0411072	0.000058	0.016178	0	0	0.000002	0.0006258	45.27768236	0	1.631226182	26.86873279	
10-Apr-24 00:00:00	22.13472939	0	1.952548732	2.137594451	24.25324631	14.26235876	1163.738281	142.0721588	0.000048	0.013406	0	0	0.000002	0.0006309	48.18493271	0	1.952548732	50.35089403	
10-Apr-24 01:00:00	23.06626758	0	1.132098683	1.29297781	0	13.32599068	1623.443848	266.5177063	0.000073	0.020362	0	0	0.000002	0.0005060	43.91629026	0	1.132098683	0	
10-Apr-24 02:00:00	23.08638093	0	1.117777824	1.285249839	0	13.35890117	1741.23916	260.5040955	0.000076	0.021008	0	0	0.000002	0.0005400	42.41503143	0	1.117777824	0	
10-Apr-24 03:00:00	24.01317734	0	1.183953285	1.354865789	2.380206853	13.41959672	1704.702881	256.1957192	0.000077	0.021447	0	0	0.000002	0.0005008	44.59694235	0	1.183953285	0.557044736	
10-Apr-24 04:00:00	21.96757195	0	1.791954279	1.981553127	21.64308076	14.23082161	1171.38873	142.7971191	0.000048	0.013400	0	0	0.000002	0.0005831	45.87599587	0	1.791954279	44.67396401	
10-Apr-24 05:00:00	21.12557602	0	1.96435867	2.134965897	26.24102974	14.21692946	1090.956811	142.0295258	0.000043	0.012045	0	0	0.000002	0.0005923	43.79081345	0	1.96435867	54.38666654	
10-Apr-24 06:00:00	23.98418694	0	1.629900091	1.925909904	13.19092907	14.38153629	1148.540283	158.4027667	0.000052	0.014342	0	0	0.000002	0.0005187	46.51638303	0	1.629900091	28.78126724	
10-Apr-24 07:00:00	20.77462959	0	1.933991194	2.106305319	25.48292305	14.20665359	1094.290151	141.5434784	0.000042	0.011772	0	0	0.000002	0.0005825	42.97602081	0.00042098	1.933991194	54.78171921	
10-Apr-24 08:00:00	20.6491046	0	1.89927125	2.077445699	30.21702003	14.27980457	1157.027222	142.5780029	0.000046	0.012867	0	0	0.000002	0.0006194	43.77087971	0	1.89927125	63.11794998	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	Emission Loading NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/s	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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17-Apr-24 09:00:00	25.04202271	0	1.384415388	1.565944314	0.100323969	13.38850716	1717.594883	259.4799805	0.000084	0.023375	0	0	0.000002	0.0006805	47.85472404	0	1.384415388	0.185943663	
17-Apr-24 10:00:00	23.11215401	0	1.464803457	1.638358712	3.639787874	13.8117485	1382.330444	195.8816581	0.000066	0.018233	0	0	0.000002	0.0005693	49.05819918	0	1.464803457	6.959217687	
17-Apr-24 11:00:00	22.17346764	0	1.716337592	1.892432451	18.20893281	14.25900909	1121.380607	142.0463409	0.000047	0.012995	0	0	0.000002	0.0005346	45.33192644	0	1.716337592	33.90581639	
17-Apr-24 12:00:00	22.38142963	0	1.718522191	1.88090229	14.84925842	14.30738476	1121.10083	140.5729925	0.000047	0.013113	0	0	0.000002	0.0005352	47.02365112	0	1.718522191	31.26950805	
17-Apr-24 13:00:00	25.09297943	0	1.877310228	1.887081563	15.24924946	14.34645776	1141.013062	142.5476227	0.000050	0.013843	0	0	0.000002	0.0005344	45.77014542	0	1.877310228	32.23125075	
17-Apr-24 14:00:00	25.50965300	0.000632465	1.334496288	1.503447786	3.368313313	14.03359316	1589.193726	196.6453454	0.000068	0.018969	2.0633E-09	3.2870E-07	0.000002	0.0005076	58.47291989	0.001678101	1.334496288	6.887879297	
17-Apr-24 15:00:00	26.21443748	0	1.308029175	1.482117057	0	13.51790613	1906.141357	241.5481608	0.000080	0.022268	0	0	0.000002	0.0005472	52.69706204	0	1.308029175	0.058824785	
17-Apr-24 16:00:00	29.80842319	0	1.457348624	1.637043715	0	13.40181206	1627.086426	267.9805352	0.000091	0.025345	0	0	0.000002	0.0005567	55.23343277	0	1.457348624	0	

Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/s	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Apr-24 17:00:00	27.10088593	0	1.178120494	1.353938974	0	13.42523425	1609.619873	260.1470032	0.000080	0.022231	0	0	0.000002	0.0005137	50.27443984	0	1.178120494	0	
17-Apr-24 18:00:00	23.06017494	0	1.456019229	1.596386597	13.65090032	14.25691738	1139.267584	141.3718567	0.000040	0.013731	0	0	0.000002	0.0004837	48.77967272	0	1.456019229	28.92710688	
17-Apr-24 19:00:00	23.68748665	0	1.459337583	1.633960949	10.29531384	14.26315022	1171.33687	140.0594788	0.000052	0.014500	0	0	0.000002	0.0004781	49.41732407	0	1.459337583	21.62047005	
17-Apr-24 20:00:00	22.02852680	0	1.617719293	1.799064758	20.4842088	14.40728092	1195.941772	141.453166	0.000050	0.013767	0	0	0.000002	0.0005374	48.97041321	0	1.617719293	43.656383	
17-Apr-24 21:00:00	25.69944382	0	1.145218134	1.325148460	0	13.41287881	1622.900987	255.0948334	0.000078	0.021708	0	0	0.000002	0.0005183	47.5741272	0	1.145218134	0	
17-Apr-24 22:00:00	23.36458315	0	1.61961926	1.795349598	11.80179034	14.21984005	1151.639525	141.7568623	0.000051	0.014062	0	0	0.000002	0.0005181	48.42533112	0	1.61961926	24.3585453	
17-Apr-24 23:00:00	23.27383814	0	1.250928402	1.419110208	0	13.44153023	1589.83374	254.5279907	0.000069	0.019094	0	0	0.000002	0.0005455	43.24158478	0	1.350928402	0	
18-Apr-24 00:00:00	22.61439657	0	1.1768049	1.357417583	0	13.42022614	1603.667378	267.5496826	0.000068	0.018860	0	0	0.000002	0.0005242	41.71248245	0	1.1768049	0	
18-Apr-24 01:00:00	22.67872609	0	1.164235426	1.338832021	0	13.3741584	1608.380981	258.5469238	0.000068	0.018955	0	0	0.000002	0.0005195	41.5773736	0	1.164235426	0	
18-Apr-24 02:00:00	22.11492129	0	1.395303369	1.582621813	17.59620132	14.22210407	1218.212891	148.5720062	0.000051	0.014056	0	0	0.000002	0.0004714	45.85434541	0	1.395303369	36.53600159	
18-Apr-24 03:00:00	20.70070652	0	1.714490852	1.873866064	26.07640321	14.27448463	1122.773926	143.7659912	0.000044	0.012147	0	0	0.000002	0.0005347	43.354534	0	1.714490852	52.51605452	
18-Apr-24 04:00:00	21.63991923	0	1.647853285	1.82702744	17.92361723	14.21310139	1059.977905	145.4067887	0.000044	0.012327	0	0	0.000002	0.0004680	44.78221722	0	1.647853285	37.71094513	
18-Apr-24 05:00:00	21.95831569	0	1.603010583	1.980883452	20.67222023	14.24960518	1107.068726	145.3490295	0.000046	0.012703	0	0	0.000002	0.0005545	45.71038066	0.00228884	1.603010583	43.07481199	
18-Apr-24 06:00:00	21.16517245	0	1.834533334	2.014521599	25.03290749	14.30196571	1097.339233	145.0657806	0.000044	0.012154	0	0	0.000002	0.0005592	44.45690709	0	1.834533334	54.5299057	
18-Apr-24 07:00:00	21.81519241	0	1.618473849	1.796073079	20.49666884	14.25583363	1110.129639	146.7870331	0.000046	0.012642	0	0	0.000002	0.0005031	45.01637704	0	1.618473849	42.97174606	
18-Apr-24 08:00:00	24.63449478	0	1.579378101	1.798737871	1.623436368	14.03429794	1204.587036	145.8459015	0.000058	0.015505	0	0	0.000002	0.0005285	49.38477249	0	1.579378101	15.30795329	
18-Apr-24 09:00:00	21.89679787	0	1.856128381	2.042403698	21.50382208	14.29897118	1150.687603	142.0919950	0.000047	0.013023	0	0	0.000002	0.0005830	46.42021942	0	1.856128381	44.91872177	
18-Apr-24 10:00:00	21.96685039	0	1.906701637	2.072004795	18.78438759	14.28931522	1174.127563	141.6164215	0.000049	0.013489	0	0	0.000002	0.0006215	46.07335281	0	1.906701637	39.35648727	
18-Apr-24 11:00:00	22.92152023	0	2.020341396	2.198832989	14.46478271	14.22873211	1224.824951	139.8274689	0.000053	0.014672	0	0	0.000002	0.0006874	47.39433365	0	2.020341396	30.25501442	
18-Apr-24 12:00:00	22.74170113	0	1.837370167	2.014680465	18.65348434	14.37589714	1133.84802	142.203537	0.000049	0.013473	0	0	0.000002	0.0005788	48.28229882	0	1.837370167	38.65526245	
18-Apr-24 13:00:00	23.67930984	0	1.676835604	1.843798268	14.08119106	14.32910198	1141.596313	142.7997742	0.000051	0.014127	0	0	0.000002	0.0005317	49.89060211	0.001365485	1.676835604	30.41667557	
18-Apr-24 14:00:00	24.53142166	0	1.811428785	1.97854197	10.52343559	14.30625818	1209.114502	140.5579407	0.000056	0.015501	0	0	0.000002	0.0006084	51.60732422	0.001520953	1.811428785	21.87928772	
18-Apr-24 15:00:00	25.42353439	0	1.79876556	2.302578974	8.123149872	14.28633213	1163.265015	138.494612	0.000055	0.015323	0	0	0.000002	0.0005762	53.28023492	0	1.79876556	16.77985573	
18-Apr-24 16:00:00	23.30096054	0	1.739076138	1.91178033	17.08342934	14.43692112	1160.450981	133.343277	0.000051	0.014131	0	0	0.000002	0.0005808	40.90698242	0	1.739076138	36.8896842	
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Site Name: GULF OUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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22-Apr-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-Apr-24 18:00:00	26.65259661	0	1.242878914	1.415347504	3.504571678	13.92363252	1349.09658	197.6258018	0.000068	0.018791	0	0	0.000002	0.0004650	52.91726573	0	1.242878914	8.863081932	
22-Apr-24 19:00:00	28.31324196	0	1.231297731	1.407546209	0	13.43272495	1688.3479	287.5258348	0.000090	0.024852	0	0	0.000002	0.0005766	52.54981995	0	1.231297731	0	
22-Apr-24 20:00:00	25.7112484	0	1.203375678	1.387814641	0	13.32900091	1624.692093	280.9405433	0.000082	0.022690	0	0	0.000002	0.0005431	48.85269847	0	1.203375678	0	
22-Apr-24 21:00:00	26.53087618	0	1.170862436	1.358988139	0	13.38245678	1564.355103	261.0073547	0.000078	0.021652	0	0	0.000002	0.0005055	48.89937592	0	1.170862436	0	
22-Apr-24 22:00:00	24.71456958	0	1.233907819	1.414788312	3.729709625	13.88657475	1402.470337	189.9171908	0.000065	0.018114	0	0	0.000002	0.0004807	48.7779807	0	1.233907819	7.291673183	
22-Apr-24 23:00:00	26.22660381	0	1.190932393	1.364996791	2.177058935	13.81000832	1409.907104	203.4339447	0.000076	0.018324	0	0	0.000002	0.0004664	51.24185944	0	1.190932393	4.301635298	
23-Apr-24 00:00:00	21.79694176	0	1.567299258	1.726738012	17.83070945	14.27708244	1009.234497	141.2290192	0.000044	0.012190	0	0	0.000002	0.0004676	45.93351593	0	1.567299258	37.25913193	
23-Apr-24 01:00:00	22.0094873	0	1.208530903	1.393738369	0	13.29488964	1598.001221	259.6191101	0.000060	0.018450	0	0	0.000002	0.0005365	40.27205658	0	1.208530903	0	
23-Apr-24 02:00:00	22.5688887	0	1.170864224	1.359496474	0	13.34481907	1566.180178	267.94776	0.000056	0.018345	0	0	0.000002	0.0005091	41.37350784	0	1.170864224	0	
23-Apr-24 03:00:00	22.6303196	0	1.360965252	1.54218373	8.049733162	13.93907452	1480.134396	222.2377319	0.000063	0.017595	0	0	0.000002	0.0005606	46.02503566	0	1.360965252	18.01323509	
23-Apr-24 04:00:00	22.21485136	0	1.499835372	1.672851801	13.47441789	14.20569992	1128.256348	140.4664917	0.000047	0.013009	0	0	0.000002	0.0004781	45.94809723	0	1.499835372	27.55596924	
23-Apr-24 05:00:00	23.83853732	0	1.244300981	1.418395609	5.932514181	13.95018578	1233.406982	178.6286469	0.000055	0.015356	0	0	0.000002	0.0004283	47.49536731	0	1.244300981	12.08659172	
23-Apr-24 06:00:00	21.80532198	0	1.530199528	1.704349801	13.84904581	14.19433403	1105.339722	141.2820129	0.000040	0.012647	0	0	0.000002	0.0004696	46.2096138	0	1.530199528	27.96457781	
23-Apr-24 07:00:00	21.93542862	0	1.580378744	1.763171554	14.85248108	14.1953754	1158.278564	141.405501	0.000048	0.013278	0	0	0.000002	0.0005085	45.28539221	0	1.580378744	30.45983316	
23-Apr-24 08:00:00	23.58627319	0	1.522773604	1.69407177	7.928491592	14.08145858	1160.686819	151.4656525	0.000052	0.014307	0	0	0.000002	0.0004918	47.6971405	0	1.522773604	16.0970095	
23-Apr-24 09:00:00	22.32778549	0	1.515603423	1.700682056	11.72381275	14.21404743	1123.020996	141.3303986	0.000047	0.013184	0	0	0.000002	0.0004728	46.25408936	0	1.515603423	24.37849679	
23-Apr-24 10:00:00	21.9162532	0	1.738121687	1.915218519	14.92843723	14.23378274	1164.562368	142.3348846	0.000049	0.013687	0	0	0.000002	0.0005718	45.51312689	0	1.738121687	31.22919829	
23-Apr-24 11:00:00	21.07427597	0	1.734434843	1.932639599	21.87382537	14.32522719	1154.87915	140.8179422	0.000046	0.012718	0	0	0.000002	0.0005504	44.3845817	0	1.734434843	46.18752259	
23-Apr-24 12:00:00	21.5421268	0	1.935862422	2.103195821	19.52386898	14.34078009	1159.542725	141.3275482	0.000047	0.013053	0	0	0.000002	0.0006236	45.48553203	0	1.935862422	41.59404706	
23-Apr-24 13:00:00	27.56769371	0	1.451520681	1.619192123	0	13.90352573	1600.693188	245.5073395	0.000078	0.021824	0	0	0.000002	0.0006452	51.64481354	0	1.451520681	0	
23-Apr-24 14:00:00	23.53662364	0	1.58109567	1.761398554	15.50375262	14.33534323	1158.729126	142.579895	0.000049	0.013658	0	0	0.000002	0.0005087	47.7455011	0	1.58109567	32.73658371	
23-Apr-24 15:00:00	23.58439837	0	1.71729617	1.891370161	17.83013456	14.38493729	1199.545602	140.6369751	0.000051	0.014158	0	0	0.000002	0.0005722	47.9922142	0	1.71729617	37.43325608	
23-Apr-24 16:00:00	24.75454712	0	1.985724707	2.139890194	8.82602644	14.13700581	1182.503906	139.3303223	0.000054	0.015030	0	0	0.000002	0.0006345	50.67281723	0	1.985724707	19.80110032	
23-Apr-24 17:00:00	23.81690568	0	1.821299875	2.012278888	16.65159798	14.41619164	1106.207397	141.705719	0.000050	0.013906	0	0	0.000002	0.0005600	48.71123888	0	1.821299875	39.81468433	
23-Apr-24 18:00:00	23.4467926	0	1.801985502	1.973383757	17.96981841	14.44783593	1146.629862	140.6447296	0.000051	0.014049	0	0	0.000002	0.0005739	50.29408545	0	1.801985502	38.70884268	
23-Apr-24 19:00:00	23.29531424	0	1.772597551	1.945665909	18.18256806	14.42184529	1213.100783	141.6213684	0.000053	0.014769	0	0	0.000002	0.0005873	49.79391479	0	1.772597551	38.86859093	
23-Apr-24 20:00:00	25.21309862	0	1.3704982	1.547226078	5.36159277	14.03985263	1357.158269	190.8739258	0.000064	0.017883	0	0	0.000002	0.0005187	50.89912796	0	1.3704982	10.80438042	
23-Apr-24 21:00:00	26.12017464	0	1.242448449	1.417846084	0	13.40717983	1653.918158	260.7242737	0.000081	0.022580	0	0	0.000002	0.0005708	48.32627161	0	1.242448449	0	
23-Apr-24 22:00:00	24.12582946	0	1.405064344	1.589057803	1.651956201	13.73717785	1475.187012	215.6971843	0.000067	0.018838	0	0	0.000002	0.0005769	48.66621667	0	1.405064344	3.19327759	
23-Apr-24 23:00:00	26.81630516	0	1.183803568	1.357170485	1.585577535	13.83381818	1353.117876	195.9569767	0.000068	0.018863	0	0	0.000002	0.0004450	52.50519644	0	1.183803568	2.881865693	
24-Apr-24 00:00:00	25.88828362	0	1.302310944	1.487854924	4.306158069	13.88504734	1213.277466	174.8177643	0.000058	0.016412	0	0	0.000002	0.0004396	51.84130096	0	1.302310944	8.572102547	
24-Apr-24 01:00:00	22.87284554	0	1.146674276	1.325478554	0	13.37588992	1661.923584	260.4459839	0.000068	0.018887	0	0	0.000002	0.0005102	41.78425743	0	1.146674276	0	
24-Apr-24 02:00:00	22.87192841	0	1.240918451	1.413320085	0	13.22155704	1654.420788	261.7612958	0.000071	0.019602	0	0	0.000002	0.0005701	41.39468529	0	1.240918451	0	
24-Apr-24 03:00:00	21.85063881	0	1.207491517	1.391227245	0	13.33021259	1655.586444	262.0784567	0.000068	0.018906	0	0	0.000002	0.0005553	40.00384521	0	1.207491517	0	
24-Apr-24 04:00:00	21.92697767	0	1.494608521	1.673145009	8.900391731	13.95906734	1412.207153	195.4792378	0.000058	0.018183	0	0	0.000002	0.0005083	43.75540643	0	1.494608521	17.93307805	
24-Apr-24 05:00:00	22.85391506	0	1.197573068	1.394338369	0	13.42733288	1645.061646	264.3634165	0.000066	0.018296	0	0	0.000002	0.0005140	42.00094104	0	1.197573068	0	
24-Apr-24 06:00:00	21.89134026	0	1.177670717	1.353406909	0	13.37941456	1614.788256	263.2945777	0.000067	0.018474	0	0	0.000002	0.0005282	40.29906872	0	1.177670717	0	
24-Apr-24 07:00:00	22.48167992	0	1.207741857	1.387911439	8.517145157	13.94785213	1290.021438	192.2621806	0.000055	0.015157	0	0	0.000002	0.0004328	44.79909986	0	1.207741857	17.08111181	
24-Apr-24 08:00:00	22.87373934	0	1.277815938	1.449035764	0	13.31618497	1645.261108	261.7135315	0.000067	0.018434	0	0	0.000002	0.0005458	41.7721436	0	1.277815938	0	

Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Apr-24 09:00:00	21.78435068	0	1.528604112	1.684476982	9.816054344	13.99059745	1373.098191	191.8763848	0.000056	0.015632	0	0	0.000002	0.0005831	43.57563243	0	1.528604112	19.58806901	
24-Apr-24 10:00:00	23.90815644	0	1.391787887	1.574195604	5.161026673	13.93780813	1317.957152	168.2359905	0.000058	0.016487	0	0	0.000002	0.0005095	47.55252589	0	1.391787887	10.07169342	
24-Apr-24 11:00:00	21.39281273	0	1.530984163	1.690747023	17.54107662	14.37272947	1234.750714	159.6164337	0.000050	0.013895	0	0	0.000002	0.0005251	44.70810252	0	1.530984163	37.42110826	
24-Apr-24 12:00:00	23.30915965	0	1.483550925	1.647490369	10.77896184	14.27272224	1127.47158	141.0309733	0.000049	0.013675	0	0	0.000002	0.0004584	48.46371687	0	1.483550925	37.24007416	
24-Apr-24 13:00:00	24.66030312	0	1.296382786	1.479747419	4.078148842	14.05482006	1423.098049	209.5275757	0.000066	0.018348	0	0	0.000002	0.0005127	49.88943983	0	1.296382786	8.270573616	
24-Apr-24 14:00:00	22.87811293	0	1.499073148	1.664007426	14.24029982	14.33368193	1249.540332	157.1895164	0.000054	0.014942	0	0	0.000002	0.0005204	48.2951171	0	1.499073148	29.64824577	
24-Apr-24 15:00:00	27.92187271	0	1.341781351	1.505968451	0.619533313	13.80994416	1464.829468	210.8255381	0.000077	0.021299	0	0	0.000002	0.0005460	54.29743713	0	1.341781351	1.208155486	
24-Apr-24 16:00:00	28.67625048	0	1.238311768	1.416074534	0	13.4637898	1676.971313	259.0019838	0.000090	0.025132	0	0	0.000002	0.0005768	53.60178665	0	1.238311768	0	
24-Apr-24 17:00:00	29.62812042	0	1.304278328	1.483723887	6.805696415	14.3847599	1111.313354	141.4847717	0.000054	0.014884	0	0	0.000001	0.0004026	54.4443612	0	1.304278328	14.24664851	
24-Apr-24 18:00:00	25.96903587	0	1.59631886	1.79085346	15.27582632	14.45200562	1159.659863	143.0368254	0.000054	0.014886	0	0	0.000002	0.0005276	51.3726297	0	1.59631886	35.14098151	
24-Apr-24 19:00:00	23.51920547	0	1.873733234	1.851333737	18.95260394	14.43876743	1168.393877	140.6964874	0.000052	0.014397	0	0	0.000002	0.0005423	50.60236847	0	1.873733234	38.1042089	
24-Apr-24 20:00:00	23.72689055	0	1.436780691	1.658858226	12.48451628	14.3409655	1124.876174	141.0742204	0.000050	0.013068	0	0	0.000002	0.0004489	50.08965064	0	1.436780691	28.53207918	
24-Apr-24 21:00:00	24.14484215	0	1.225924811	1.4318673	3.871197653	13.91171741	1418.233785	201.6723633	0.000064	0.017598	0	0	0.000002	0.0004530	47.65606693	0	1.225924811	7.19310238	
24-Apr-24 22:00:00	23.1872802	0.001190162	1.385733532	1.571806192	12.48089442	14.26500873	1128.575317	140.8245362	0.000049	0.013664	3.5165E-09	9.7881E-07	0.000002	0.0004347	48.77791595	0	1.385733532	25.85150909	
24-Apr-24 23:00:00	21.92678544	0	1.519446135	1.699734807	18.44823847	14.42373333	1093.406738	142.1648765	0.000045	0.012579	0	0	0.000002	0.0004615	45.18150711	0	1.519446135	38.93794298	
25-Apr-24 00:00:00	22.14088778	0	1.641976833	1.822370174	19.00833621	14.2975978	1108.536404	141.5518069	0.000046	0.012828	0	0	0.000002	0.0005057	45.35328838	0	1.641976833	39.74016571	
25-Apr-24 01:00:00	22.10928102	0	1.207422018	1.390319228	15.36557295	14.15510559	1230.934082	171.5558041	0.000051	0.014223	0	0	0.000001	0.0004128	45.40550558	0	1.207422018	33.69806981	
25-Apr-24 02:00:00	22.27471542	0	1.525785685	1.70121834	13.44843483	14.20441723	1110.247192	142.1460114	0.000047	0.012924	0	0	0.000002	0.0004706	45.06543638	0	1.525785685	27.75045685	
25-Apr-24 03:00:00	21.68887901	0	1.781813098	1.95179987	18.08791642	14.23836377	1082.510742	142.1387845	0.000044	0.012270	0	0	0.000002	0.0005296	45.07081123	0	1.781813098	37.56054588	
25-Apr-24 04:00:00	21.58417892	0	1.678962489	1.838221984	16.84047179	14.23425007	1108.003418	141.5180008	0.000045	0.012498	0	0	0.000002	0.0005187	44.80141443	0	1.678962489	35.08750534	
25-Apr-24 05:00:00	21.74672699	0	1.678661486	1.856383582	17.13176837	14.23076057	1094.047607	142.2749481	0.000045	0.012434	0	0	0.000002	0.0005101	45.14998049	0	1.678661486	35.45588554	
25-Apr-24 06:00:00	21.57520068	0	1.67219913	1.865583154	17.74116808	14.23258032	1101.145142	141.3945381	0.000045	0.012418	0	0	0.000002	0.0005115	44.79993087	0	1.67219913	36.93355179	
25-Apr-24 07:00:00	21.80606904	0	1.579223394	1.774320126	15.03732491	14.22127066	1095.462036	141.6759006	0.000045	0.012432	0	0	0.000002	0.0004706	45.39237395	0	1.579223394	31.43598733	
25-Apr-24 08:00:00	21.16103363	0	1.792536974	1.981186297	23.31001694	14.28345826	1137.786977	142.3779759	0.000045	0.012583	0	0	0.000002	0.0005665	44.28070088	0	1.792536974	49.06618771	
25-Apr-24 09:00:00	21.56445885	0	1.587162871	1.753706642	10.54823708	14.08496787	1349.291831	185.6905631	0.000056	0.015298	0	0	0.000002	0.0005949	43.6073114	0	1.587162871	21.29431895	
25-Apr-24 10:00:00	21.8768958	0	1.926387728	2.008935213	19.27085778	14.36041904	1165.315063	140.6800081	0.000049	0.013662	0	0	0.000002	0.0006048	46.24455705	0	1.926387728	40.47822189	
25-Apr-24 11:00:00	20.914711	0	1.460038185	1.634166525	30.14445305	14.36802969	1212.116211	165.677597	0.000048	0.013249	0	0	0.000002	0.0004918	44.32370377	0	1.460038185	63.18452228	
25-Apr-24 12:00:00	23.20872798	0	1.611699482	1.768870307	12.84594059	14.29737091	1225.584351	140.6345733	0.000053	0.014821	0	0	0.000002	0.0005307	46.65784836	0	1.611699482	26.76372147	
25-Apr-24 13:00:00	26.3007782	0	1.371836305	1.545146232	0.084647171	13.43558206	1493.201416	220.5368347	0.000081	0.022631	0	0	0.000002	0.0005690	53.64153748	0	1.371836305	0.097354442	
25-Apr-24 14:00:00	25.54782485	0	1.303690314	1.480153081	2.913918227	13.96341229	1339.48813	184.3353726	0.000064	0.017884	0	0	0.000002	0.0004851	51.02807345	0	1.303690314	5.826086358	
25-Apr-24 15:00:00	29.32821702	0	1.308149662	1.381780386	0.058982981	13.42585754	1553.375732	233.4738225	0.000080	0.023509	0	0	0.000002	0.0005213	54.57127304	0	1.308149662	0.101684541	
25-Apr-24 16:00:00	29.83738694	0	1.337381359	1.510803786	0	13.48789024	1676.55083	259.864836	0.000094	0.025884	0	0	0.000002	0.0006238	55.45172882	0	1.337381359	0	
25-Apr-24 17:00:00	24.85518736	0	1.368021168	1.540616665	7.600000062	14.33741283	1162.946218	141.2999758	0.000056	0.015355	0	0	0.000002	0.0004485	52.43125534	0	1.368021168	16.7121582	
25-Apr-24 18:00:00	24.67597744	0	1.49044168	1.661281322	12.32874694	14.44192314	1213.576172	140.9562587	0.000058	0.015651	0	0	0.000002	0.0005024	52.88945067	0	1.49044168	26.25761604	
25-Apr-24 19:00:00	27.56257563	0	1.387720723	1.547560917	0	13.4480629	1647.384399	252.0929871	0.000086	0.023888	0	0	0.000002	0.0006258	51.81892288	0	1.387720723	0	
25-Apr-24 20:00:00	27.50689179	0	1.303068638	1.480933758	0	13.41932297	1672.590048	260.8663259	0.000087	0.024050	0	0	0.000002	0.0006056	50.95927429	0	1.303068638	0	
25-Apr-24 21:00:00	26.55220032	0	1.305904064	1.388942003	0	13.40309926	1671.223877	262.0122375	0.000083	0.023191	0	0	0.000002	0.0005661	49.07946261	0	1.305904064	0	
25-Apr-24 22:00:00	23.24475	0	1.114846376	1.294503738	0	13.36303116	1604.12915	261.1022339	0.000070	0.019487	0	0	0.000002	0.0004908	42.87758942	0	1.114846376	0	
25-Apr-24 23:00:00	23.27187702	0	1.114481686	1.291119578	0	13.31722164	1617.251343	260.398559	0.000071	0.019669	0	0	0.000002	0.0005007	42.87210069	0	1.114481686	0	
26-Apr-24 00:00:00	23.94891306	0	1.300303678	1.488489628	9.365325378	14.14847851	1292.506487	185.687038	0.000057	0.015908	0	0	0.000002	0.0004868	48.28019333	0	1.300303678	19.06584068	
26-Apr-24 01:00:00	25.93153	0	1.312716842	1.484979033	1.647006273	13.7706728	1540.59481	233.966217	0.000078	0.021683	0	0	0.000002	0.0005818	52.34400204	0	1.312716842	3.224589743	
26-Apr-24 02:00:00	22.64130102	0	1.285569608	1.477025986	0	13.3337183	1641.81129	262.9831258	0.000070	0.019423	0	0	0.000002	0.0005876	41.45435165	0	1.285569608	0	
26-Apr-24 03:00:00	22.38422364	0	1.266660094	1.438781625	0	13.36533833	1641.765381	267.688389	0.000069	0.019206	0	0	0.000002	0.0005777	41.16351318	0	1.266660094	0	
26-Apr-24 04:00:00	22.417596	0	1.22543478	1.410087293	0	13.33981328	1641.341553	260.5706482	0.000069	0.019329	0	0	0.000002	0.0005587	41.09395988	0	1.22543478	0	
26-Apr-24 05:00:00	19.93340149	0	1.808885727	2.079898614	40.03582248	14.44851725	1162.420532	138.5069111	0.000041	0.011254	0	0	0.000002	0.0005815	41.90840912	0	1.808885727	88.2305069	
26-Apr-24 06:00:00	20.88901016	0	1.713021904	1.887913108	19.9619281	14.30875387	1120.309634	138.9404589	0.000044	0.012189	0	0	0.000002	0.0005334	43.38131332	0	1.713021904	42.11686659	
26-Apr-24 07:00:00	20.8886795	0	1.882604361	2.067130675	21.5078535	14.50544758	1087.39624	142.3113956	0.000043	0.011871	0	0	0.000002	0.0005680	43.85039139	0	1.882604361	48.53779602	
26-Apr-24 08:00:00	20.87078795	0	1.999505758	2.163807831	27.06445885	14.34517574	1138.407959	143.9058804	0.000044	0.012298	0	0	0.000002	0.0006323	43.65687561	0	1.999505758	56.9441135	
26-Apr-24 09:00:00	19.98447227	0	1.956942073	2.138495922	32.84033579	14.52154259	1119.957271	139.7809438	0.000042	0.011697	0	0	0.000002	0.0006083	43.35583278	0	1.956942073	71.29460743	
26-Apr-24 10:00:00	20.47598267	0	1.796942087	1.954740873	17.24151602	14.21793409	1117.886841	141.0398605	0.000047	0.013131	0	0	0.000002	0.0005580	47.27484022	0	1.796942087	36.25480791	
26-Apr-24 11:00:00	21.0096783	0	1.80069885	1.981830376	15.76324164	14.1897315	1163.432861	132.9964782	0.000048	0.012774	0	0	0.000002	0.0005810	43.35122299	0	1.80069885	31.96344348	
26-Apr-24 12:00:00	21.41124344	0	1.795698004	1.979807807	15.6720047	14.24318839	1192.609313	141.1072593	0.000048	0.013348	0	0	0.000002	0.0005849	44.52679647	0	1.795698004	33.34086845	
26-Apr-24 13:00:00	20.59382439	0	1.957968645	2.135483742	23.72047234	14.32045174	1200.024338	141.5802158	0.000048	0.012915	0	0	0.000002	0.0006525	43.34132785	0	1.957968645	49.21337204	
26-Apr-24 14:00:00	22.0882484	0	1.830591202	2.012667269	17.1733036	14.32114601	1184.90979	140.6252106	0.000049	0.013677	0	0	0.000002	0.0006075	46.47810749	0	1.830591202	36.1768995	
26-Apr-24 15:00:00	24.28068604	0	1.480321069	1.640968797	4.471197128	13.97131346	1397.791746	187.0811006	0.000064	0.017737	0	0	0.000002	0.0005870	48.5288072	0	1.480321069	9.077849861	
26-Apr-24 16:00:00	28.44923973	0	1.266496181	1.447623644	0	13.33061314	1564.158691	249.6368032	0.000083	0.023187	0	0	0.000002	0.0006488	52.08574298	0	1.266496181	0	
26-Apr-24 17:00:00	22.85869107	0	1.843371168	2.018109425	20.47285768	14.44634828	1251.022481	143.0806024	0.000053	0.014787	0	0	0.000002	0.0006390	49.0333252	0	1.843371168	43.72452082	
26-Apr-24 18:00:00	23.58583178	0	1.425028462	1.880854559	11.18323421	14.38603291	1181.393366	142.4908166	0.000052	0.014582	0	0	0.000002	0.0004900	49.44771194	0	1.425028462	23.52522336	
26-Apr-24 19:00:00	24.97504544	0	1.235681158	1.411714316	0.158873912	13.56850537	1550.871826	224.2314148	0.000073	0.020242	0	0	0.000002	0.0005324	47.19642639	0	1.235681158	0.151788445	
26-Apr-24 20:00:00	25.51132968	0	1.239081813	1.421445582	0	13.33706997	1564.755815	261.622345	0.000075	0.020887	0	0	0.000002	0.0005388	48.7316423	0	1.239081813	0	
26-Apr-24 21:00:00	26.33601433	0	1.247937441	1.446916533	0	13.27682073	1593.610474	258.4833388	0.000079	0.021882	0	0	0.000002	0.0005524	47.70938873	0	1.247937441	0	
26-Apr-24 22:00:00	22.16918159	0	1.237367392	1.412512932	0	13.27242174	1596.790072	259.5031433	0.000069	0.019115	0	0	0.000002	0.0005488	41.62529756	0	1.237367392	0	
26-Apr-24 23:00:00	23.82389445	0	1.24358809	1.421191218	0	13.27068868	1609.43457	259.5770874	0.000072	0.020038	0	0	0.000002	0.0005560	43.27738334	0	1.24358809	0	
27-Apr-24 00:00:00	22.35696839	0	1.364437938	1.54923737	1.33968913	13.66878615	1496.396778	223.2751312	0.000063	0.017415	0	0	0.000002	0.0005648	42.25580515	0	1.364437938	2.944774771	
27-Apr-24 01:00:00	23.03344383	0	1.174800019	1.360417886	0.018675478	13.37758723	1567.600277	251.6959066	0.000069	0.019299	0	0	0.000002	0.0005090	43.48431778	0	1.174800019	0.028862284	
27-Apr-24 02:00:00	25.28593826	0	1.249223232	1.412750815	2.397222277	13.72428036	1477.734741	223.2209473	0.000070	0.019628	0	0	0.000002	0.0005129	48.80423737	0	1.249223232	4.595014573	
27-Apr-24 03:00:00	19.98143387	0	1.992828012	2.168919963	34.70504781	14.37487795	1115.26459	136.7213745	0.000042	0.011645	0	0	0.000002	0.0006173	41.78787599	0	1.992828012	72.40456875	
27-Apr-24 04:00:00	21.59191804	0	2.113270998	2.280751768	19.01407433	14.0976872	1112.819902	138.9777222	0.000045	0.012522	0	0	0.000002	0.0006532	43.82299806	0	2.113270998	38.43817135	
27-Apr-24 05:00:00	21.99506287	0	1.657429433	1.7397436	14.6477659	14.14536953	1172.366862	142.6694794	0.000046	0.012763	0	0	0.000002	0.0004812	48.01600072	0	1.657429433	30.23684311	
27-Apr-24 06:00:00	21.69104767	0	1.495037069	1.670411468	12.8491306	14.10418701	1069.171266	141.7814331	0.000044	0.012235	0	0	0.000002	0.0004521	44.19804001	0	1.495037069	26.31967572	
27-Apr-24 07:00:00	21.09326553	0	1.830427061	2.011952639	20.14299686	14.16803351	1169.697983	142.0919962	0.000046	0.012696	0	0	0.000002	0.0005945	43.39677103	0	1.830427061	41.42178263	
27-Apr-24 08:00:00	21.82043732	0	1.778857562	1.938041474	14.44200897	14.1308403	1113.853647	141.7807159	0.000046	0.012760	0	0	0.000002	0.0005504	44.82970429	0	1.778857562	29.96275443	
27-Apr-24 09:00:00	21.39324722	0	1.836382527	2.004885912	18.25686519	14.19075894	1200.015625	142.6564276	0.000048	0.013364	0	0	0.000002	0.0006121	43.86407857	0	1.836382527	38.0864902	
27-Apr-24 10:00:00	20.8885788	0	1.927981007	2.017844682	23.12181591	14.21613973	1144.240112	140.3059917	0.000045	0.012561	0	0	0.000002	0.0005809	43.57271104	0	1.927981007	48.96014567	
27-Apr-24 11:00:00	21.39068118	0	1.87496327	2.087834714	20.03273057	14.25484385	1120.012207	141.0467834	0.000045	0.012482	0	0	0.000002	0.0005433	44.36571884	0	1.87496327	41.91943848	
27-Apr-24 12:00:00	23.66439687	0	1.866273926	2.088156437	13.78041222	14.26725185	1170.686963	140.2084608	0.000051	0.014092	0	0	0.000002	0.0006065	48.03214545	0	1.866273926	28.65282707	
27-Apr-24 13:00:00	26.7877896	0	1.267709861	1.450900899	0	13.34070468	1637.638667	249.5784037	0.000083	0.022929	0	0	0.000002	0.0005760	49.37059247	0	1.267709861	0	
27-Apr-24 14:00:00	22.77904129	0	1.587904864	1.757785439	10.43648607	14.2163761	1235.591919	151.4350187	0.000053	0.014769	0	0	0.000002	0.0005440	47.17518997	0	1.587904864	21.4745388	
27-Apr-24 15:00:00	28.43369065	0	1.467529482	1.633070469	1.426311066	14.0189594	1383.089297	177.5532897	0.000074	0.020560	0	0	0.000002	0.0005838	57.23664656	0	1.467529482	2.759934002	
27-Apr-24 16:00:00	27.66167359	0	1.332678411	1.51190717	1.492286066	13.91619301	1347.219604	181.9329834	0.000078	0.019368	0	0	0.000002	0.0004867	54.84841056	0	1.332678411	2.893593367	

Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Apr-24 17:00:00	28.93880057	0	1.265594887	1.448416829	0	13.4300618	1631.305908	248.1105847	0.000089	0.024714	0	0	0.000002	0.0005738	50.77871108	0	1.265594887	0	
27-Apr-24 18:00:00	22.07983584	0	1.768110203	1.947416087	14.0381509	14.22102642	1192.395604	141.341507	0.000050	0.013783	0	0	0.000002	0.0005881	45.77426055	0	1.769110203	30.36067091	
27-Apr-24 19:00:00	28.54438372	0	1.15980753	1.330072424	0.106349563	13.28528159	1545.109032	241.4200439	0.000083	0.023048	0	0	0.000002	0.0004977	51.97028351	0	1.15980753	0.134365787	
27-Apr-24 20:00:00	28.99905396	0	1.12773484	1.314530134	0.101717085	13.39167881	1492.917358	231.6773882	0.000067	0.018724	0	0	0.000002	0.0004877	44.31378937	0	1.127734184	0.058087231	
27-Apr-24 21:00:00	25.45718198	0	1.1498104	1.374897289	0	13.25502596	1577.383159	252.3059098	0.000076	0.020885	0	0	0.000002	0.0005037	46.17059844	0	1.1498104	0	
27-Apr-24 22:00:00	24.825791	0	1.149134159	1.321797132	0	13.2894659	1592.332969	257.5603239	0.000073	0.020387	0	0	0.000002	0.0005082	44.85069493	0	1.149134159	0	
27-Apr-24 23:00:00	22.27826991	0	1.234608173	1.419727206	9.045094604	13.97906159	1098.094873	144.4733276	0.000046	0.012794	0	0	0.000001	0.0003798	44.980813	0	1.234608173	17.95320511	
28-Apr-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Apr-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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28-Apr-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
28-Apr-24 19:00:00	27.76962362	0	1.393109322	1.576496801	0	13.26381275	1655.647949	269.0722351	0.000088	0.024028	0	0	0.000002	0.0006407	50.39474759	0	1.393109322	0	
28-Apr-24 20:00:00	26.20386509	0	1.337142706	1.505317589	0	13.31553936	1575.629712	267.4091118	0.000083	0.022963	0	0	0.000002	0.0006229	47.86788177	0	1.337142706	0	
28-Apr-24 21:00:00	24.83928032	0	1.237901092	1.419596195	0	13.30875857	1579.743258	263.446091	0.000078	0.021830	0	0	0.000002	0.0005776	44.98400879	0	1.237901092	0	
28-Apr-24 22:00:00	23.04683277	0	1.171288702	1.380511661	0	13.29080268	1595.181011	258.5159912	0.000069	0.019213	0	0	0.000002	0.0005190	41.98004532	0	1.171288702	0	
28-Apr-24 23:00:00	23.91210521	0	1.233384701	1.420436859	0	13.23809433	1631.981689	265.0161357	0.000073	0.020260	0	0	0.000002	0.0005557	43.25497056	0	1.233384701	0	
29-Apr-24 00:00:00	23.11811176	0	1.242390394	1.413240433	0.050116739	13.38797092	1540.809087	250.5697479	0.000067	0.018814	0	0	0.000002	0.0005317	42.64717102	0	1.242390391	[illegible]	
29-Apr-24 01:00:00	22.33358197	0	1.228720307	1.385702921	0.016382914	13.39483281	1507.53894	249.6500366	0.000063	0.017596	0	0	0.000002	0.0005145	41.24404907	0	1.228720307	0.037034471	
29-Apr-24 02:00:00	21.16551971	0	1.775769949	1.945281386	19.21693276	14.14137459	1132.752197	141.8188106	0.000045	0.012607	0	0	0.000002	0.0005622	43.36324036	0	1.775769949	39.28874271	
29-Apr-24 03:00:00	20.60229375	0	1.710084173	1.888256383	23.41269992	14.17739773	1138.837891	144.877178	0.000045	0.012361	0	0	0.000002	0.0005410	42.84359215	0	1.710084173	48.24268177	
29-Apr-24 04:00:00	21.27019601	0	1.8417238	2.02073431	21.51918602	14.14430609	1137.524658	141.0641846	0.000046	0.012645	0	0	0.000002	0.0005819	43.50171677	0	1.8417238	44.10703278	
29-Apr-24 05:00:00	20.43421173	0	1.924658878	2.110030042	28.75666428	14.21049309	1129.19812	141.0996468	0.000043	0.012050	0	0	0.000002	0.0006037	42.2957188	0	1.924658878	59.72920227	
29-Apr-24 06:00:00	20.74375725	0	1.724318862	1.88433218	22.051651	14.15721657	1088.816528	141.0092926	0.000042	0.011804	0	0	0.000002	0.0005215	42.47638839	0	1.724318862	45.05719208	
29-Apr-24 07:00:00	21.37738037	0	1.803089261	1.973828197	18.95209694	14.15389042	1081.280998	141.9281006	0.000043	0.012080	0	0	0.000002	0.0005418	43.75642255	0	1.803089261	38.73337173	
29-Apr-24 08:00:00	22.05871582	0	1.901049495	2.077280494	15.81894035	14.13384533	1109.714966	142.086319	0.000050	0.013839	0	0	0.000002	0.0006135	45.1262207	0	1.901049495	32.7583008	
29-Apr-24 09:00:00	20.80018234	0	1.9313781	2.107540607	23.82226752	14.20722794	1153.607637	140.9584906	0.000045	0.012543	0	0	0.000002	0.0006190	43.03098827	0	1.9313781	49.2616098	
29-Apr-24 10:00:00	21.83192535	0	1.834023714	2.012912045	17.31548677	14.12739872	1141.497437	141.0792380	0.000047	0.013024	0	0	0.000002	0.0005815	44.96078137	0	1.834023714	35.48835373	
29-Apr-24 11:00:00	23.1788439	0	1.889051488	2.081203461	10.75281429	14.12179184	1180.327515	141.3938904	0.000051	0.014056	0	0	0.000002	0.0006092	47.33593895	0	1.889051468	21.77070808	
29-Apr-24 12:00:00	22.16890097	0	1.875816431	2.04530208	18.35133362	14.28131771	1232.925903	140.639679	0.000051	0.014246	0	0	0.000002	0.0006424	46.25192642	0	1.875816431	38.34948594	
29-Apr-24 13:00:00	25.09370804	0	1.903949881	1.881900082	5.71271944	14.02695097	1260.331665	154.6200104	0.000060	0.016528	0	0	0.000002	0.0005265	50.56725149	0	1.903949881	11.63487407	
29-Apr-24 14:00:00	21.5778677	0	1.709509631	1.95172143	23.96312714	14.34139633	1165.601685	144.5078888	0.000047	0.013031	0	0	0.000002	0.0005648	45.55821609	0	1.709509631	48.32368088	
29-Apr-24 15:00:00	28.5141459	0	1.387416739	1.5360968	0	13.37207300	1613.618728	256.6752441	0.000081	0.022362	0	0	0.000002	0.0006130	48.1842308	0	1.387416739	0	
29-Apr-24 16:00:00	27.15719879	0	1.345129894	1.510215044	0	13.34966373	1626.267031	253.3963776	0.000083	0.023066	0	0	0.000002	0.0006084	49.8361266	0	1.345129894	0	
29-Apr-24 17:00:00	24.92076608	0	1.358137479	1.544066191	2.937963972	13.93430434	1405.278078	192.8113736	0.000065	0.018015	0	0	0.000002	0.0005341	48.77531815	0	1.358137479	5.863100607	
29-Apr-24 18:00:00	22.55045291	0	1.765269802	1.916493773	17.04575539	14.32061958	1180.816590	141.0702515	0.000050	0.013914	0	0	0.000002	0.0005789	47.45581818	0	1.765269802	35.65054511	
29-Apr-24 19:00:00	28.10948372	0	1.293563008	1.45338331	0	13.34107018	1817.774292	292.2087917	0.000079	0.022075	0	0	0.000002	0.0005813	47.87747192	0	1.293563008	0	
29-Apr-24 20:00:00	24.89402771	0	1.23032597	1.417838037	0	13.3488609	1839.938843	289.9493408	0.000077	0.021325	0	0	0.000002	0.0005806	45.67583084	0	1.23032597	0	
29-Apr-24 21:00:00	24.16348885	0	1.205305588	1.388521628	0	13.28682646	1638.137085	257.5325904	0.000075	0.020784	0	0	0.000002	0.0005485	44.01869344	0	1.205305588	0	
29-Apr-24 22:00:00	22.96854947	0	1.314219475	1.487051448	0	13.33738258	1590.941406	250.0645447	0.000069	0.019094	0	0	0.000002	0.0005808	42.07757588	0	1.314219475	0	
29-Apr-24 23:00:00	23.7702961	0	1.216149449	1.388316812	0	13.27890757	1582.941162	257.3754343	0.000071	0.019664	0	0	0.000002	0.0005347	43.2274437	0	1.216149449	0	
30-Apr-24 00:00:00	22.87372208	0	1.181255679	1.358279844	0	13.24345493	1638.058804	250.2544861	0.000070	0.019558	0	0	0.000002	0.0005368	41.39780208	0	1.181255679	0	
30-Apr-24 01:00:00	22.54151154	0	1.183567034	1.32433154	0	13.24979591	1587.93606	259.4962600	0.000067	0.018705	0	0	0.000002	0.0005220	40.84825615	0	1.183567034	0	
30-Apr-24 02:00:00	21.5497581	0	1.213907381	1.391019833	0	13.26210285	1587.474365	298.8867732	0.000064	0.017663	0	0	0.000002	0.0005285	39.05450058	0	1.213907381	0	
30-Apr-24 03:00:00	21.38677719	0	1.2080158	1.384700179	0	13.30191776	1578.85699	254.5813501	0.000063	0.017822	0	0	0.000002	0.0005298	39.10930792	0	1.2080158	0	
30-Apr-24 04:00:00	21.09037399	0	1.327346206	1.51651895	0	13.29028798	1663.196411	258.2963546	0.000066	0.018332	0	0	0.000002	0.0006132	38.20027824	0	1.327346206	0	
30-Apr-24 05:00:00	21.54459572	0	1.427848339	1.61008966	11.72778702	13.9559403	1497.975	216.374585	0.000061	0.016885	0	0	0.000002	0.0005941	42.97387595	0	1.427848339	23.46018028	
30-Apr-24 06:00:00	23.86236382	0	1.209785819	1.391391754	6.765903337	13.9107933	1262.8479	177.9105225	0.000058	0.015824	0	0	0.000002	0.0004219	47.28457178	0	1.209785819	13.39818904	
30-Apr-24 07:00:00	21.15361977	0	1.687679172	1.829602361	16.47310715	14.14530945	1151.023315	141.7857471	0.000046	0.012725	0	0	0.000002	0.0005396	43.38437507	0	1.687679172	33.48319244	
30-Apr-24 08:00:00	19.07212448	0	1.86397459	2.044460279	38.72637177	14.29346085	1167.451782	142.7118988	0.000042	0.011836	0	0	0.000002	0.0006045	39.67276739	0	1.86397459	81.17079111	
30-Apr-24 09:00:00	21.8814326	0	1.519682407	1.703393696	13.04728882	14.14556503	1128.890381	141.3341217	0.000046	0.012892	0	0	0.000002	0.0004765	44.79756598	0	1.519682407	26.52088182	
30-Apr-24 10:00:00	21.39924649	0	1.727692127	1.809442315	15.36684391	14.18827153	1111.032593	141.335849	0.000045	0.012425	0	0	0.000002	0.0005332	44.1491394	0	1.727692127	31.83665352	
30-Apr-24 11:00:00	23.13943661	0	1.738868103	1.858245131	15.05288097	14.33347507	1177.044189	141.4060059	0.000051	0.014234	0	0	0.000002	0.0005875	48.78356384	0	1.738868103	31.7888575	
30-Apr-24 12:00:00	22.63360508	0	1.650328630	1.835125665	14.09492207	14.25978752	1140.935913	141.3919067	0.000048	0.013496	0	0	0.000002	0.0005238	47.3993721	0	1.650328630	29.23085584	
30-Apr-24 13:00:00	27.41328141	0	1.439912319	1.605376069	0	13.94375608	1623.804199	257.2517396	0.000084	0.023263	0	0	0.000002	0.0006405	50.28870567	0	1.439912319	0	
30-Apr-24 14:00:00	26.92931802	0	1.369524479	1.547304273	0.092469649	13.58563519	1646.47644	213.5603638	0.000078	0.021792	0	0	0.000002	0.0005801	51.00886538	0	1.369524479	0.168886760	
30-Apr-24 15:00:00	26.9812442	0	1.369397759	1.548329777	0	13.39443111	1684.16667	258.1762238	0.000085	0.023642	0	0	0.000002	0.0006408	49.58707423	0	1.369397759	0	
30-Apr-24 16:00:00	27.94522396	0	1.33379066	1.509168625	0	13.33600149	1644.71814	254.2944183	0.000088	0.024018	0	0	0.000002	0.0006094	51.20568085	0	1.33379066	0	
30-Apr-24 17:00:00	21.33196831	0	1.979173422	2.133562592	30.12883186	14.03223228	1209.518775	135.087877	0.000048	0.013484	0	0	0.000002	0.0006650	45.35051560	0	1.979173422	65.44637539	
30-Apr-24 18:00:00	23.91229717	0	1.527379274	1.701810098	11.96444988	14.3195219	1227.508246	140.6372223	0.000055	0.015340	0	0	0.000002	0.0005208	50.31647491	0	1.527379274	25.39489566	
30-Apr-24 19:00:00	22.72477954	0	1.42980647	1.610398173	19.07092604	14.35523284	1175.27417	144.5684509	0.000050	0.013958	0	0	0.000002	0.0004665	48.06649203	0	1.42980647	46.32289582	
30-Apr-24 20:00:00	24.71875381	0	1.201132417	1.3818044	6.97557354	14.0757248	1210.168138	155.8287517	0.000056	0.015633	0	0	0.000001	0.0004038	50.16110992	0	1.201132417	14.02178437	
30-Apr-24 21:00:00	25.58061109	0	1.180906323	1.342618654	2.810372782	13.74446193	1410.241699	206.6929138	0.000068	0.018853	0	0	0.000002	0.0004626	49.40158098	0	1.180906323	4.545775962	
30-Apr-24 22:00:00	25.93355947	0	1.111569405	1.295454144	0.154003057	13.28174801	1589.798104	262.4537354	0.000077	0.021275	0	0	0.000002	0.0004847	47.15623093	0	1.111569405	0.215276562	
30-Apr-24 23:00:00	22.61931801	0	1.213082433	1.381487421	7.008114722	13.49352728	1565.179443	258.5008104	0.000067	0.018502	0	0	0.000002	0.0005274	41.81203481	0	1.213082433	3.111035884	
01-May-24 00:00:00	23.27724457	0	1.1650846	1.354290486	8.920898112	14.02049732	1287.98148	170.6313751	0.000053	0.014693	0	0	0.000001	0.0003906	48.65298579	0	1.1650846	17.79302083	

Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	19.07	0.00	1.06	1.23	0.00	13.24	1,057.66	135.09	0.00	0.01	0.00	0.00	0.00	0.00	38.17	0.00	1.06	0.00	
Maximum	29.81	0.01	2.17	2.36	40.04	14.50	1,760.14	272.47	0.06	0.03	0.00	0.00	0.00	0.00	57.24	0.00	2.17	89.53	
Avg	23.73	0.00	1.45	1.63	8.27	13.83	1,386.17	200.19	0.00	0.02	0.00	0.00	0.001	0.00	46.53	0.00	1.45	17.20	
sum									0.02		0.06		0.00						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-24 01:00:00	21.449	0.003	0.619	0.787	0.000	13.298	1665845.433	255.980	0.057214	18.470552	1.3239E-05	0.00367781	0.001031	0.2866004	39.108	0.000	0.819	0.000	
01-May-24 02:00:00	21.304	0.075	1.165	1.322	9.210	14.359	1266771.322	145.306	0.050234	13.951586	0.00024636	0.0684339	0.001488	0.4131974	45.091	0.154	1.166	19.435	
01-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 13:00:00	28.934	0.152	1.018	1.171	0.000	13.422	1545321.533	249.133	0.080619	24.594116	0.00064704	0.1797324	0.001676	0.4656578	53.612	0.280	1.016	0.000	
01-May-24 14:00:00	29.349	0.011	0.858	1.009	0.000	13.425	1599791.992	249.491	0.085558	26.071219	5.0244E-05	0.01396660	0.001476	0.4100253	54.411	0.080	0.858	0.000	
01-May-24 15:00:00	21.988	0.089	1.110	1.256	2.541	14.284	1293804.077	147.757	0.053523	14.867413	0.00019940	0.05546479	0.001444	0.4011313	46.015	0.123	1.116	4.618	
01-May-24 16:00:00	28.538	0.060	1.009	1.148	0.000	13.476	1800938.590	266.125	0.095689	26.558135	0.00025074	0.06964893	0.001817	0.5045549	52.254	0.099	1.009	0.000	
01-May-24 17:00:00	27.603	0.004	0.923	1.071	0.000	13.405	1731431.841	264.675	0.089917	24.977038	2.0241E-05	0.00562230	0.001599	0.4440389	51.029	0.008	0.923	0.000	
01-May-24 18:00:00	26.346	0.022	0.803	0.946	0.000	13.380	1745079.224	266.106	0.086498	24.027357	0.00010203	0.0283419	0.001402	0.3894460	48.550	0.041	0.803	0.000	
01-May-24 19:00:00	25.907	0.001	0.716	0.851	0.000	13.379	1760321.533	265.845	0.085799	23.833144	4.12E-06	0.00114445	0.001260	0.3500165	47.713	0.000	0.716	0.000	
01-May-24 20:00:00	25.664	0.007	0.742	0.894	0.000	13.365	1737925.393	265.866	0.083979	23.327540	3.1173E-05	0.00865907	0.001290	0.3582358	47.173	0.005	0.742	0.000	
01-May-24 21:00:00	25.756	0.025	0.862	1.006	0.000	13.405	1745261.587	268.075	0.084571	23.492055	0.00011450	0.03183112	0.001507	0.4185287	47.622	0.042	0.862	0.000	
01-May-24 22:00:00	24.804	0.004	0.984	1.122	0.000	13.397	1731081.157	258.335	0.080782	22.439454	1.66E-05	0.00461090	0.001703	0.4731317	45.791	0.007	0.984	0.000	
01-May-24 23:00:00	23.855	0.001	0.811	0.940	0.000	13.371	1765900.358	258.195	0.079069	21.963526	2.4127E-06	0.00067021	0.001428	0.3967723	43.926	0.001	0.811	0.000	
02-May-24 00:00:00	23.263	0.006	0.680	0.811	0.000	13.326	1765581.309	257.739	0.076879	21.355189	0	0	0.001194	0.3316221	42.578	0.012	0.680	0.000	
02-May-24 01:00:00	21.576	0.042	0.681	0.800	0.000	13.300	1690107.088	259.387	0.068866	19.857122	0.00018748	0.05207211	0.001152	0.3198965	39.357	0.075	0.681	0.000	
02-May-24 02:00:00	21.562	0.158	0.621	0.787	0.000	13.277	1759858.203	254.133	0.071223	19.784057	0.00072813	0.20225858	0.001091	0.3030487	39.233	0.287	0.621	0.000	
02-May-24 03:00:00	21.035	0.022	0.745	0.872	0.000	13.292	1696075.439	253.431	0.067200	18.666757	9.9395E-05	0.02760967	0.001268	0.3521091	38.314	0.041	0.745	0.000	
02-May-24 04:00:00	21.702	0.092	1.086	1.227	8.039	14.362	1254329.956	144.688	0.051213	14.225884	0.00026193	0.07275854	0.001366	0.3793733	45.958	0.159	1.086	17.016	
02-May-24 05:00:00	21.056	0.059	1.180	1.322	11.089	14.353	1248780.398	148.770	0.051088	14.190459	0.00016635	0.04676308	0.001521	0.4225067	44.543	0.100	1.180	23.666	
02-May-24 06:00:00	21.143	0.076	1.204	1.350	9.740	14.371	1253110.890	143.959	0.049643	13.845287	0.00024663	0.06017393	0.001509	0.4192429	44.831	0.161	1.204	20.790	
02-May-24 07:00:00	21.952	0.090	1.176	1.324	5.258	14.252	1292354.914	152.749	0.053375	14.826474	0.00030604	0.08473212	0.001520	0.4222711	45.700	0.188	1.176	11.124	
02-May-24 08:00:00	20.907	0.137	0.934	1.071	0.720	13.784	1598124.975	223.456	0.061658	17.127208	0.00052618	0.1461601	0.001492	0.4144006	39.972	0.246	0.934	1.343	
02-May-24 09:00:00	22.010	0.018	0.675	0.784	0.000	13.258	1699491.333	259.107	0.070437	19.565906	7.6091E-05	0.02109183	0.001063	0.2952916	39.941	0.033	0.675	0.000	
02-May-24 10:00:00	23.19539642	0.002243813	0.841628206	0.791026026	0	13.23466396	1719604.199	267.015	0.074877	20.799169	9.1793E-06	0.00254981	0.001191	0.3658074	41.94959259	0.003651304	0.841628206	0	
02-May-24 11:00:00	24.17867253	0	0.70325923	0.853017807	0	13.33806038	1761106.667	261.433	0.079647	22.124202	0	0	0.001231	0.3429783	44.30693438	0.00724419	0.70325923	0	
02-May-24 12:00:00	22.97491341	0.006526091	0.762374183	0.907125354	0.014787374	13.98541927	1520890.381	203.113	0.065697	18.221414	2.6997E-05	0.00722131	0.001159	0.3220790	45.90285492	0.001040713	0.762374183	0.029572738	
02-May-24 13:00:00	26.28436661	0.019475218	0.930741131	1.070882569	0	13.57376605	1742926.199	266.024	0.086190	23.941631	8.8851E-05	0.02468088	0.001622	0.4506156	48.36339615	0.03588628	0.930741131	0	
02-May-24 14:00:00	25.85521262	0	0.849581095	0.984808483	0	13.57407663	1751186.503	262.895	0.085185	23.663217	0	0	0.001488	0.4132611	47.61084747	0	0.849581095	0	
02-May-24 15:00:00	27.43578148	0.023522350	0.89422226	1.05879218	0	13.42706613	1718099.966	264.078	0.088735	24.648609	0.00013736	0.03815182	0.001537	0.4270126	50.80345181	0.0437815	0.89422226	0	
02-May-24 16:00:00	27.87129866	0	0.844063966	0.981362622	0	13.4432745	1718586.214	256.827	0.088313	24.889251	0	0	0.001448	0.4022457	51.41648967	0	0.844063966	0	
02-May-24 17:00:00	27.79458734	0.002241749	0.740069121	0.869607669	0	13.40856043	1735448.488	259.058	0.090754	25.209400	2.8364E-05	0.0078782	0.001285	0.3570035	51.39958133	0.007621669	0.740069121	0	
02-May-24 18:00:00	22.40962918	0.069580734	1.142085529	1.280924731	7.722747803	14.06743145	1260342.651	142.883	0.054945	15.262460	0.00018871	0.0504758	0.001492	0.4061539	49.85087035	0.133844789	1.142085529	16.09339783	
02-May-24 19:00:00	24.18782234	0	0.896863745	1.054855172	0.280110908	14.14826599	1440886.382	192.178	0.065560	18.211120	0	0	0.001296	0.3600326	49.58934357	0.204892518	0.696863746	0.717565119	
02-May-24 20:00:00	24.33480235	0	0.824037373	0.970494625	0	13.39007782	1699704.458	264.382	0.077784	21.606582	0	0	0.001400	0.3888467	44.85958182	0	0.824037373	0	
02-May-24 21:00:00	23.84566359	0	0.873574406	0.952458073	0	13.23830738	1729412.72	262.839	0.077587	21.551676	0	0	0.001165	0.3238281	43.09845581	0	0.873574406	0	
02-May-24 22:00:00	23.02203696	0	0.740341902	0.898673256	0	13.23981017	1686653.223	263.593	0.073432	20.286651	0	0	0.001248	0.3467377	42.27238178	0	0.740341902	0	
02-May-24 23:00:00	22.96342039	0.005508968	0.681415319	0.813206117	0	13.31806564	1700834.76	260.945	0.073213	20.337653	2.6196E-05	0.00810005	0.001159	0.3218768	41.8251152	0.008130422	0.681415319	0	
03-May-24 00:00:00	21.93099718	0	0.618384227	0.79126292	0	13.29673756	1740984.497	262.175	0.071664	19.982179	0	0	0.001073	0.2980924	38.78710668	0	0.618384227	0	
03-May-24 01:00:00	21.02549573	0	0.61911279	0.760667692	0	13.24097633	1669319.702	263.754	0.068423	18.998458	0	0	0.001048	0.2905221	38.97867584	0.007924319	0.61911279	0	
03-May-24 02:00:00	20.87680013	0.05426601	0.645549681	0.783759356	0	13.26483727	1702413.462	263.391	0.068830	19.119566	0.00024884	0.06908892	0.001133	0.3147285	37.89730835	0.100009873	0.645549681	0	
03-May-24 03:00:00	21.17111397	0.061862119	0.667548623	0.784076081	0	13.2763176	1713211.426	259.491	0.068239	18.955221	0.00027600	0.07684918	0.001127	0.3129098	38.48771288	0.113357585	0.667548623	0	
03-May-24 04:00:00	19.23464304	0.07621914	1.027770182	1.18068862	9.823725976	14.18071747	1354529.663	167.627	0.049919	12.815987	0.00028098	0.07362203	0.001392	0.3867878	39.63590756	0.15319105	1.027770182	20.06213679	
03-May-24 05:00:00	20.86908882	0.045800317	1.083378363	1.252137203	11.68775846	14.40322373	1258874.146	144.945	0.049091	13.611317	0.00015092	0.04192272	0.001364	0.3788437	44.04689593	0.118456095	1.083378583	25.02964401	
03-May-24 06:00:00	20.94896507	0.002011024	1.122426887	1.261131644	11.81476964	14.39218688	1290206.421	143.266	0.050851	14.125316	6.8194E-06	0.00189427	0.001448	0.4022872	44.57836664	0	1.122426867	24.98721018	
03-May-24 07:00:00	21.32048416	0.083062573	1.243490219	1.376959085	10.9622472	14.37835759	1243762.695	142.095	0.049890	13.858335	0.00027332	0.07592253	0.001547	0.4296138	45.37417374	0.178835089	1.243490219	23.23574448	
03-May-24 08:00:00	21.51225471	0.063917041	1.049650583	1.195510248	7.031848451	14.31680257	1287721.568	146.604	0.052118	14.477193	0.00021545	0.05984929	0.001352	0.3756266	45.29917968	0.133573249	1.049650583	14.60173368	
03-May-24 09:00:00	22.28316931	0.091710478	0.875065968	0.828107634	0	13.3177042	1659453.643	255.152	0.069571	19.325333	0.00039636	0.11666987	0.001120	0.3111812	40.63282394	0.167632774	0.675065866	0	
03-May-24 10:00:00	23.65382489	5.39142E-05	0.64172858	0.786841480	0	13.24907684	1707133.179	261.924	0.076010	21.113757	2.4002E-07	6.6672E-05	0.001096	0.3043100	42.97327957	9.75532E-05	0.64172858	0	
03-May-24 11:00:00	23.71900778	0.075224871	0.952322772	1.098189658	0	13.28908771	1706441.128	263.748	0.076137	21.149664	0.00033601	0.09333612	0.001642	0.4561521	43.2396698	0.131836846	0.952322772	0	
03-May-24 12:00:00	26.23471632	0.125387066	0.895458167	1.036520481	0	13.26871315	1648502.122	248.887	0.081268	22.574318	0.00054038	0.15010522	0.001474	0.4095478	48.24188151	0.229942066	0.895458162	0	
03-May-24 13:00:00	25.46412514	0.075415358	0.955278546	1.089086652	0	13.32149475	1691474.978	262.320	0.081099	22.527436	0.00033391	0.09275215	0.001617	0.4491606	47.03738115	0.131447656	0.955278546	0	
03-May-24 14:00:00	27.41740417	0.077606597	1.129640579	1.269211885	0	13.41145602	1725125.366	263.169	0.088967	24.718577	0.00035055	0.09740922	0.001949	0.5413264	50.73465492	0.142310656	1.129640579	0	
03-May-24 15:00:00	28.1419487	0.1680626	1.05413425	1.198954548	0	13.32579487	1762880.835	262.238	0.093325	25.923683	0.00078427	0.21785333	0.001868	0.5161307	51.97289776	0.257429163	1.05413425	0	
03-May-24 16:00:00	28.18273544	0.027180988	1.023084621	1.187696091	0	13.41117001	1710403.809	262.097	0.090690	25.191748	0.00012184	0.03375888	0.001750	0.4860790	52.18333771	0.050274301	1.023084621	0	
03-May-24 17:00:00	27.80013407	0.100678109	0.956672728	1.108115792	0	13.44329887	1664604.98	249.830	0.089729	24.991274	0.00043865	0.12185542	0.001592	0.4423582	51.46481706	0.187125102	0.956672728	0	
03-May-24 18:00:00	23.46076000	0.006409197	1.144408345	1.293111324	5.21006578	14.37101184	1256090.454	141.759	0.056343	15.650099	2.2424E-05	0.00622883	0.001440	0.3999354	52.05638123	0.022608816	1.144408345	11.2787606	
03-May-24 19:00:00	26.0700003	0	0.860908875	0.995030821	0	13.35150909	1696380.127	263.716	0.083207	23.112907	0	0	0.001443	0.4009625	47.87170793	0	0.860908875	0	
03-May-24 20:00:00	27.22380077	0.015531059	0.741363168	0.874396503	0.014850877	13.4670229	1674577.913	229.425	0.080683	22.411869	6.6253E-05	0.01812583	0.001167	0.3242808	50.78717904	0.00642608	0.741363168	0.082747173	
03-May-24 21:00:00	24.77954498	0	0.739822074	0.872289717	0	13.38420489	1678987.407	258.983	0.078317	21.754789	0	0	0.001243	0.3452440	45.68083079	0.010065332	0.739822924	0	
03-May-24 22:00:00	19.85481998	0.084745213	0.952221572	1.085425353	0.880235281	13.98132526	1634807.129	200.584	0.057332	16.925455	0.00034046	0.09457309	0.001461	0.4058957	39.09615898	0.17283329	0.952221572	1.90675682	
03-May-24 23:00:00	18.80315247	0.109681815	1.108016516	1.249818188	3.623437062	14.03880632	1404509.156	180.381	0.049950	13.875073	0.00040324	0.11201026	0.001567	0.4329168	38.09775929	0.222978409	1.108015916	7.702624474	
04-May-24 00:00:00	20.78087186	0.043891247	1.181082866	1.313875437	12.00834062	14.84888557	1252374.023	141.688	0.050095	13.915309	0.00015737	0.04260342	0.001515	0.4207193	44.16570271	0.088806835	1.181082606	25.87619563	
04-May-24 01:00:00	21.88279724	0.115498094	0.672548895	0.810497105	0	13.27830982	1709353.027	264.004	0.070374	19.548391	0.00066038	0.18343754	0.001150	0.3193368	39.78368379	0.23773185	0.672540665	0	
04-May-24 02:00:00	22.2165481	0.120676124	0.787713831	0.914881944	0	13.23124584	1671830.616	253.424	0.069834	19.398281	0.00057232	0.15897889	0.001283	0.3563679	40.70814824	0.239788456	0.787713831	0	
04-May-24 03:00:00	21.44984586	0.083063308	0.707087219	0.851144433	0	13.20877636	1767226.886	264.524	0.068886	19.137837	0.00037126	0.10313441	0.001297	0.3393217	38.81294038	0.13007849	0.707087219	0	
04-May-24 04:00:00	21.98342184	0.141021386	0.826621116	0.982623119	0	13.20936866	1701343.384	264.482	0.068118	18.180500	0.00062803	0.17445184	0.001405	0.3906573	39.53864821	0.250174562	0.826621116	0	
04-May-24 05:00:00	20.98878479	0.078682422	0.868404527	1.007877827	0.359743407	14.02311501	1390353.829	182.979	0.060134	16.704614	0.00027861	0.0777238	0.001207	0.3353084	46.30070114	0.154805874	0.868404527	0.758700675	
04-May-24 06:00:00	21.61294479	0.080417302	0.775837839	0.91668486	0	13.20727634	1686698.56	265.096	0.069045	19.218178	0.00036832	0.10231124	0.001309	0.3635444	39.4777298	0.154944186	0.775837839	0	
04-May-24 07:00:00	21.40485507	0.004582557	1.187432888	1.287219286	8.855642411	14.40357373	1343858.701	144.980	0.050884	13.912183	3.0026E-05	0.00222863	0.001452	0.4033854	45.59888368	0.00215888	1.187432888	18.83320986	
04-May-24 08:00:00	17.07049709	0.150001394	1.018104315	1.168421633	4.172356652	13.66141475	1500150.198	198.291	0.050738	14.893378	0.00058822	0.16387128	0.001528	0.4243840	36.37241745	0.287149097	1.018104315	8.214947701	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/05/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-24 09:00:00	21.21378326	0.171488651	0.641715884	0.787751257	0	13.26903429	1726300.903	259.901	0.069880	19.136841	0.00077491	0.21525359	0.001105	0.3077298	38.02524346	0.318701381	0.641715884	0	
04-May-24 10:00:00	21.06851826	0.000521751	0.856773652	1.007909417	1.135621068	14.03035128	1435862.979	182.547	0.056678	15.787126	2.3383E-06	0.00064808	0.001235	0.3418272	42.41528465	0.001274381	0.856773652	2.569720610	
04-May-24 11:00:00	23.13162439	0	0.763141195	0.898836619	0	13.23437023	1660328.452	262.990	0.073267	20.351858	0	0	0.001288	0.3571632	41.98075922	0	0.763741195	0	
04-May-24 12:00:00	24.21817588	4.91303E-05	0.79603811	0.944095314	0	13.2352948	1706393.877	260.093	0.079891	22.219644	1.7475E-07	4.8561E-05	0.001358	0.3773864	46.1817812	0.000479026	0.79603811	0	
04-May-24 13:00:00	23.90544661	0	0.905684733	1.073707591	0	13.30994794	1709466.197	261.923	0.077177	21.437863	0	0	0.001594	0.4426817	48.8006717	0	0.905684733	0	
04-May-24 14:00:00	25.71891075	0.04542731	0.854118569	1.00167954	0	13.31085734	1723359.263	260.241	0.083389	23.163679	0.00020944	0.05817689	0.001472	0.4088773	47.55138671	0.083216017	0.854118569	0	
04-May-24 15:00:00	21.75330508	0	0.925652604	1.069003224	0.018999225	13.99956465	1458941.528	187.355	0.058719	16.585800	0	0	0.001351	0.3751438	42.98863332	0	0.925652604	0.01657884	
04-May-24 16:00:00	26.4106949	0	0.745711267	0.87573372	0.00E+00	13.37867645	1687580.911	251.342	0.078751	22.153058	0	0	0.001244	0.3454281	48.82183084	0	0.745711267	0.00E+00	
04-May-24 17:00:00	26.06980179	0.034564657	0.773255613	0.905709028	0	13.39820099	1676638.052	250.314	0.080721	22.422432	0.00010781	0.02994665	0.001296	0.3601356	47.25587192	0.075346039	0.773255613	0	
04-May-24 18:00:00	22.10216622	0	1.115678976	1.257730923	7.388600980	14.02820306	1341912.898	143.046	0.056889	15.599138	0	0	0.001496	0.4156840	48.07092743	0	1.115678976	16.0451002	
04-May-24 19:00:00	24.18568832	0	0.961027145	1.10011971	0	13.69584151	1616209.036	238.416	0.073109	20.416687	0	0	0.001552	0.4311970	48.5109629	0	0.961027145	0.090151968	
04-May-24 20:00:00	23.10889931	0	0.74375701	0.884088582	0	13.3462534	1670889.926	259.136	0.072802	20.222839	0	0	0.001243	0.3452944	42.46932266	0	0.74375701	0	
04-May-24 21:00:00	23.17600136	0	0.911812544	1.045338688	0	13.37291513	1674205.2	265.345	0.073831	20.452923	0	0	0.001527	0.4240445	43.0462256	0	0.911812544	0	
04-May-24 22:00:00	23.66822937	0.038584843	0.926594802	1.036734053	0	13.2487804	1730338.370	265.005	0.077787	21.691876	0.00017604	0.04882296	0.001569	0.4383711	43.26029917	0.006870148	0.926594802	0	
04-May-24 23:00:00	22.38157854	0.001047208	1.207188102	1.347435649	6.128568918	14.42327785	1272238.692	145.023	0.053572	14.881127	3.4708E-06	0.0009641	0.001538	0.4266102	47.83769989	0	1.207188100	13.03302886	
05-May-24 00:00:00	21.82151794	0	0.909659436	1.050815430	2.600548944	14.17758690	1383692.683	182.533	0.057225	15.895732	0	0	0.001260	0.3572958	44.92916544	0	0.909659436	6.280972690	
05-May-24 01:00:00	22.11580194	0.034251368	0.629337549	0.774998511	0	13.26800274	1718803.394	263.520	0.071383	19.806383	1.9672E-06	0.00529786	0.001078	0.2999953	40.10834872	0	0.629337549	0	
05-May-24 02:00:00	21.20821381	0.035572924	0.632692521	0.97222158	0	13.27951145	1597583.818	265.578	0.067736	18.815326	2.9206E-05	0.00811276	0.001421	0.3946683	38.58220245	0.011964023	0.63692521	0	
05-May-24 03:00:00	21.73673329	0.042431041	0.811629772	0.933882833	0.131985258	13.56673219	1578112.647	220.556	0.064543	17.928707	0.00017562	0.04875660	0.001281	0.3557908	41.05506804	0.080153398	0.811629772	0.020133374	
05-May-24 04:00:00	22.13481277	0.04118184	0.600004504	1.03488493	0.77225548	13.99875975	1419132.447	191.040	0.059096	18.418363	0.00015298	0.04249475	0.001277	0.3547915	44.42363739	0.082878472	0.900004504	1.564338786	
05-May-24 05:00:00	20.68596841	0	0.901306076	1.038177252	0	13.72282871	1609667.785	265.645	0.066007	18.335406	0	0	0.001520	0.4240509	37.38700068	0	0.901306078	0	
05-May-24 06:00:00	20.72807422	0.109903424	0.841884058	0.983869487	0	13.16821626	1728806.03	265.085	0.066518	18.478847	0.00047287	0.13135747	0.001436	0.3989885	37.24123784	0.190354406	0.841884058	0	
05-May-24 07:00:00	20.23737376	0.068400691	1.115172267	1.256918906	11.94907311	14.41571532	1257000.576	154.884	0.047663	13.296238	0.0002152	0.05977803	0.001402	0.3894090	43.19662176	0.139048321	1.115172267	25.65973464	
05-May-24 08:00:00	20.60580006	0.196534721	1.301404476	1.435836315	9.152506828	14.38979196	1265830.32	143.878	0.048951	13.597514	0.00065278	0.18132115	0.001651	0.4586412	42.82113923	0.418085308	1.301404476	19.38360005	
05-May-24 09:00:00	20.00406424	0.218103484	0.985498829	1.134291714	8.039178848	14.38339233	1349591.187	157.106	0.052161	14.489137	0.00080343	0.22317464	0.001327	0.3686378	43.75643830	0.484467196	0.985498829	17.07287085	
05-May-24 10:00:00	20.60844383	0.132325168	1.307873931	1.438881833	10.98074687	14.43776664	1269633.179	143.194	0.049085	13.697765	0.00043977	0.12215726	0.001950	0.4511651	43.93023937	0.304408858	1.307873931	22.97568114	
05-May-24 11:00:00	21.66630363	0.184964768	1.304030273	1.439108372	10.7032412	14.54094867	1305792.114	144.700	0.053228	14.785477	0.00066635	0.18510084	0.001703	0.4729072	47.15400690	0.424246808	1.304030273	23.30711946	
05-May-24 12:00:00	23.34586077	0.23203265	1.325435281	1.450283498	5.315871308	14.3370965	1284218.919	142.313	0.055425	15.426384	0.00079181	0.21972618	0.001676	0.4654549	50.85508853	0.515011787	1.325435281	11.21478841	
05-May-24 13:00:00	22.78416131	0.201163618	1.28443399	1.426020183	6.872160475	14.56635448	1284850.767	142.876	0.054234	15.695847	0.00069237	0.19232378	0.001599	0.4441510	49.81435304	0.449713647	1.28433399	15.02400328	
05-May-24 14:00:00	22.9397318	0.221248866	1.347105881	1.47683622	6.24328492	14.61121968	1274351.583	144.744	0.054999	15.277982	0.00073802	0.20500684	0.001717	0.4768573	49.7082634	0.48784792	1.347105881	13.57296176	
05-May-24 15:00:00	23.69766783	0.161819084	1.274024129	1.412744541	4.232001266	14.56122875	1263323.850	142.552	0.056902	15.806327	0.00053384	0.14828076	0.001608	0.4466231	50.30130380	0.348652718	1.274024129	9.060485684	
05-May-24 16:00:00	23.80819511	0.171024178	1.322289916	1.456415295	7.193084785	14.61382548	1262025.391	143.855	0.056608	15.733248	0.0005784	0.16066716	0.001708	0.4745444	51.33547619	0.384768534	1.322289915	15.688812	
05-May-24 17:00:00	23.03221703	0.162572285	1.29703486	1.432346629	6.888421135	14.60693505	1247365.181	142.598	0.054682	15.617099	0.00053126	0.14757225	0.001618	0.4494930	50.66843790	0.357500306	1.29703486	14.40629768	
05-May-24 18:00:00	21.45134929	0.192036174	1.284980211	1.418284774	9.472595079	14.61294613	1256906.026	143.878	0.051251	14.236478	0.0006317	0.17547316	0.001600	0.4462271	46.47322818	0.413304206	1.284980211	19.98284728	
05-May-24 19:00:00	22.0742054	0.120773725	0.982879909	1.13117871	5.580252661	14.36360049	1321153.442	149.926	0.054878	15.241536	0.00041766	0.11601772	0.001296	0.3600568	48.98191025	0.257167142	0.982879909	14.10700912	
05-May-24 20:00:00	21.19100917	0.159548502	1.035597583	1.207881808	14.78386974	14.49381718	1356751.831	148.076	0.054092	15.025556	0.00058305	0.15640396	0.001405	0.3902614	45.54250583	0.34286884	1.035597583	31.8932991	
05-May-24 21:00:00	23.65482877	0.022593334	0.701786545	0.848795414	0	13.28298921	1741478.746	261.722	0.078191	21.719712	0.00010345	0.02873625	0.001222	0.3394650	43.44104794	0.03544427	0.701786545	0	
05-May-24 22:00:00	22.70588493	1.60E-01	0.678568171	0.819222829	0	13.29150488	1724134.277	264.137	0.073853	20.459075	0.0006774	0.18810067	0.001170	0.3248793	41.31886402	0.270944508	0.678568171	0	
05-May-24 23:00:00	22.01512148	0.144733533	0.934787393	1.076246856	0.036744922	13.90464838	1508758.377	227.992	0.064882	18.014489	0.00058519	0.16477514	0.001484	0.4085880	41.7920298	0.274984115	0.934787393	0.071841944	
06-May-24 00:00:00	20.42159843	0.068180634	0.841964006	0.976363809	2.022215632	14.04104137	1401706.781	199.921	0.058180	15.808887	0.00026079	0.07244236	0.001231	0.3415824	41.72509378	0.1259491	0.841964006	3.917227881	
06-May-24 01:00:00	20.36298216	0.081719694	0.924361289	1.0698104	1.087259224	13.94789464	1401358.472	188.193	0.053684	14.912737	0.00029975	0.08326323	0.001295	0.3598098	40.97130051	0.1948042	0.974361289	2.326268048	
06-May-24 02:00:00	21.41916275	0.172249968	0.958959772	1.104287863	0.903970003	13.94845772	1484587.055	191.716	0.058618	16.782342	0.00065608	0.18190637	0.001395	0.3874720	43.59097076	0.350303087	0.958959772	1.733527966	
06-May-24 03:00:00	20.07443237	0.130399842	1.024809718	1.16988821	2.243323803	13.97748801	1409578.126	180.601	0.053199	14.777406	0.00048079	0.13355402	0.001444	0.4009790	40.35553741	0.271379303	1.024809718	4.180160061	
06-May-24 04:00:00	21.4470768	0.150119707	1.037715088	1.170620355	1.864231829	14.06579438	1418518.968	187.509	0.057238	15.899340	0.00055741	0.15483561	0.001485	0.4058235	42.83606417	0.307311058	1.037715088	3.803334713	
06-May-24 05:00:00	21.49267938	0.116078451	0.937704742	1.074010372	0	13.25571994	1694138.916	265.931	0.068498	19.027185	0.00051478	0.14298788	0.001589	0.4413784	38.87479782	0.209123016	0.937704742	0	
06-May-24 06:00:00	22.16341972	0.164944023	0.929177806	1.081637068	0	13.36386634	1684876.485	261.062	0.070298	19.515573	0.00072349	0.20096608	0.001569	0.4348790	40.6681221	0.302063681	0.929177090	0	
06-May-24 07:00:00	21.54224129	0.062129859	1.312406878	1.457772256	9.173534384	14.37182102	1228613.647	143.872	0.049373	13.714664	0.00026434	0.07342805	0.001614	0.4482658	45.27377319	0.175102547	1.312406878	19.45264291	
06-May-24 08:00:00	20.82178781	0.120619318	1.251622436	1.382247608	10.55023706	14.38469424	1292958.628	151.513	0.050691	14.080619	0.00040789	0.11330348	0.001618	0.4498302	44.2364006	0.256028324	1.251622436	22.34182712	
06-May-24 09:00:00	21.01352673	0.206724106	1.30990094	1.43661308	10.19107539	14.40727043	1254357.746	142.630	0.049591	13.775279	0.000675	0.18881237	0.001643	0.4564181	44.7972541	0.432880501	1.30990094	21.68234443	
06-May-24 10:00:00	20.62710648	0.203857458	1.285578251	1.445426502	12.12038679	14.4841914	1286048.95	142.684	0.050392	13.997901	0.00018884	0.05233266	0.001653	0.4592546	44.94014339	0.120278254	1.285578251	27.20934144	
06-May-24 11:00:00	22.22368687	0.02378401	1.206983348	1.35493207	3.660082874	14.38671259	1259835.083	143.298	0.053165	14.768059	7.8887E-05	0.02189078	0.001528	0.4243985	47.48583187	0.047685258	1.206983348	13.42680264	
06-May-24 12:00:00	21.36802264	0.070783529	1.20465529	1.358717203	10.8931825	14.50148487	1301862.183	142.886	0.052092	14.476002	0.00024114	0.06698431	0.001568	0.4358376	45.68146818	0.148078191	1.20465529	23.0738424	
06-May-24 13:00:00	21.74102737	0	1.175886875	1.323067507	8.881135297	14.51335907	1268845.021	143.584	0.051888	14.413284	0	0	0.001493	0.4148636	47.17370865	0	1.175886875	19.16841481	
06-May-24 14:00:00	21.0890410	5.16E-02	0.92806665	1.056237092	0.340781568	14.03345747	1512981.235	197.280	0.060807	16.918726	0.00020426	0.05674474	0.001405	0.3901865	43.08570872	0.12219658	0.92806665	0.716435898	
06-May-24 15:00:00	26.7112090	5.33E-03	0.624007747	1.073164687	0	13.38221656	1754606.128	260.645	0.088884	24.637206	2.4912E-05	0.00683866	0.001633	0.4534617	49.2312931	0.10E+00	0.924697747	0	
06-May-24 16:00:00	23.04339726	0.005306259	1.209411502	1.36882404	7.018904596	14.48409584	1318627.596	143.157	0.057033	15.842518	1.9479E-05	0.00553303	0.001591	0.4418918	49.71715907	0.001592568	1.209411502	15.2418709	
06-May-24 17:00:00	21.94411607	0.140414223	1.338713199	1.47422111	10.80847764	14.52904526	1267871.802	143.660	0.051306	14.278269	0.00046604	0.12945514	0.001695	0.4708080	46.76008675	0.304959797	1.338713199	23.02661181	
06-May-24 18:00:00	21.77726219	0.043934758	1.254480931	1.329825624	11.98498877	14.526814	1270560.171	144.643	0.052058	14.460987	0.00014612	0.04059800	0.001594	0.4427377	47.80645869	0.09553753	1.254480931	26.12942186	
06-May-24 19:00:00	21.94427643	0	1.16406852	1.311044258	11.03523621	14.47088524	1318340.086	142.993	0.053581	14.877932	0	0	0.001531	0.4252651	48.56427965	0	1.16406852	23.77770267	
06-May-24 20:00:00	21.75512527	0.054856829	0.817623377	0.961842	0.170486375	13.91814692	1547178.487	214.123	0.063386	17.598597	0.00025042	0.07220169	0.001261	0.3513815	43.0626860	0.122683068	0.817623377	0.335640209	
06-May-24 21:00:00	23.69027465	0.005626285	0.740547076	0.879272044	0	13.30742356	1733775.746	264.341	0.077306	21.473972	3.0901E-05	0.00860925	0.001284	0.3566087	43.29779821	0.01029889	0.740547076	0	
06-May-24 22:00:00	22.76721764	0.076855662	0.706876622	0.847873903	0	13.32278587	1672183.36	257.871	0.071826	19.896216	0.00033087	0.09192314	0.001182	0.3283400	41.65186329	0.138262764	0.706876622	0	
06-May-24 23:00:00	22.52111528	0	0.673500419	0.815863271	0	13.25780664	1713848.098	262.715	0.072618	20.171534	0	0	0.001154	0.3206325	40.84220133	0	0.673500419	0	
07-May-24 00:00:00	22.70730981	0	0.918770752	1.096290601	4.312329665	14.38003865	1335867.158	143.582	0.052841	14.677841	0	0	0.001186	0.3294659	48.22812	0	0.668770752	9.142294864	
07-May-24 01:00:00	22.83014247	0.003135159	0.666312846	0.724343885	0	13.29797199	1738719.919	268.111	0.073663	20.542301	0.00026781	0.0787288	0.001618	0.2828800	41.16349655	0.114204712	0.586352648	0	
07-May-24 02:00:00	22.3871022	0.023017773	0.83943387	0.973481191	4.064344406	14.31070328	1336912.842	168.529	0.058847	16.818729	6.1755E-05	0.02278863	0.001130	0.3163066	45.67322235	0.047144778	0.83943387	8.751943643	
07-May-24 03:00:00	20.72890438	0.09205385	1.319498867	1.447406688	12.31824113	14.45011044	1232198.12	142.987	0.048396	13.347233	0.00029894	0.08248388	0.001626	0.4516200	44.46981813	0.193884886	1.319498867	26.39114571	
07-May-24 04:00:00	21.01431847	0.126891131	1.30486658	1.441446661	11.13709184	14.41003759	1229563.718	144.109	0.048817	13.604706	0.00040747	0.11318868	0.001605	0.4457144	44.87834625	0.27015043	1.30486656	25.87229302	
07-May-24 05:00:00	20.82126045	0.062769762	1.300381942	1.45084548	12.43809056	14.4817107	1251622.192	148.914	0.049421	13.728176	0.00020726	0.05757723	0.001653	0.4590840	44.80921675	0.127280795	1.300381942	27.64566812	
07-May-24 06:00:00	21.1196003	0.099023812	1.348412776	1.384026604	10.91681218	14.39605097	1270755.971	144.739	0.050402	14.025688	0.00032036	0.0914856	0.001586	0.4419272	45.02353216	0.201497123	1.248412776	22.13705883	
07-May-24 07:00:00	21.33318673	0.109468025	1.244417890	1.379842291	9.314502819	14.38967329	1291892.678	143.048	0.052313	14.531400	0.00037015	0.10281926	0.001603	0.4465068	45.76056145	0.232984001	1.244417809	19.98421257	
07-May-24 08:00:00	20.61430163	0.080964568	1.300470233	1.436763035	12.01324699	14.42193413	1252727.783	145.768	0.048973	13.603604	0.00027419	0.07616382	0.001642	0.4561500	44.04614204	0.182955252	1.300470233	25.49013025	
07-May-24 09:00:00	21.70420716	0.163032099	1.143206324	1.382335374	9.355368022	14.40671444	1250250.61	142.609	0.051962	14.183973	0.00050976	0.13819345	0.001430	0.3972782	48.2426894	0.372787385	1.143926324	20.40220603	
07-May-24 10:00:00	22.06443001	0.066716852	1.269002098	1.418643262	9.915871753	14.44169426	1302745.672	143.179	0.052306	14.554180	0.00023044	0.06401012	0.001603	0.4453618	47.36166015	0.148050081	1.269002098	20.95661668	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2	HRSG11_CO@7%O2	Remark
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13-May-24 07:00:00	21.899	0.001	0.858	0.997	0.000	13.251	1762629.395	275.931	0.072622	20.172741	2.8698E-06	0.0007972	0.001508	0.4187694	39.676	0.000	0.858	0.000	
13-May-24 08:00:00	22.778	0.007	0.828	0.770	0.000	13.251	1769353.518	270.180	0.075817	21.060226	3.0316E-05	0.00842121	0.001112	0.3088834	41.266	0.012	0.828	0.000	
13-May-24 09:00:00	22.207	0.008	0.485	0.621	0.000	13.304	1660584.108	280.220	0.069629	19.341358	3.6001E-05	0.01000024	0.000808	0.2243967	40.621	0.012	0.485	0.000	
13-May-24 10:00:00	23.497	0.037	0.781	0.902	0.000	13.389	1725502.808	285.772	0.076151	21.153038	0.00016524	0.04589971	0.001295	0.3598593	42.603	0.064	0.781	0.000	
13-May-24 11:00:00	23.815	0.000	0.958	1.103	0.000	13.320	1719830.415	283.335	0.077033	21.398013	1.5186E-06	0.00042182	0.001643	0.4563810	43.537	0.001	0.958	0.000	
13-May-24 12:00:00	24.522	0.003	1.012	1.167	0.000	13.350	1716988.037	287.119	0.079169	21.991303	1.462E-05	0.004061	0.001736	0.4822450	45.233	0.007	1.012	0.000	
13-May-24 13:00:00	23.173	0.031	0.749	0.907	0.000	13.323	1737327.515	265.770	0.075743	21.039870	0.00013974	0.03881569	0.001302	0.3615840	42.347	0.069	0.749	0.000	
13-May-24 14:00:00	21.825	0.001	0.700	0.882	0.000	13.301	1710234.741	264.728	0.070224	19.506751	3.7663E-06	0.00104619	0.001198	0.3328678	38.787	0.002	0.700	0.000	
13-May-24 15:00:00	21.312	0.000	0.644	0.791	0.000	13.323	1707315.916	252.383	0.068458	19.016221	0	0	0.001100	0.3055240	38.074	0.000	0.644	0.000	
13-May-24 16:00:00	22.090	0.190	1.085	1.223	8.927	14.379	1241408.250	143.548	0.052761	14.655791	0.00061881	0.17183588	0.001347	0.3741878	47.918	0.404	1.085	18.734	
13-May-24 17:00:00	21.495	0.080	0.842	0.998	0.000	13.424	1677872.314	255.764	0.067856	18.848842	0.00035307	0.09807409	0.001413	0.3924275	39.841	0.133	0.842	0.000	
13-May-24 18:00:00	22.574	0.094	0.991	1.131	8.562	14.372	1224401.489	145.222	0.052002	14.444907	0.00030218	0.08393324	0.001213	0.3370640	47.574	0.205	0.991	18.354	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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15-May-24 13:00:00	26.163	0.000	0.769	0.916	0.000	13.342	1738597.144	259.339	0.088082	23.772843	0	0	0.001372	0.3811127	47.968	0.000	0.769	0.000	
15-May-24 14:00:00	27.380	0.000	0.701	0.852	0.000	13.352	1759807.025	257.841	0.090698	25.182119	0	0	0.001233	0.3429367	50.267	0.000	0.701	0.000	
15-May-24 15:00:00	25.933	0.000	0.639	0.781	0.000	13.377	1703831.177	258.650	0.086338	23.982202	0	0	0.001088	0.3023681	49.010	0.000	0.639	0.000	
15-May-24 16:00:00	25.425	0.000	0.600	0.732	0.000	13.259	1665785.239	255.614	0.080638	22.396483	0	0	0.001012	0.2810009	48.154	0.000	0.600	0.000	
15-May-24 17:00:00	23.950	0.000	0.531	0.688	0.000	13.313	1688427.979	257.094	0.075763	21.045264	0	0	0.000899	0.2490145	43.973	0.001	0.531	0.000	
15-May-24 18:00:00	23.054	0.002	0.538	0.690	0.000	13.336	1686905.684	257.540	0.075078	20.852877	6.814E-06	0.00189277	0.000908	0.2523067	43.382	0.003	0.538	0.000	
15-May-24 19:00:00	24.065	0.000	0.525	0.658	0.000	13.333	1678418.382	257.407	0.076055	21.126335	0	0	0.000882	0.2449606	44.117	0.001	0.525	0.000	
15-May-24 20:00:00	23.076	0.000	0.583	0.719	0.000	13.333	1680018.677	257.916	0.072871	20.819721	0	0	0.000968	0.2688103	42.393	0.001	0.583	0.000	
15-May-24 21:00:00	23.168	0.000	0.460	0.591	0.000	13.298	1726233.154	258.297	0.079645	21.812363	0	0	0.000799	0.2219792	42.219	0.000	0.460	0.000	
15-May-24 22:00:00	23.078	0.000	0.503	0.650	0.000	13.293	1688630.859	258.408	0.073168	20.321740	0	0	0.000848	0.2356306	41.979	0.000	0.503	0.000	
15-May-24 23:00:00	22.506	0.000	0.512	0.654	0.000	13.303	1679535.757	259.041	0.071112	19.753423	0	0	0.000860	0.2388947	41.845	0.013	0.512	0.000	
16-May-24 00:00:00	22.573	0.005	0.542	0.688	0.000	13.344	1685567.048	259.123	0.071500	19.861042	2.3490E-05	0.00652584	0.000912	0.2534516	41.455	0.012	0.542	0.000	
16-May-24 01:00:00	22.122	0.000	0.537	0.672	0.000	13.333	1721970.215	259.026	0.071667	19.907517	0	0	0.000924	0.2566586	40.535	0.000	0.537	0.000	
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16-May-24 03:00:00	22.908	0.036	0.565	0.726	0.000	13.321	1678546.753	260.022	0.071080	19.744432	0.00017083	0.04745243	0.000982	0.2727502	41.142	0.071	0.565	0.000	
16-May-24 04:00:00	21.964	0.009	0.591	0.729	0.000	13.372	1691212.891	259.654	0.069885	19.412526	3.8623E-05	0.01072854	0.000999	0.2774946	40.184	0.018	0.591	0.000	
16-May-24 05:00:00	21.934	0.058	0.546	0.684	0.000	13.323	1671721.802	260.057	0.068967	19.157388	0.00025339	0.07038829	0.000912	0.2533565	40.111	0.105	0.546	0.000	
16-May-24 06:00:00	21.965	0.076	0.545	0.672	0.000	13.323	1769704.132	259.915	0.072721	20.200198	0.00036054	0.09740858	0.000960	0.2665065	40.160	0.139	0.545	0.000	
16-May-24 07:00:00	22.061	0.083	0.583	0.724	0.000	13.301	1662892.637	260.138	0.070319	19.532924	0.00036857	0.10240521	0.000987	0.2742409	40.264	0.150	0.583	-0.000	
16-May-24 08:00:00	22.457	0.080	0.581	0.781	0.000	13.327	1705569.111	259.433	0.072105	20.029026	0.00035767	0.09932373	0.000992	0.2756725	41.100	0.131	0.581	-0.000	
16-May-24 09:00:00	18.106	0.078	0.543	0.785	2.514	13.973	1446876.244	191.887	0.052009	14.446946	0.00029789	0.0825251	0.000931	0.2586839	38.203	0.157	0.543	4.898	
16-May-24 10:00:00	20.728	0.087	1.080	1.232	11.145	14.449	1241973.389	143.287	0.048433	13.453863	0.00021729	0.06036785	0.001342	0.3727477	44.484	0.144	1.080	24.016	
16-May-24 11:00:00	22.547	0.000	1.029	1.177	4.142	14.330	1311917.700	159.895	0.055613	15.448183	0	0	0.001349	0.3747479	47.517	0.000	1.029	8.882	
16-May-24 12:00:00	21.30605297	0.000083256	1.112517834	1.257083745	8.194903973	14.42480889	1330363.77	143.291	0.053328	14.813388	2.2748E-06	0.00063181	0.001480	0.4111259	45.55822316	0	1.112517834	17.45942902	
16-May-24 13:00:00	20.13336372	0.06040075	1.297058106	1.444250277	19.43115816	14.51690279	1247587.725	142.528	0.047266	13.127784	0.0001646	0.04572299	0.001618	0.4495271	43.65267563	0.105451472	1.297058105	42.35508548	
16-May-24 14:00:00	22.44311523	0.211128384	1.29751716	1.438375548	5.656479908	14.38029998	1237403.897	144.700	0.052248	14.513462	0.00068385	0.18995758	0.001606	0.4458868	47.85811539	0.447475374	1.29751716	11.82091608	
16-May-24 15:00:00	20.60210068	0.097514489	1.134723471	1.294050945	10.7170229	14.3805542	1258315.796	143.685	0.048916	13.587985	0.00032378	0.08993158	0.001437	0.3991438	43.5909462	0.207381363	1.134722471	22.7174263	
16-May-24 16:00:00	21.66100832	0.025728024	1.050954819	1.192942007	10.22812853	14.39968204	1244529.297	143.855	0.050481	14.016809	8.1859E-05	0.02273851	0.001368	0.3803178	45.90122223	0.040803792	1.050954819	21.74452972	
16-May-24 17:00:00	21.33870125	0.005011548	1.089291525	1.226336717	10.09432588	14.37365341	1227723.287	143.927	0.048289	13.691368	1.6112E-05	0.00447563	0.001337	0.3714736	45.2911377	0.008505328	1.089258625	21.36089642	
16-May-24 18:00:00	21.52282245	0	0.987605926	1.117436128	9.817295982	14.35706907	1264765.259	144.190	0.050889	14.113851	0	0	0.001239	0.3447290	45.54883575	0	0.987605926	20.7061713	
16-May-24 19:00:00	20.99864109	0.000542926	0.681433637	0.806668361	0	13.37196966	1714336.548	263.246	0.067732	18.814322	2.4383E-06	0.00067878	0.001134	0.3149777	38.14744166	0.000987738	0.681433637	0	
16-May-24 20:00:00	21.30839729	0.044547871	0.565296113	0.723077774	0	13.21512699	1747607.866	263.932	0.070061	19.461271	0.00020375	0.05660692	0.000988	0.2744211	38.42228791	0.079138736	0.565298113	0	
16-May-24 21:00:00	21.12421227	0.138107026	0.707535326	0.819652369	0	13.23160458	1700358.032	265.326	0.067810	18.837969	0.0005722	0.15894312	0.001287	0.3363836	38.20129770	0.230696877	0.707535329	0	
16-May-24 22:00:00	21.21141434	0.062354084	0.769829823	0.923024319	0	13.23421383	1712204.419	265.339	0.068387	18.996009	0.00027958	0.07766983	0.001317	0.3658144	38.34074402	0.104934745	0.769829823	0	
16-May-24 23:00:00	20.88384056	0.025191582	0.745804195	0.893258154	0	13.27744198	1710081.421	264.402	0.067190	18.663063	0.00011724	0.03256693	0.001287	0.3618997	37.978406	0.047626035	0.745804195	0	
17-May-24 00:00:00	21.03253147	0.104814452	1.189156221	1.332376863	9.561435896	14.33701897	1291402.222	150.377	0.051101	14.194674	0.00035363	0.09823174	0.001538	0.4268771	44.3064582	0.220584507	1.189156221	20.25839829	
17-May-24 01:00:00	20.81826344	7.08E-02	0.588546858	0.723088297	0	13.24027232	1742548.831	265.441	0.067088	18.774805	0.00032343	0.08984201	0.001022	0.2839129	37.29416275	1.28E-01	0.588546858	0	
17-May-24 02:00:00	20.42147448	0.160152058	0.703617782	0.838600669	0	13.26187856	1684312.622	261.188	0.064713	17.975718	0.00068848	0.19124797	0.001185	0.3291979	37.16308975	0.284438103	0.703617782	0	
17-May-24 03:00:00	21.3039670	0.013820243	1.050192982	1.192338168	9.19011879	14.34925128	1244145.484	144.592	0.049375	13.715324	0.00018084	0.05023422	0.001397	0.3629427	44.73567796	0.028144335	1.050192982	19.18311385	
17-May-24 04:00:00	20.7773819	0.058581732	1.198028496	1.335661564	12.7792511	14.40327549	1242590.578	145.216	0.048573	13.482591	0.00018384	0.05108431	0.001488	0.4136199	44.38380051	0.121080473	1.198329436	37.01066259	
17-May-24 05:00:00	20.69305987	1.28E-01	1.22319603	1.356608106	11.84728527	14.36717319	1263256.499	145.330	0.049264	13.684496	0.00042107	0.11696274	0.001533	0.4258379	44.28525497	2.68E-01	1.22319603	25.00740242	
17-May-24 06:00:00	20.89504438	0.112719931	1.058530013	1.228810787	12.82801743	14.36916924	1261426.638	143.945	0.049116	13.643237	0.00037219	0.1033859	0.001388	0.3849193	43.87451308	0.232756391	1.058520013	25.80153058	
17-May-24 07:00:00	20.69911382	1.30E-01	1.209298761	1.443291147	12.28773688	14.37365437	1282811.768	144.587	0.049613	13.678154	0.00043865	0.12181277	0.001667	0.4628877	43.90828943	2.75E-01	1.209298762	26.22183118	
17-May-24 08:00:00	20.25689125	0.082231753	1.113893846	1.254187703	16.35149002	14.41681829	1264539.038	149.840	0.048197	13.388064	0.00027221	0.07561444	0.001408	0.3911085	43.2669852	0.182021857	1.112893846	34.79515826	
17-May-24 09:00:00	21.80302048	0.147190869	1.061788174	1.206441164	9.294882774	14.35079025	1272517.7	144.435	0.052199	14.499831	0.00049031	0.13619773	0.001351	0.3753106	46.14944839	0.319842041	1.061788174	19.03782856	
17-May-24 10:00:00	20.892	0.019	1.203	1.367	12.835	14.416	1264940.137	144.893	0.049707	13.807524	6.2786E-05	0.01741613	0.001522	0.4224798	44.697	0.046	1.203	26.983	
17-May-24 11:00:00	21.288	0.020	1.288	1.410	12.398	14.458	1272371.045	144.781	0.050968	14.156137	6.7813E-05	0.01878126	0.001611	0.4474872	45.803	0.038	1.288	26.687	
17-May-24 12:00:00	20.928	0.015	1.392	1.517	14.008	14.928	1304716.068	143.403	0.051272	14.269051	5.0083E-05	0.01495094	0.001816	0.5044145	45.312	0.000	1.392	30.218	
17-May-24 13:00:00	22.470	0.001	1.111	1.260	6.488	14.407	1302086.548	164.734	0.056046	15.290437	0	0	0.001446	0.4017594	48.105	0.000	1.111	14.058	
17-May-24 14:00:00	20.681	0.034	1.332	1.476	14.870	14.519	1277243.652	143.978	0.049696	13.804384	0.00011515	0.03198802	0.001702	0.4729490	44.650	0.078	1.332	32.101	
17-May-24 15:00:00	21.153	0.005	1.334	1.475	14.579	14.510	1299518.958	143.459	0.049329	13.702526	1.7522E-05	0.00486723	0.001653	0.4591798	45.818	0.000	1.334	31.930	
17-May-24 16:00:00	22.188	0.000	1.126	1.290	9.454	14.504	1263558.868	143.140	0.052749	14.652422	0	0	0.001438	0.3994193	48.007	0.000	1.126	20.393	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-May-24 17:00:00	21.199	0.000	1.427	1.570	14.681	14.514	1265018.066	144.293	0.050454	14.014906	1.252E-06	0.00034778	0.001806	0.5015625	45.958	0.000	1.427	31.822	
17-May-24 18:00:00	21.007	0.023	1.464	1.600	13.778	14.469	1271617.212	143.909	0.050254	13.959563	7.6244E-05	0.02117896	0.001840	0.5137981	45.197	0.058	1.464	29.548	
17-May-24 19:00:00	21.784	0.007	1.338	1.478	10.194	14.440	1226054.199	143.612	0.050240	13.957908	2.3692E-05	0.00655606	0.001637	0.4545308	46.881	0.017	1.335	22.143	
17-May-24 20:00:00	21.180	0.025	1.309	1.453	16.218	14.476	1253177.387	142.871	0.049697	13.840202	8.1171E-05	0.02254763	0.001639	0.4552905	45.822	0.042	1.309	35.028	
17-May-24 21:00:00	21.931	0.003	1.385	1.509	9.638	14.360	1243281.663	143.331	0.051259	14.237747	9.7721E-06	0.00271447	0.001697	0.4712905	46.831	0.000	1.385	20.634	
17-May-24 22:00:00	20.715	0.000	1.475	1.618	14.058	14.422	1268387.317	143.448	0.049304	13.760618	0	0	0.001876	0.5183190	44.253	0.000	1.476	30.146	
17-May-24 23:00:00	21.966	0.000	1.207	1.348	7.214	14.344	1258024.536	144.580	0.052032	14.453207	0	0	0.001520	0.4221905	46.337	0.000	1.207	14.948	
18-May-24 00:00:00	20.701	0.024	1.384	1.530	12.255	14.358	1280118.184	143.230	0.049855	13.848749	8.1073E-05	0.02252924	0.001772	0.4921574	43.867	0.045	1.384	26.160	
18-May-24 01:00:00	22.853	0.003	1.452	1.591	5.192	14.287	1227858.494	143.679	0.052323	14.534050	0	0	0.001782	0.4950505	47.287	0.009	1.452	10.888	
18-May-24 02:00:00	21.287	0.216	1.576	1.709	14.813	14.418	1268609.321	144.060	0.050763	14.084126	0.00072206	0.20082547	0.001742	0.4839186	45.449	0.464	1.576	31.687	
18-May-24 03:00:00	20.537	0.106	1.338	1.480	15.028	14.437	1247690.674	145.594	0.048265	13.391856	0.00034845	0.09585957	0.001667	0.4830625	43.988	0.227	1.338	32.169	
18-May-24 04:00:00	21.04964638	0.235806346	1.325223804	1.442652715	12.14382802	14.40138628	1234544.698	144.542	0.048801	13.558884	0.00076261	0.21187676	0.001636	0.4544577	44.94584491	0.502597289	1.325223804	25.78789629	
18-May-24 05:00:00	21.12491658	0.229258582	1.34250021	1.476852965	13.24000454	14.41774580	1242826.172	143.863	0.049385	13.729878	0.00074583	0.20717368	0.001665	0.4634787	45.03062857	0.489277303	1.34250021	28.11282589	
18-May-24 06:00:00	21.00806464	0.177488658	1.332521946	1.468597293	14.03229046	14.41282627	1287560.2	144.543	0.050162	13.917350	0.0005889	0.1635838	0.001688	0.4692272	44.82905879	0.378761736	1.332521946	29.94785306	
18-May-24 07:00:00	21.00207329	0.19759883	1.282313228	1.426087437	12.06505741	14.38738628	1250099.945	144.473	0.049813	13.836926	0.00065206	0.18112735	0.001617	0.4490479	44.54781434	0.421226588	1.282313228	25.58059804	
18-May-24 08:00:00	21.01325080	0.220849199	1.340457082	1.474437118	13.31290006	14.40687901	1258321.899	144.901	0.050073	13.909396	0.00075731	0.21036798	0.001696	0.4711419	44.79254530	0.469974844	1.340457082	28.25484194	
18-May-24 09:00:00	20.84711685	0.186826181	1.362916837	1.506410075	14.16303264	14.42698674	1258273.145	143.075	0.049456	13.741105	0.00061319	0.17033035	0.001696	0.4717267	44.79958436	0.397955896	1.362916837	30.27474785	
18-May-24 10:00:00	20.93706788	0.147790821	1.321637988	1.456427865	14.09472456	14.44762993	1264011.476	143.601	0.048403	13.459106	0.00048509	0.13474872	0.001657	0.4603745	44.05635724	0.312162727	1.321637988	30.40075474	
18-May-24 11:00:00	20.96851395	0.137336418	1.324548680	1.475232950	14.81283708	14.53705802	1269050.659	143.376	0.049717	13.810244	0.00045262	0.1257287	0.001686	0.4632431	45.33478715	0.298840653	1.324549580	32.53603201	
18-May-24 12:00:00	20.7572422	0.171390978	1.263098717	1.412472725	14.21063513	14.40488542	1251731.323	143.677	0.048083	13.678879	0.00058363	0.15853642	0.001581	0.4391534	44.87073136	0.371414612	1.263098717	30.80117807	
18-May-24 13:00:00	21.70393959	0.211170082	1.285480221	1.413742532	11.24327278	14.4208953	1238429.063	143.561	0.051029	14.174810	0.00068792	0.19108914	0.001575	0.4374828	46.56997869	0.450609959	1.285480221	24.04482733	
18-May-24 14:00:00	21.01416208	0.180865988	1.417096376	1.553138705	11.76804181	14.37868787	1222643.635	143.552	0.048338	13.427380	0.0005782	0.16061118	0.001733	0.4812809	44.56890262	0.383590370	1.417096376	25.00411606	
18-May-24 15:00:00	20.99531174	0.285805486	1.436032653	1.586593766	13.14723015	14.40102368	1245524.622	144.081	0.049196	13.666308	0.00083669	0.23238781	0.001789	0.4968373	44.71117763	0.602091643	1.436032653	27.88045044	
18-May-24 16:00:00	20.85417388	0.144136808	1.400697582	1.637995766	13.88910236	14.43975501	1247681.377	144.344	0.048862	13.587723	0.00047873	0.13075841	0.001748	0.4854434	44.03388250	0.308236870	1.400697582	30.3259558	
18-May-24 17:00:00	22.25885284	0.08877831	1.648861375	1.821893086	18.37137585	14.36943695	1271059.328	143.585	0.053224	14.784486	0.00029063	0.08305482	0.002096	0.5820982	47.41411642	0.189541849	1.648861375	39.12798882	
18-May-24 18:00:00	22.01885512	0.147516337	1.018077254	1.153694208	0.088034865	13.9133709	1506241.699	231.146	0.069263	18.238741	0.00062024	0.17228818	0.001636	0.4542439	45.55016390	0.27790781	1.018077254	0.028387632	
18-May-24 19:00:00	18.81103134	0.060888715	0.690392303	1.042425891	2.527010202	13.80891991	1531224.975	198.954	0.054191	16.853174	0.00036429	0.10119733	0.001363	0.3787187	38.88283417	0.176836118	0.690392303	5.026214045	
18-May-24 20:00:00	21.36176781	0.088424073	1.301962975	1.441598565	10.99065242	14.38884888	1312819.629	144.244	0.052806	14.612711	0.00029604	0.08248443	0.001706	0.4747178	45.19581512	0.158728706	1.301962975	22.38382850	
18-May-24 21:00:00	20.86376102	0.120424524	1.387523561	1.505464315	14.08821106	14.39105069	1257507.3	143.777	0.049348	13.765632	0.00039643	0.11011867	0.001720	0.4777243	44.38138880	0.256409118	1.387523561	32.13489304	
18-May-24 22:00:00	20.90205909	0.071723051	1.288449711	1.432636887	12.74588152	14.38695572	1258065.384	143.562	0.049506	13.752466	0.00023638	0.06565586	0.001622	0.4505665	44.350198	0.167452885	1.288449711	27.13333511	
18-May-24 23:00:00	21.02213097	0.148125713	1.333389083	1.477902174	14.71163439	14.40740778	1250127.197	143.472	0.049444	13.734325	0.00048835	0.13560796	0.001687	0.4690211	44.80337784	0.304951669	1.333389083	31.42222023	
19-May-24 00:00:00	20.6576785	0.15033019	1.343204856	1.477992147	15.48473073	14.39107037	1306169.678	144.707	0.050784	14.101249	0.00051466	0.14296234	0.001754	0.4873462	42.85112788	0.312701821	1.343204856	33.11212409	
19-May-24 01:00:00	20.77010727	0.175379157	0.715509663	0.848825157	0	13.21312237	1678354.814	268.019	0.065585	18.217936	0.00077945	0.21652293	0.001200	0.3333611	37.44317245	0.316185147	0.715509663	0	
19-May-24 02:00:00	21.44724083	0.120567918	0.679173112	0.821360529	0	13.25916890	1686924.072	265.647	0.068026	18.896897	0.00053267	0.14779794	0.001145	0.3180661	38.71658025	0.210047737	0.679173112	0	
19-May-24 03:00:00	20.69164278	0.101306278	0.833546923	0.960824437	0	13.24195967	1686291.016	264.109	0.064867	18.018652	0.00044226	0.12284806	0.001388	0.3858138	37.44547272	0.183303391	0.833546923	0	
19-May-24 04:00:00	21.35429248	0.137760923	1.267644653	1.404112372	11.88202572	14.38358807	1239452.371	145.178	0.050457	14.015913	0.00045419	0.12616379	0.001584	0.4399643	45.23487636	0.272842585	1.267644653	24.98321487	
19-May-24 05:00:00	21.15660986	0.097048819	1.265723632	1.398510124	11.91806414	14.37024889	1267779.063	145.012	0.050480	14.016626	0.00032206	0.08946073	0.001605	0.4457389	44.80114602	0.204314768	1.265723632	25.48729697	
19-May-24 06:00:00	21.45558887	0.058778772	1.305014849	1.441090048	10.24203988	14.35484804	1241680.659	145.613	0.050097	13.915723	0.00019095	0.05304153	0.001620	0.4498660	45.38470416	0.118907504	1.305014849	21.75868638	
19-May-24 07:00:00	21.20180321	0.109736547	1.304620743	1.4375833	12.32977862	14.37071323	1242382.935	144.765	0.049597	13.769984	0.00035987	0.09913088	0.001621	0.4502329	44.96010208	0.234492704	1.304620743	26.00454913	
19-May-24 08:00:00	20.3185987	0.161080818	1.342487546	1.478787422	16.62128974	14.41518972	1279681.541	143.604	0.048819	13.558521	0.00053947	0.14985214	0.001718	0.4772631	43.37114334	0.34787726	1.342487546	35.75903502	
19-May-24 09:00:00	20.5897403	0.129495278	1.34184289	1.474914432	16.57907058	14.43988279	1256283.418	143.010	0.048501	13.472375	0.00042481	0.11800298	0.001692	0.4671303	44.0522408	0.286970926	1.34184289	35.38137711	
19-May-24 10:00:00	20.75300407	0.131196042	1.345112562	1.474244475	12.93976843	14.4336338	1234610.278	143.866	0.049378	13.718121	0.00043431	0.12064237	0.001781	0.4725307	44.42978733	0.270338106	1.345112562	27.4888148	
19-May-24 11:00:00	21.03138024	0.182091731	1.357538697	1.512564288	12.67366141	14.48251106	1374711.804	142.951	0.052417	14.560144	0.00046116	0.12809863	0.001788	0.4965776	45.23422181	0.29144755	1.357538697	27.4483877	
19-May-24 12:00:00	19.3483192	0.204672202	1.485239983	1.628684521	18.15367501	14.39014149	1310207.223	145.208	0.047682	13.247828	0.00078109	0.19490674	0.001946	0.5405850	41.13776779	0.431890648	1.485239983	40.889487	
19-May-24 13:00:00	21.91215168	0.0880402	1.182054059	1.357873568	7.25675347	14.4020082	1289684.837	144.247	0.052737	14.510179	0.0002256	0.08266812	0.001506	0.4184588	46.48897619	0.196880474	1.182054059	15.19027042	
19-May-24 14:00:00	20.65449108	0	1.352872252	1.516287764	14.3958166	14.42888832	1290107.739	142.933	0.049886	13.802425	0	0	0.001746	0.4848849	43.4600134	0.006820231	1.352872252	30.91522764	
19-May-24 15:00:00	22.50245697	0.08067932	0.906414939	1.047216581	3.13751995	14.17966689	1437019.775	165.977	0.069338	16.399317	0.00030348	0.08429923	0.001381	0.3814184	45.91235928	0.156930397	0.906414939	6.887248646	
19-May-24 16:00:00	18.09253845	0.069014748	0.726360188	0.879259348	2.791776942	13.96400050	1491895.294	192.648	0.063309	14.807949	0.00027858	0.07518993	0.001664	0.3610066	37.08979812	0.138382795	0.726360188	5.452002754	
19-May-24 17:00:00	21.7122064	0.087877111	0.887429972	1.016438391	0.057088097	13.32704735	1666384.043	261.654	0.068071	18.908572	0.00038375	0.10658726	0.001445	0.4015723	39.73354721	0.161027190	0.887429972	0.041507236	
19-May-24 18:00:00	20.03289934	0	1.324738181	1.47844708	14.46894932	14.43182618	1270101.969	143.761	0.047878	13.297135	0	0	0.001682	0.4671862	42.66191223	0	1.324738181	31.28718117	
19-May-24 19:00:00	21.45240784	0.002842365	0.952253342	1.104765177	0.328717291	13.75114059	1601830.444	225.793	0.064650	17.958459	8.5035E-06	0.00237876	0.001525	0.4237979	41.57118225	0.00784950	0.952253342	0.481712431	
19-May-24 20:00:00	22.008965	0.143745831	0.810266733	0.94313252	0	13.32436813	1730888.916	264.709	0.071672	19.908800	0.00065128	0.18090906	0.001492	0.3895783	40.32624064	0.265417975	0.810266733	0	
19-May-24 21:00:00	20.80042267	0.051610213	0.949076083	1.097685914	0	13.31111336	1680117.676	266.841	0.066101	18.361518	0.00022518	0.06338612	0.001603	0.4453060	37.82031631	0.094106581	0.949076083	0	
19-May-24 22:00:00	23.31629035	0.061984826	1.141323118	1.284777403	0.036014881	13.41200496	1668418.401	265.494	0.068640	19.346784	0.00022565	0.06268129	0.001884	0.5262166	41.31180161	0.09889055	1.141323118	0	
19-May-24 23:00:00	22.26481694	0	1.21003987	1.342422588	5.734706448	14.30098332	1250673.218	151.892	0.054092	15.025846	0	0	0.001513	0.4203786	46.25537323	0	1.21003987	12.02537548	
20-May-24 00:00:00	20.0062144	0.00584921	1.064454158	1.221407771	0	13.38457451	1876581.738	265.642	0.068821	18.338055	2.5782E-05	0.00713850	0.001787	0.4963112	38.05375588	0.008598613	1.064454158	0	
20-May-24 01:00:00	21.88203786	0.028212786	1.142877102	1.290629726	14.62236737	14.43428456	1241051.688	149.294	0.049878	13.855100	9.1781E-05	0.02549473	0.001418	0.3938021	45.67435632	0.062343097	1.142877102	30.66505881	
20-May-24 02:00:00	22.17801664	0.038504347	1.210778713	1.342703908	7.962208538	14.31809411	1282344.118	148.101	0.052876	14.832165	0.00013886	0.03835124	0.001528	0.4245888	46.68143082	0.08292789	1.210778713	16.62760077	
20-May-24 03:00:00	21.50712242	0.077881432	1.198176503	1.327100906	11.86478345	14.37329914	1248214.986	150.049	0.050742	14.094620	0.00025374	0.07048448	0.001466	0.4154384	45.77828217	0.165229697	1.198176503	24.75804326	
20-May-24 04:00:00	21.34603174	0	1.275010648	1.409473538	13.48591232	14.38093758	1258671.875	148.514	0.050543	14.039683	0	0	0.001605	0.4457086	45.31124222	0	1.275010648	28.78801401	
20-May-24 05:00:00	22.00584099	0.0008509	1.329141738	1.476405888	10.63091736	14.35108946	1270871.46	143.709	0.052815	14.615248	2.8308E-06	0.00078628	0.001690	0.4692134	46.82090817	0.001277951	1.329141738	23.08481309	
20-May-24 06:00:00	21.54724014	0	1.238000538	1.383679189	11.74818132	14.37248611	1247437.988	144.245	0.050550	14.043664	0	0	0.001542	0.4282872	45.57752497	0.000093714	1.238000538	25.01825544	
20-May-24 07:00:00	21.64298098	0.007108751	1.239890933	1.384846906	11.89168362	14.36564581	1259708.095	143.948	0.051294	14.248290	2.341E-05	0.00650645	0.001542	0.4338806	45.84643888	0.006682335	1.239890933	24.9851375	
20-May-24 08:00:00	21.30549469	0.001091303	1.284509858	1.423080921	10.25886917	14.33496897	1272544.287	150.128	0.052449	14.569229	3.5019E-06	0.00097273	0.001635	0.4541253	45.15832138	0	1.284509858	21.83320958	
20-May-24 09:00:00	21.78869686	0.009038484	1.243033787	1.387080639	12.6447867	14.36800793	1259298.057	144.851	0.052023	14.450932	3.0029E-05	0.00834143	0.001576	0.4382504	46.26875049	0	1.243033787	22.84277153	
20-May-24 10:00:00	21.84143448	0.006400	1.365203381	1.501472473	13.61091805	14.40931	1351894.775	142.913	0.051854	14.403822	0	0	0.001723	0.4785307	46.7636113	0	1.365203381	29.06456141	
20-May-24 11:00:00	21.64941978	0	1.184254527	1.320185225	4.70492863	14.12589169	1424378.052	175.133	0.058016	16.119457	0	0	0.001687	0.4689825	44.2442131	0	1.184254527	9.640451431	
20-May-24 12:00:00	22.76983807	0	1.20507431	1.355758323	7.185378187	14.48547208	1350640.391	141.727	0.053823	14.896402	0	0	0.001507	0.4180421	49.16930874	0	1.20507431	15.98294858	
20-May-24 13:00:00	24.80148888	0	1.013326645	1.183653307	0	13.32381158	1733852.261	264.209	0.080904	22.473380	0	0	0.001797	0.4880486	45.37780869	0	1.013326645	0	
20-May-24 14:00:00	25.54157448	0.076920735	0.981250436	1.120907151	0	13.38091326	1733584.087	262.730	0.083304	23.140044	0.00032182	0.08939473	0.001701	0.4725170	46.90059769	0.131688891	0.981250436	0	
20-May-24 15:00:00	23.94578954	0.058026923	0.825456487	0.970660192	0	13.28777132	1792768.724	262.900	0.076712	21.309888	0.00025864	0.07184529	0.001406	0.3904326	43.86584287	0.105906311	0.825456487	0	
20-May-24 16:00:00	21.45742418	0.045092194	0.609158858	0.760029189	0	13.32323881	1718148.071	266.221	0.075828	21.062682	0.00021629	0.06006053	0.001047	0.2907291	42.90983881	0.087951651	0.609158858	0	
20-May-24 17:00:00	20.75790974	0.00195164	1.190900445	1.314142704	13.72103024	14.43200429	1273951.782	143.442	0.049657	13.793966	8.184E-06	0.00172858	0.001514	0.4264381	44.44949541	0	1.190900445	29.38614313	
20-May-24 18:00:00	20.497718	0	1.141557932	1.281629105	15.43886205	14.42394257	1249796.266	144.847	0.048197	13.388158	0	0	0.001427	0.3963087	43.81741233	0	1.141557932	33.20227814	
20-May-24 19:00:00	21.81694000	0	0.508794382	0.690006572	0	13.25499712	1673688.913	263.479	0.068147	18.929677	0	0	0.000903	0.2507636	39.15463966	0	0.508794382	0	
20-May-24 20:00:00	21.93708229	0	0.525372145	0.660373926	0	13.24387074	1660418.65	260.972	0.068548	19.040442	0	0	0.000873	0.2423741	39.70933914	0	0.525372148	0	
20-May-24 21:00:00	21.93700436	0	0.694181661	0.82931757	0	13.29060459	1701961.078	266.373	0.070247	19.513103	0	0	0.001181	0.3281969	39.94604547	0	0.694181661	0	
20-May-24 22:00:00	19.22433472	0	0.870568915	1.010800302	2.761140979	13.60600739	1560171.143	226.582	0.056087	15.574261	0	0	0.001350	0.3749213	37.52488541	0	0.870568915	5.475637759	
20-May-24 23:00:00	21.96207696	0.001634294	0.67513296	0.806612833	0	13.29070812	1749306.176	264.294	0.072247	20.068826	7.5015E-06	0.00208375	0.001183	0.3285451	39.95782024	0	0.67513296	0	
21-May-24 00:00:00	20.96104813	0.001104307	0.960516036	1.104487062	3.890580752	14.00253459	1376095.337	184.129	0.054288	15.074329	3.8777E-06	0.00110493	0.001322	0.3671580	42.09220123	0.004469726	0.960516036	7.511107322	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-24 01:00:00	21.08778526	0.000312676	0.78242135	0.920020279	0	13.31769513	1589256.644	257.542	0.068957	18.690683	1.3826E-06	0.00038405	0.001322	0.3671424	39.10610733	0	0.78242135	0	
21-May-24 02:00:00	21.27124786	0	0.810576752	0.753703919	0	13.46687603	1656566.77	262.620	0.066312	18.419073	0	0	0.001027	0.2851756	39.56575012	0.006604031	0.810576752	0	
21-May-24 03:00:00	20.44737053	0	0.487048658	0.624969707	0	13.25373863	1900604.256	264.244	0.069278	19.243881	0	0	0.000877	0.2436413	37.1027298	0.006409075	0.487048658	0	
21-May-24 04:00:00	21.0381031	0	0.630902462	0.717526235	0	13.2526226	1718927.612	262.122	0.068037	18.899670	0	0	0.001084	0.3010522	38.79865136	0	0.630902462	0	
21-May-24 05:00:00	20.79533004	0	0.67514206	0.796077703	0	13.23879719	1713722.9	258.158	0.067851	18.825320	0	0	0.001157	0.3213807	37.83147354	0	0.67514206	0	
21-May-24 06:00:00	20.67420973	0	0.74099732	0.590355412	0	13.34979406	1706576.05	263.690	0.067022	18.817096	0	0	0.001265	0.3512500	37.78153229	0	0.74099732	0	
21-May-24 07:00:00	21.30506134	0.002365108	1.109358072	1.253103144	11.47064304	14.35169501	1312711.182	145.917	0.052618	14.615007	8.1266E-06	0.00225746	0.001456	0.4045155	45.84211426	0	1.109358072	24.17140901	
21-May-24 08:00:00	21.89145775	0	1.006470799	1.163595557	9.42430428	14.29781565	1279279.687	150.922	0.052167	14.490746	0	0	0.001287	0.3573750	45.60360507	0	1.006470799	17.61776689	
21-May-24 09:00:00	22.29033069	0.00453216	0.804134966	0.945159979	0.613319063	13.38554516	1684683.057	250.051	0.070859	19.627406	1.9888E-05	0.00555231	0.001355	0.3763538	41.11587851	0	0.804134966	0	
21-May-24 10:00:00	21.78704597	0.073142807	1.653458549	1.791288038	7.770101547	14.28429508	1280723.389	145.464	0.052449	14.569052	0.00024523	0.06811984	0.002115	0.5882290	45.52339584	0.153046727	1.653458549	16.98827934	
21-May-24 11:00:00	20.95182228	0.002460024	1.260093699	1.409418126	5.925384925	14.13851002	1335328.404	164.295	0.052638	14.622653	8.6306E-06	0.00239737	0.001669	0.4637149	42.73094589	0	1.260093699	11.9808712	
21-May-24 12:00:00	20.51088715	0	1.471523898	1.648066878	16.97237968	14.39315033	1239590.426	143.820	0.047834	13.287338	0	0	0.001824	0.5067236	43.33709826	0	1.471523898	34.05872872	
21-May-24 13:00:00	20.43184063	0	0.990457727	1.150425259	1.859290722	13.74003124	1619651.021	239.503	0.062106	17.251629	0	0	0.001600	0.4445169	39.66242218	0.001374879	0.990457727	3.012892798	
21-May-24 14:00:00	20.43058349	0	0.958797493	1.08614409	0	13.29609712	1673976.342	260.989	0.064344	17.873372	0	0	0.001600	0.4444383	37.18380382	0	0.958797493	0	
21-May-24 15:00:00	19.73096131	0.055977698	1.452030779	1.595005096	24.86397824	14.47125484	1224779.663	140.858	0.045466	12.629392	0.00017946	0.04985074	0.001778	0.4940049	42.48278427	0.120549835	1.452030779	53.59473327	
21-May-24 16:00:00	20.95044159	0.019762768	1.336825371	1.478123784	13.80828094	14.38879881	1244345.093	143.881	0.049079	13.630667	6.4371E-05	0.01788081	0.001663	0.4620756	44.54329025	0.060906883	1.336825371	29.47488973	
21-May-24 17:00:00	19.78017807	0.027725889	0.872363758	0.825004101	0	13.30569267	1711049.605	280.867	0.063675	17.687817	3.4001E-05	0.00961151	0.001150	0.3195659	36.79901758	0.001264067	0.872363758	0	
21-May-24 18:00:00	21.0901165	0.000704103	0.709983826	0.648377109	0	13.25535892	1692383.647	288.051	0.067151	18.653019	3.1161E-06	0.00086642	0.001202	0.3337841	38.37085876	0.001280393	0.709983826	0	
21-May-24 19:00:00	20.39036751	0	1.046737194	1.189130187	0	13.28141669	1697159.18	284.487	0.065107	18.085233	0	0	0.001779	0.4934066	37.78184215	0	1.046737194	0	
21-May-24 20:00:00	21.41845987	0.040130959	1.227794886	1.382494588	3.522943497	13.98132088	1406235.729	184.567	0.056666	15.740636	0.00014772	0.04103326	0.001737	0.4706073	42.80094364	0.083900027	1.227794886	7.171160758	
21-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-May-24 10:00:00	23.425457	0.00522183	0.974639416	1.109317432	0	13.55621565	1538834.706	227.588	0.067611	18.830494	2.1031E-05	0.00584194	0.001500	0.4166589	44.20522634	0.011671599	0.974639416	0.015618946	
23-May-24 11:00:00	23.8128674	0.039027918	0.943146706	1.097834826	0	13.24812984	1748156.151	259.724	0.078320	21.755449	0.00017859	0.04960757	0.001649	0.4579008	43.14527912	0.07092765	0.943146706	0	
23-May-24 12:00:00	21.93025208	0.039615132	0.940009534	1.107186075	0	13.25512695	1700475.506	256.150	0.070181	19.489042	0.00017633	0.04898129	0.001599	0.4440178	38.74371719	0.07222043	0.940009534	0	
23-May-24 13:00:00	21.208498	0	1.374519587	1.524398623	11.33653069	14.49310689	1295351.583	143.450	0.051685	14.357342	0	0	0.001780	0.4945790	45.81597081	0	1.374519587	34.52025796	
23-May-24 14:00:00	21.30626259	0	1.272766657	1.427316427	9.688617978	14.41660695	1232153.931	144.057	0.049190	13.656430	0	0	0.001568	0.4356344	45.27978134	0	1.272766657	30.62231259	
23-May-24 15:00:00	21.0780735	0.002303094	1.301148772	1.441375732	11.77678759	14.41956815	1264359.79	145.697	0.050151	13.930962	7.6241E-06	0.0021178	0.001646	0.4570863	45.34587596	0.000316573	1.301148772	25.50115204	
23-May-24 16:00:00	21.43549919	0.158542256	1.38257674	1.911030674	10.60431194	14.37158012	1245440.855	146.174	0.050227	13.951959	0.00051034	0.14176053	0.001697	0.4714281	45.45130539	0.336605357	1.38257674	22.74133017	
23-May-24 17:00:00	21.75076773	0.090369237	1.360065690	1.507851958	9.352833748	14.3457813	1236072.266	144.060	0.050587	14.050615	0.00029330	0.0814697	0.001691	0.4690832	45.92950439	0.191611671	1.360065690	19.76835714	
23-May-24 18:00:00	21.61325547	0.000134047	1.401728511	1.520379585	9.424902581	14.38275291	1243694.214	144.639	0.050572	14.047650	4.3630E-07	0.00012122	0.001743	0.4942600	45.76046259	0	1.401728511	19.89057133	
23-May-24 19:00:00	21.80038452	0.13179481	1.210986945	1.351680195	0.011640091	13.34356117	1665535.449	256.328	0.068447	19.013153	0.00057572	0.15992282	0.002021	0.5613674	39.9833074	0.241456257	1.210986945	0	
23-May-24 20:00:00	21.37958122	0.011958314	1.397545815	1.531188726	9.92997961	14.30691647	1262738.381	144.848	0.050541	14.067007	3.8417E-05	0.01094065	0.001790	0.4888453	46.22086334	0.018780209	1.397545815	21.07165337	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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31-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	17.97	0.00	0.48	0.59	0.00	13.19	1 203 548.93	140.29	0.05	12.83	0.00	0.00	0.00	0.23	35.37	0.00	0.48	0.00	
Maximum	29.35	0.26	1.65	1.82	24.87	14.61	1 800 558.50	275.62	0.10	25.88	0.00	0.23	0.00	3.56	54.41	0.58	1.68	53.59	
Avg	22.17	0.08	1.09	1.15	5.26	13.89	1 478 905.73	201.15	0.08	17.25	0.00	0.00	0.00	2.40	43.93	0.12	1.06	11.21	
sum									10.87		0.07		0.48						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-24 01:00:00	17.959	0.000	1.114	1.119	0.000	13.334	1509895.435	256.485	0.057187	15.885256	0	0	0.001882	0.5227284	32.950	0.000	1.114	0.000	
01-May-24 02:00:00	19.405	0.000	1.187	1.187	10.911	14.079	1161940.674	144.781	0.042429	11.783316	0	0	0.001356	0.3767811	39.401	0.000	1.187	21.932	
01-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 13:00:00	21.735	0.000	2.065	2.096	0.711	13.384	1881850.693	250.187	0.080833	22.100900	0	0	0.003432	0.9533186	47.547	0.002	2.065	1.704	
01-May-24 14:00:00	24.943	0.000	1.299	1.304	0.000	13.395	1859522.339	249.765	0.077877	21.632381	0	0	0.002155	0.5987433	46.045	0.002	1.299	0.000	
01-May-24 15:00:00	19.611	0.000	1.620	1.637	8.357	14.300	1266837.980	148.829	0.046739	12.983163	0	0	0.002052	0.5699286	41.133	0.002	1.620	17.593	
01-May-24 16:00:00	24.450	0.000	1.431	1.442	0.000	13.508	1807899.170	257.437	0.083104	23.101136	0	0	0.002588	0.7187857	45.853	0.000	1.431	0.000	
01-May-24 17:00:00	23.952	0.000	1.249	1.259	0.000	13.435	1777853.281	253.884	0.078811	21.892073	0	0	0.002221	0.6168332	43.751	0.000	1.249	0.000	
01-May-24 18:00:00	23.947	0.000	1.181	1.181	0.000	13.424	1822790.618	265.297	0.080752	22.431116	0	0	0.002153	0.5979028	43.923	0.000	1.181	0.000	
01-May-24 19:00:00	22.980	0.000	1.145	1.160	0.000	13.376	1732951.762	255.354	0.074924	20.812135	0	0	0.001983	0.5509645	42.334	0.000	1.145	0.000	
01-May-24 20:00:00	23.160	0.000	1.181	1.190	0.002	13.379	1774342.854	255.497	0.077314	21.476038	0	0	0.002098	0.5822577	42.686	0.000	1.181	0.000	
01-May-24 21:00:00	23.228	0.000	1.276	1.289	0.000	13.427	1792810.425	258.652	0.078349	21.763549	0	0	0.002287	0.6352678	43.077	0.000	1.276	0.000	
01-May-24 22:00:00	21.619	0.000	1.429	1.439	0.000	13.406	1796876.221	257.551	0.073046	20.290529	0	0	0.002566	0.7127350	39.975	0.000	1.429	0.000	
01-May-24 23:00:00	21.217	0.000	1.365	1.379	0.000	13.376	1742004.781	255.541	0.069535	19.315962	0	0	0.002376	0.6604681	39.082	0.000	1.365	0.000	
02-May-24 00:00:00	20.442	0.000	1.203	1.209	0.000	13.331	1769465.688	257.565	0.068821	19.116069	0	0	0.002153	0.5980960	37.403	0.000	1.203	0.000	
02-May-24 01:00:00	18.590	0.000	1.081	1.098	0.000	13.293	1739063.457	259.890	0.060343	16.761886	0	0	0.001909	0.5196064	33.791	0.000	1.081	0.000	
02-May-24 02:00:00	18.271	0.000	1.151	1.160	0.000	13.307	1759613.847	264.782	0.060455	16.802148	0	0	0.002026	0.5627883	33.353	0.000	1.151	0.000	
02-May-24 03:00:00	18.008	0.000	1.216	1.205	0.000	13.312	1736209.106	262.603	0.058824	16.339872	0	0	0.002110	0.5858860	32.906	0.000	1.216	0.000	
02-May-24 04:00:00	19.347	0.000	1.208	1.221	10.392	14.132	1136719.238	144.423	0.041365	11.490397	0	0	0.001373	0.3813485	36.586	0.000	1.208	21.193	
02-May-24 05:00:00	18.468	0.000	1.424	1.438	12.741	14.089	1138209.473	148.153	0.040520	11.255443	0	0	0.001660	0.4612119	37.547	0.000	1.424	26.990	
02-May-24 06:00:00	19.052	0.000	1.437	1.440	10.952	14.096	1125655.654	143.492	0.040367	11.212948	0	0	0.001618	0.4493740	38.309	0.000	1.437	22.482	
02-May-24 07:00:00	20.412	0.000	1.243	1.254	5.096	13.937	1107416.771	163.634	0.041984	12.773418	0	0	0.001488	0.4134056	42.502	0.000	1.243	10.204	
02-May-24 08:00:00	17.970	0.000	1.487	1.471	4.947	13.623	1597163.940	223.921	0.053966	14.990317	0	0	0.002343	0.6508400	35.147	0.000	1.487	9.456	
02-May-24 09:00:00	18.577	0.000	1.151	1.173	0.000	13.263	1705130.737	256.849	0.058597	16.554675	0	0	0.001963	0.5452709	33.709	0.000	1.151	0.000	
02-May-24 10:00:00	20.13490877	0	1.24436295	1.253956856	0	13.27258662	1778452.637	257.345	0.067371	18.714670	0	0	0.002213	0.6147335	36.57668322	0	1.24436295	0	
02-May-24 11:00:00	21.32257596	0	1.237892909	1.256283629	0.00E+00	13.37658405	1731295.532	250.144	0.069486	19.295887	0	0	0.002143	0.5953216	39.28102084	0	1.237892909	0.00E+00	
02-May-24 12:00:00	19.78458977	0	1.090405583	1.099415852	1.217964903	13.99397087	1538750.368	202.954	0.057276	15.910055	0	0	0.001978	0.4660728	39.6045892	0	1.090405583	2.58970046	
02-May-24 13:00:00	22.45492744	0.00E+00	1.335808992	1.547387079	0	13.43518632	1788563.526	254.344	0.075477	20.965618	0	0	0.002387	0.6629299	41.87376382	0	1.335808992	0	
02-May-24 14:00:00	23.30390677	0.00E+00	1.401891706	1.40816927	0	13.39913111	1650454.224	262.317	0.080983	22.450634	0	0	0.002566	0.7128652	43.4160347	0	1.401891706	0	
02-May-24 15:00:00	23.49817457	0	1.375779985	1.382829454	0	13.48162658	1785816.43	253.907	0.078927	21.924291	0	0	0.002456	0.6822791	43.88722229	0	1.375779985	0	
02-May-24 16:00:00	24.07602119	0	1.302654862	1.31417054	0	13.48845959	1748586.304	259.263	0.079205	22.991296	0	0	0.002278	0.6327235	45.00468063	0	1.302654862	0	
02-May-24 17:00:00	25.14871979	0	1.177598834	1.190494637	0	13.43823788	1758810.791	258.506	0.083075	23.076507	0	0	0.002068	0.5743447	46.08042756	0	1.177598834	0	
02-May-24 18:00:00	20.94286017	0	1.160963545	1.162901643	7.981093794	14.29309177	1164611.084	143.620	0.046676	12.965403	0	0	0.001363	0.3787346	43.88700104	0	1.160963545	16.92869842	
02-May-24 19:00:00	20.34930038	0	1.158393741	1.168154578	1.833288812	13.91982684	1434147.461	192.291	0.054906	15.251793	0	0	0.001661	0.4614743	40.36077881	0	1.158393741	3.837320614	
02-May-24 20:00:00	20.67168427	0	1.340843773	1.358184615	0	13.38794805	1740302.612	253.450	0.067603	18.600533	0	0	0.002156	0.5996455	38.10749094	0	1.240840773	0	
02-May-24 21:00:00	20.06714249	0.00E+00	1.177563071	1.224910875	0	13.15490894	1720045.654	250.020	0.064839	18.038065	0	0	0.002025	0.5626284	36.34965134	0.00E+00	1.177563071	0	
02-May-24 22:00:00	19.81620028	0.00E+00	1.245114207	1.209714749	0	13.36008306	1751617.319	264.618	0.065314	18.142642	0	0	0.002181	0.6058131	36.40683366	0	1.245114207	0	
02-May-24 23:00:00	18.8158328	0	1.207817793	1.21671164	0	13.3281002	1771944.214	261.106	0.063727	17.424675	0	0	0.002140	0.5944960	34.44062612	0	1.207817793	0	
03-May-24 00:00:00	18.26124654	0	1.115983824	1.132669313	0	13.20281666	1729581.066	262.231	0.058390	16.487318	0	0	0.001930	0.5361405	33.11688905	0	1.116583824	0	
03-May-24 01:00:00	17.61479378	0.00E+00	1.24664402	1.252771654	0	13.26268128	1749488.136	263.550	0.057979	16.105186	0	0	0.002131	0.6058303	31.97271188	0.00E+00	1.24664402	0	
03-May-24 02:00:00	17.23554039	0	1.243069914	1.249372905	0	13.31012617	1733917.456	263.473	0.055872	15.519678	0	0	0.002142	0.5949627	31.47402763	0	1.243069914	0	
03-May-24 03:00:00	17.83588696	0	1.152542949	1.159881115	0	13.25890158	1750562.066	262.187	0.058745	16.318057	0	0	0.002016	0.5604762	32.34828768	0	1.152542949	0	
03-May-24 04:00:00	18.07312584	0	1.435797095	1.443106905	14.7668279	14.04004088	1239908.657	138.508	0.037483	10.411808	0	0	0.001780	0.4943591	32.45002747	0	1.435797095	30.1379915	
03-May-24 05:00:00	18.44847728	0	1.334426999	1.334706667	13.74895763	14.156353	1168444.728	142.293	0.040485	11.246077	0	0	0.001567	0.4323789	37.88528096	0	1.334426999	28.15887067	
03-May-24 06:00:00	18.3625164	0	1.403749095	1.410408113	14.81365585	14.15610813	1162146.68	142.854	0.040149	11.152451	0	0	0.001631	0.4531558	37.70927428	0	1.403749095	30.65454592	
03-May-24 07:00:00	18.63308317	0	1.436811024	1.445334911	12.65000843	14.12776788	1128800.537	148.059	0.039576	10.993211	0	0	0.001622	0.4505308	38.10179138	0	1.436811024	25.67761002	
03-May-24 08:00:00	19.3684845	0	1.262165427	1.263542514	8.335958481	14.07187929	1191650.83	146.757	0.043431	12.064075	0	0	0.001504	0.4178847	39.28258133	0	1.262165427	16.8074694	
03-May-24 09:00:00	18.90954628	0	1.200693846	1.238028661	0	13.57331685	1700057.129	258.613	0.058411	16.503111	0	0	0.002048	0.5696145	33.90357308	0	1.200693846	0	
03-May-24 10:00:00	19.21357019	0	1.178139687	1.188135147	0	13.29781246	1747837.637	261.819	0.063178	17.540330	0	0	0.002050	0.5719059	35.02665682	0	1.178139687	0	
03-May-24 11:00:00	20.54868153	0	1.382558607	1.390724511	0	13.32808345	1750266.724	262.705	0.067241	18.678926	0	0	0.002370	0.6582922	37.6028598	0	1.382558607	0	
03-May-24 12:00:00	23.06483256	0	1.274709105	1.283343077	0	13.38903618	1603328.491	249.805	0.072147	20.040963	0	0	0.002120	0.5889611	42.51006317	0	1.274709105	0	
03-May-24 13:00:00	22.36222839	0	1.37574482	1.395685238	0	13.43164616	1731047.607	262.134	0.072629	20.238218	0	0	0.002381	0.6615222	41.48020007	0	1.37574482	0	
03-May-24 14:00:00	23.3412282	0	1.424911976	1.440805868	0	13.44900349	1773714.8	262.515	0.077557	21.543648	0	0	0.002527	0.7020520	43.22048969	0	1.424911976	0	
03-May-24 15:00:00	24.3639183	0	1.50831604	1.595751472	0	13.42849150	1766576.776	262.840	0.080990	22.497271	0	0	0.002665	0.7402901	45.17702484	0	1.50831604	0	
03-May-24 16:00:00	24.4442215	0	1.405149268	1.400302116	0	13.41257581	1724751.631	260.683	0.079320	22.033287	0	0	0.002425	0.6736829	45.24473953	0	1.400149268	0	
03-May-24 17:00:00	24.75485798	0	1.337534921	1.358469498	0	13.43581676	1706701.782	249.789	0.079423	22.061931	0	0	0.002283	0.6341511	45.90321402	0	1.337534921	0	
03-May-24 18:00:00	21.78401866	0	1.195533091	1.200913032	4.507610474	14.27077007	1223819.438	141.518	0.050157	13.932588	0	0	0.001463	0.4064216	45.42330294	0	1.195533091	9.467207282	
03-May-24 19:00:00	27.12763977	0	1.171069741	1.18051782	0	13.32284737	1737425.903	263.033	0.072330	20.091754	0	0	0.002035	0.5651797	40.47106789	0	1.171069741	0	
03-May-24 20:00:00	24.1726093	0	1.08228302	1.10960461	0.092316033	13.47212696	1867008.104	230.678	0.075379	20.938787	0	0	0.001793	0.4981527	45.08420683	0	1.08228302	0	
03-May-24 21:00:00	21.38091939	0	1.146744809	1.183585067	0	13.36606666	1693162.231	258.964	0.068138	18.927106	0	0	0.001942	0.5393492	39.28124619	0	1.146744809	0	
03-May-24 22:00:00	17.65002632	0	1.370267657	1.382415862	4.040265782	13.89581776	1618695.879	201.453	0.050364	13.990382	0	0	0.002078	0.5773082	34.90349197	0	1.370267657	9.470300574	
03-May-24 23:00:00	19.93179226	0	1.619556693	1.63763392	11.4176331	14.04460999	1483042.847	185.019	0.042954	11.931644	0	0	0.002321	0.6448624	39.18445268	0	1.619556693	33.1624753	
04-May-24 00:00:00	19.02077866	0	1.344780663	1.36255087	11.73054905	14.14171606	1178312.012	143.663	0.042167	11.712817	0	0	0.001585	0.4401617	38.9740715	0	1.344780663	34.11331749	
04-May-24 01:00:00	17.74636078	0	1.184654236	1.197643409	0	13.29081346	1790083.486	264.123	0.058732	16.314442	0	0	0.002064	0.5733827	32.33156987	0	1.184654236	0	
04-May-24 02:00:00	18.65161806	0	1.24474144	1.249238325	0	13.33135782	1705228.027	252.470	0.059487	16.524226	0	0	0.002119	0.5881446	34.1553421	0	1.24474144	0	
04-May-24 03:00:00	17.68763379	0	1.215828538	1.224690502	0	13.24118042	1730109.121	254.871	0.057574	15.992711	0	0	0.002104	0.5843066	32.02326584	0	1.215828538	0	
04-May-24 04:00:00	17.45433917	0	1.223982315	1.227537036	0	13.25350625	1745311.58	254.502	0.057313	15.920359	0	0	0.002136	0.5933874	31.6401482	0	1.223982315	0	
04-May-24 05:00:00	18.42787697	0	1.11960212	1.134785277	1.901906895	13.75583744	1372815.185	189.516	0.050127	13.924082	0	0	0.001537	0.4270089	37.64426041	0	1.11960212	2.874345834	
04-May-24 06:00:00	17.77895991	0	1.325021386	1.342566642	0	13.27856445	1711329.349	263.139	0.057236	15.898927	0	0	0.002268	0.6298744	32.32327704	0	1.325021386	0	
04-May-24 07:00:00	18.97823504	0.00E+00	1.283402086	1.286325269	9.618167519	14.12533185	1173780.913	144.127	0.041967	11.661644	0	0	0.001509	0.4191970	38.78134537	0.00E+00	1.283402088	20.08738038	
04-May-24 08:00:00	16.08834227	0	1.532793992	1.576630905	9.0675354	13.90174294	1527436.401	199.155	0.045176	12.828574	0	0	0.002341	0.6503438	31.80014992	0	1.532793999	17.95193972	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-24 09:00:00	18.44716724	0	1.173460126	1.175629536	0	13.26817759	1748823.384	256.396	0.060595	16.897628	0	0	0.002046	0.5684187	33.94349703	0	1.173460126	0	
04-May-24 10:00:00	18.09030569	0	1.158048391	1.161901037	4.378047421	13.90809447	1404829.309	183.456	0.047813	13.251468	0	0	0.001627	0.4510653	36.28076947	0	1.158048391	9.120130636	
04-May-24 11:00:00	19.82000307	0	1.180478454	1.190402745	0	13.24845123	1735916.335	263.674	0.064685	17.966143	0	0	0.002048	0.5692282	35.85078738	0	1.180478454	0	
04-May-24 12:00:00	21.27506065	0	1.197799921	1.207473861	0	13.7695036	1718496.728	261.080	0.068786	19.107142	0	0	0.002658	0.5717817	38.8401309	0	1.197799921	0	
04-May-24 13:00:00	20.97841454	0	1.379945307	1.385930692	0	13.35606194	1750030.684	261.798	0.069071	19.186460	0	0	0.002415	0.6706186	38.54037476	0	1.379945307	0	
04-May-24 14:00:00	22.35824654	0	1.245948838	1.27968145	0	13.35587911	1782862.793	258.674	0.074254	20.626082	0	0	0.002198	0.6106110	41.11378479	0	1.245948838	0	
04-May-24 15:00:00	18.85243018	0	1.34058836	1.348097824	3.175910839	14.02270031	1431110.596	180.358	0.048952	13.876873	0	0	0.001918	0.5328378	37.38261749	0	1.34058836	6.518153191	
04-May-24 16:00:00	21.74981853	0	1.150037269	1.165947403	0	13.39239979	1672351.563	251.654	0.068432	18.008843	0	0	0.001923	0.5342407	40.1438743	0	1.150037269	0	
04-May-24 17:00:00	21.65571022	0	1.160592914	1.159264139	0.009625909	13.41492844	1702329.102	250.575	0.069358	19.266035	0	0	0.001976	0.5488000	40.1036208	0	1.160592914	0	
04-May-24 18:00:00	18.80960097	0.00E+00	1.225037098	1.247519752	9.380851021	14.25412941	1189710.327	143.651	0.043882	12.192322	0	0	0.001457	0.4048442	40.84622956	0.00E+00	1.225037098	19.53893006	
04-May-24 19:00:00	21.74160519	0	1.321100118	1.318762896	0.220061303	13.70697594	1646190.785	237.015	0.067336	18.704415	0	0	0.002175	0.6041027	41.97405396	0	1.321100118	0.468462199	
04-May-24 20:00:00	19.0259265	0	1.185504702	1.195502646	0	13.38045683	1737054.658	258.703	0.062178	17.271728	0	0	0.002059	0.5720337	35.08158156	0	1.185524702	0	
04-May-24 21:00:00	19.1162806	0	1.411517431	1.431973934	0.071050588	13.30323097	1691578.833	254.292	0.060905	16.918121	0	0	0.002388	0.6634282	35.3084290	0	1.411617431	0.04749934	
04-May-24 22:00:00	19.58072682	0	1.359309780	1.382178783	0	13.30184814	1738403.809	264.785	0.063746	17.787318	0	0	0.002370	0.6582263	35.70816531	0	1.359309788	0	
04-May-24 23:00:00	20.78208542	0	1.340133071	1.348865968	5.340911825	14.11897414	1174911.743	144.339	0.045938	12.760592	0	0	0.001575	0.4373717	42.44827271	0	1.340133071	10.76945929	
05-May-24 00:00:00	19.80555534	0	1.173484602	1.188223958	2.828905092	13.95923655	1381997.065	182.697	0.051491	14.303080	0	0	0.001822	0.4504444	38.96081707	0	1.173484602	5.400815311	
05-May-24 01:00:00	18.117342	0	1.19340539	1.199254232	0	13.29670093	1793528.442	263.157	0.058066	16.129479	0	0	0.002033	0.5647222	33.02875934	0	1.19340539	0	
05-May-24 02:00:00	17.81681587	0	1.225840449	1.251747251	0	13.30682237	1725475.342	250.740	0.057189	15.885830	0	0	0.002115	0.5875437	32.14936829	0	1.225840449	0	
05-May-24 03:00:00	19.34001541	0	1.39706254	1.412645028	0.989569961	13.55848422	1530427.612	220.705	0.056686	15.469424	0	0	0.002138	0.5939175	36.4925499	0	1.39706254	1.153911648	
05-May-24 04:00:00	19.10608215	0	1.305710318	1.319169402	3.0352533	13.8725011	1426819.336	190.006	0.051931	14.314109	0	0	0.001867	0.5185918	37.75648117	0	1.305710316	5.818856730	
05-May-24 05:00:00	17.35594358	0	1.243636489	1.297258605	0	13.24878311	1721289.033	265.199	0.056265	15.612445	0	0	0.002141	0.5948168	31.44102097	0	1.243636489	0	
05-May-24 06:00:00	17.52265281	0	1.307729602	1.30038531	0	13.21217166	1747358.445	264.261	0.057635	16.065326	0	0	0.002285	0.6347416	31.71863747	0	1.307729602	0	
05-May-24 07:00:00	18.57901162	0	1.358734965	1.368373684	16.39476299	14.27896069	1183307.861	155.312	0.041362	11.488386	0	0	0.001608	0.4466116	38.85926819	0	1.358734965	32.20284816	
05-May-24 08:00:00	18.5807312	0	1.481159772	1.487208862	11.47554688	14.1254193	1114504.348	143.764	0.038858	10.794152	0	0	0.001629	0.4523918	37.94270706	0	1.481159772	23.40300289	
05-May-24 09:00:00	18.56144266	0	1.116809412	1.130687542	9.558698082	14.11768246	1211008.838	167.255	0.042973	11.937975	0	0	0.001352	0.3756173	38.50928497	0	1.116809812	19.70375411	
05-May-24 10:00:00	18.52629126	0	1.287279891	1.309300423	11.75206661	14.18871348	1184858.521	144.033	0.041296	11.471180	0	0	0.001525	0.4236787	38.24259188	0	1.287278891	23.94629097	
05-May-24 11:00:00	19.13819159	0	1.309709907	1.319911122	14.48407032	14.30519199	1218021.831	144.748	0.043676	12.132173	0	0	0.001589	0.4413061	40.17194748	0	1.309709907	30.35114288	
05-May-24 12:00:00	21.44798851	0	1.335462689	1.353713781	5.609582848	14.24448015	1132784.098	142.473	0.047728	13.257789	0	0	0.001580	0.4387678	44.51238098	0	1.335462689	11.97694581	
05-May-24 13:00:00	20.54002953	0	1.241570692	1.260075424	7.08569281	14.30729886	1132677.002	142.195	0.043771	12.158891	0	0	0.001405	0.3906381	43.13092504	0	1.241570692	14.65759165	
05-May-24 14:00:00	20.83521194	0	1.396413705	1.409818828	6.756918438	14.27651787	1130397.461	145.497	0.045564	12.934407	0	0	0.001678	0.4662370	43.13139681	0	1.396413705	13.91348096	
05-May-24 15:00:00	21.23240623	0	1.396216989	1.411835863	7.308276593	14.34191508	1158545.775	142.791	0.046690	12.968716	0	0	0.001632	0.4532985	44.81581497	0	1.396216989	15.6658287	
05-May-24 16:00:00	20.63794899	0	1.350414872	1.371522506	8.054866619	14.37348833	1161097.9	144.136	0.045163	12.523190	0	0	0.001568	0.4355455	43.45103888	0	1.350414872	17.06601601	
05-May-24 17:00:00	20.72803497	0	1.381280084	1.381358604	7.807720184	14.32386848	1198182.007	142.470	0.046726	12.979483	0	0	0.001651	0.4530726	43.64144135	0	1.381280084	16.58894539	
05-May-24 18:00:00	19.44889314	0	1.266564708	1.291048666	9.877241135	14.2214469	1212840.674	141.376	0.044387	12.329329	0	0	0.001540	0.4278530	40.31108188	0	1.266564728	20.36354705	
05-May-24 19:00:00	19.42743583	0	1.054360151	1.069766973	8.412548019	14.14127541	1227419.434	148.913	0.044883	12.481920	0	0	0.001294	0.3594838	39.402948	0	1.054360151	17.2496891	
05-May-24 20:00:00	18.1453495	0.00E+00	1.125715298	1.125920773	18.58388062	14.29729847	1240586.792	159.234	0.042352	11.764378	0	0	0.001307	0.3679299	37.86340332	0	1.126715298	38.72279739	
05-May-24 21:00:00	19.44013786	0	1.143170714	1.151925584	0	13.28169806	1747890.137	261.375	0.063925	17.757632	0	0	0.001968	0.5550380	35.35286926	0	1.143170714	0	
05-May-24 22:00:00	19.67429352	0	1.111733079	1.131359696	0	13.34049225	1762748.779	254.774	0.065242	18.124600	0	0	0.001960	0.5443628	36.06399963	0	1.111733079	0	
05-May-24 23:00:00	20.94808644	0	1.205405951	1.211363564	0.12432909	13.61996007	1592442.749	223.170	0.061563	17.100779	0	0	0.001920	0.5332955	39.06020355	0	1.209405951	0.251024843	
06-May-24 00:00:00	17.03987457	0	1.245311022	1.246623756	7.964332681	14.03987885	1456494.995	189.716	0.048716	12.978739	0	0	0.001813	0.5034944	34.45765835	0	1.245311022	15.92335795	
06-May-24 01:00:00	17.3736812	0	1.334838033	1.346979644	7.168805132	14.02894693	1411404.175	185.227	0.046140	12.816655	0	0	0.001884	0.5233322	35.30732048	0	1.334838033	14.45909577	
06-May-24 02:00:00	17.89883379	0	1.339656009	1.349047422	4.494832993	13.8996585	1407447.822	190.731	0.047390	13.163904	0	0	0.001888	0.5237527	35.44824829	0	1.339656009	9.100170914	
06-May-24 03:00:00	17.44701195	0	1.444046021	1.451473866	8.460082548	13.97862087	1416724.243	182.084	0.046471	12.908512	0	0	0.002044	0.5678809	34.69790726	0	1.444046021	17.03352029	
06-May-24 04:00:00	18.8160717	0	1.307655748	1.334214443	5.513688703	13.86362771	1357950.073	187.078	0.047386	13.162739	0	0	0.001769	0.4915175	36.84541626	0	1.307665248	10.69684776	
06-May-24 05:00:00	18.10290337	0	1.307211041	1.315206755	0	13.30129066	1739448.12	266.220	0.059243	16.456451	0	0	0.002274	0.6318183	33.0095283	0	1.307211041	0	
06-May-24 06:00:00	18.98689415	0	1.370277286	1.379385675	2.144960956	13.42045358	1691429.321	250.778	0.058930	16.369397	0	0	0.002263	0.6285876	35.15606499	0	1.370277286	0	
06-May-24 07:00:00	19.47923088	0.00E+00	1.39654386	1.414130600	11.52497596	14.11985668	1142771.606	143.638	0.041858	11.633428	0	0	0.001596	0.4433141	39.78615062	0.00E+00	1.39654386	23.65892329	
06-May-24 08:00:00	19.08878899	0	1.342930913	1.342798681	11.54626879	14.11758913	1207958.276	162.303	0.043383	12.050787	0	0	0.001622	0.4506217	38.96716164	0	1.342930913	24.07274246	
06-May-24 09:00:00	19.11196709	0	1.385801312	1.386407375	12.28427029	14.16689085	1191260.742	142.857	0.042834	11.898403	0	0	0.001652	0.4588013	39.27271271	0	1.385801312	25.17160958	
06-May-24 10:00:00	19.1063278	0	1.285206996	1.304238819	14.04431438	14.23738384	1214363.721	143.858	0.043658	12.127385	0	0	0.001561	0.4336390	39.70342056	0	1.285336096	29.28744829	
06-May-24 11:00:00	20.80548503	0	1.197865379	1.216051434	5.710443497	14.1058212	1160116.896	145.496	0.046200	12.833465	0	0	0.001414	0.3926719	42.38256836	0	1.197865379	11.91045715	
06-May-24 12:00:00	19.53544425	0	1.20946847	1.21923089	11.27836147	14.22761917	1194484.705	143.064	0.043902	12.194052	0	0	0.001445	0.4012997	40.63651047	0	1.20946847	23.38414958	
06-May-24 13:00:00	20.60038876	0	1.058342959	1.060632966	7.390447659	14.22309182	1148057.736	142.925	0.044406	12.359016	0	0	0.001215	0.3368730	43.68090057	0	1.058342959	15.33545093	
06-May-24 14:00:00	18.55642968	0	1.138087418	1.133427501	4.388660282	14.05953707	1495882.38	197.221	0.051602	14.334022	0	0	0.001699	0.4726734	37.10851889	0	1.138087418	9.008509882	
06-May-24 15:00:00	22.25125839	0	1.186018229	1.18730104	0	13.43871634	1769969.116	260.300	0.073929	20.535029	0	0	0.002094	0.5817877	41.32675552	0	1.186018229	0	
06-May-24 16:00:00	21.07365309	0	1.358259549	1.367431084	7.307254314	14.22332888	1163437.007	142.114	0.045729	12.702576	0	0	0.001578	0.4383873	43.89292008	0	1.358259549	14.88034172	
06-May-24 17:00:00	19.57271565	0	1.401980839	1.413838348	10.35450077	14.24076317	1163216.592	143.487	0.043063	11.962022	0	0	0.001631	0.4530178	40.91579608	0	1.401980839	21.44808678	
06-May-24 18:00:00	19.74769692	0	1.337862372	1.345379591	12.47543907	14.26639938	1190326.504	144.646	0.044224	12.284543	0	0	0.001592	0.4423582	41.22243118	0	1.337862372	25.90124702	
06-May-24 19:00:00	18.710886	0	1.215105653	1.228197798	12.99097626	14.27640783	1225038.896	143.816	0.043476	12.076788	0	0	0.001501	0.4169813	38.8117981	0	1.219105653	26.97187206	
06-May-24 20:00:00	19.48423195	0	1.130598519	1.136787268	2.648687095	13.94446584	1580177.49	218.088	0.057925	16.090355	0	0	0.001787	0.4967620	38.78789795	0	1.130596519	5.401877403	
06-May-24 21:00:00	20.10081156	0	1.111297383	1.129845081	0	13.31695649	1712980.229	253.810	0.064780	17.994348	0	0	0.001904	0.5287882	36.72224808	0	1.111297369	0	
06-May-24 22:00:00	19.34243202	0.00E+00	1.113170981	1.122221331	0	13.31474876	1667970.703	258.266	0.060690	16.860714	0	0	0.001857	0.5157092	35.33988053	0.00E+00	1.113172081	0	
06-May-24 23:00:00	18.69735148	0.00E+00	1.159911384	1.132659967	0	13.29137811	1728170.898	261.509	0.060792	16.886640	0	0	0.002005	0.5569125	34.0758755	0	1.159911394	0	
07-May-24 00:00:00	19.79681015	0	0.968422771	0.973918857	6.600661278	14.13369474	1164058.929	144.337	0.043357	12.043643	0	0	0.001127	0.3131473	40.50746444	0	0.968422771	13.49446774	
07-May-24 01:00:00	18.79772766	0.00E+00	1.118277311	1.127772012	0	13.28073102	1741603.921	255.788	0.061604	17.112106	0	0	0.001945	0.5410896	34.19392398	0	1.118277311	0	
07-May-24 02:00:00	20.48727228	0	1.025122640	1.030747836	4.35760355	14.00277339	1272227.417	169.444	0.049037	13.621513	0	0	0.001304	0.3622748	41.17237854	0	1.025122643	8.929970427	
07-May-24 03:00:00	18.55492390	0	1.387779474	1.410910866	13.51661791	14.12689044	1161239.043	144.839	0.041260	11.461054	0	0	0.001612	0.4478636	38.08883712	0	1.387779474	27.64918137	
07-May-24 04:00:00	18.66497939	0	1.399813142	1.409637702	13.96580696	14.17873287	1128848.389	143.992	0.039640	11.011930	0	0	0.001580	0.4388753	38.45728613	0	1.399813142	28.93002981	
07-May-24 05:00:00	18.51507361	0	1.384307504	1.406764088	14.9592544	14.18987061	1156915.796	144.565	0.040516	11.254580	0	0	0.001601	0.4448302	38.38518236	0	1.384307504	30.86950539	
07-May-24 06:00:00	18.59332505	0.00E+00	1.434828877	1.43130968	12.43108177	14.14265251	1140273.193	144.780	0.040213	11.170183	0	0	0.001640	0.4556871	38.31002241	0	1.434828877	25.46656417	
07-May-24 07:00:00	18.52023303	0	1.428261624	1.438387907	12.22829914	14.14497312	1120930.491	144.537	0.039077	10.854792	0	0	0.001601	0.4447232	37.97358675	0	1.428281624	25.12220973	
07-May-24 08:00:00	18.14092654	0	1.434526205	1.444550545	14.84363666	14.1614101	1170609.57	145.046	0.039969	11.099076	0	0	0.001680	0.4665436	37.22329712	0	1.434626205	30.16528702	
07-May-24 09:00:00	19.74946023	0	1.285711189	1.303286439	10.841926	14.1018219	1138028.611	140.314	0.042285	11.745841	0	0	0.001483	0.4064371	40.72713089	0	1.285711169	22.21458733	
07-May-24 10:00:00	19.92256083	0	1.437202218	1.457638969	12.43975087	14.19254817	1175890.799	143.294	0.044269	12.279558	0	0	0.001695	0.4708469	41.13461322	0	1.437202218	25.59512138	
07-May-24 11:00:00	19.33143234	0	1.559145404	1.572319866	14.04097850	14.17366791	1179113.159	142.921	0.042884	11.912310	0	0	0.001835	0.5106965	39.63088425	0	1.559146404	35.90797997	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
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13-May-24 07:00:00	18.328	0.000	1.143	1.166	0.171	13.177	1736700.482	371.225	0.069562	16.542103	0	0	0.001985	0.5514438	32.706	0.000	1.143	0.152	
13-May-24 08:00:00	19.268	0.000	0.991	1.004	0.001	13.233	1783037.022	370.610	0.064988	17.963283	0	0	0.001768	0.4911111	34.620	0.000	0.991	0.001	
13-May-24 09:00:00	19.334	0.000	0.935	0.939	0.001	13.293	1758178.203	359.172	0.063952	17.764827	0	0	0.001645	0.4570117	35.328	0.000	0.938	0.000	
13-May-24 10:00:00	19.665	0.000	1.160	1.184	0.001	13.308	1724843.872	356.130	0.063450	17.827989	0	0	0.002000	0.5555669	35.684	0.000	1.160	0.000	
13-May-24 11:00:00	21.458	0.000	1.309	1.319	0.001	13.344	1773972.868	353.643	0.071719	19.921930	0	0	0.002323	0.6452693	39.417	0.000	1.309	0.000	
13-May-24 12:00:00	21.414	0.000	1.284	1.285	0.000	13.386	1689108.987	356.792	0.068850	19.067791	0	0	0.002109	0.6022196	39.493	0.000	1.284	0.000	
13-May-24 13:00:00	20.142	0.000	1.258	1.279	0.000	13.348	1800434.028	355.929	0.068220	18.951706	0	0	0.002253	0.6342793	38.843	0.000	1.258	0.000	
13-May-24 14:00:00	19.379	0.000	1.182	1.183	0.000	13.397	1743984.629	354.665	0.063588	17.663377	0	0	0.002062	0.5726627	35.334	0.000	1.182	0.000	
13-May-24 15:00:00	18.644	0.000	1.173	1.185	0.000	13.388	1725832.987	263.268	0.060539	16.816013	0	0	0.002025	0.5624420	34.023	0.000	1.173	0.000	
13-May-24 16:00:00	20.480	0.000	1.272	1.292	11.345	14.126	1148118.455	143.334	0.044181	12.268887	0	0	0.001457	0.4048522	41.967	0.000	1.272	22.915	
13-May-24 17:00:00	17.742	0.000	1.294	1.314	0.119	13.383	1700843.384	254.580	0.057075	15.854231	0	0	0.002213	0.6147062	32.735	0.000	1.294	0.061	
13-May-24 18:00:00	19.972	0.000	1.308	1.320	14.263	14.112	1153664.331	145.840	0.043345	12.046230	0	0	0.001509	0.4182618	40.768	0.000	1.308	29.127	
13-May-24 19:00:00	19.782	0.000	1.259	1.234	7.457	13.849	1253105.103	164.854	0.046837	12.954722	0	0	0.001591	0.4418483	38.850	0.000	1.259	13.914	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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15-May-24 14:00:00	24.203	0.000	1.022	1.054	0.000	13.359	1766478.638	287.479	0.080392	22.331062	0	0	0.001805	0.5014292	44.473	0.000	1.022	0.000	
15-May-24 15:00:00	23.068	0.000	0.898	0.908	0.000	13.347	1717402.832	258.470	0.074538	20.704380	0	0	0.001543	0.4285787	42.317	0.000	0.893	0.000	
15-May-24 16:00:00	22.074	0.000	0.831	0.823	0.000	13.298	1676724.854	258.087	0.069634	19.342912	0	0	0.001394	0.3870067	40.241	0.000	0.831	0.000	
15-May-24 17:00:00	20.450	0.000	0.898	0.900	0.000	13.277	1712726.929	258.590	0.065903	18.306618	0	0	0.001535	0.4262682	37.135	0.000	0.898	0.000	
15-May-24 18:00:00	20.005	0.000	0.807	0.794	0.000	13.300	1699736.753	258.590	0.063977	17.771266	0	0	0.001372	0.3810992	36.470	0.000	0.807	0.000	
15-May-24 19:00:00	20.121	0.000	0.805	0.810	0.000	13.308	1714563.965	257.868	0.064905	18.029031	0	0	0.001382	0.3838548	36.742	0.000	0.805	0.000	
15-May-24 20:00:00	19.321	0.000	0.865	0.858	0.000	13.332	1687619.365	258.560	0.061345	17.040203	0	0	0.001459	0.4053275	35.357	0.000	0.865	0.000	
15-May-24 21:00:00	18.874	0.000	0.877	0.904	0.000	13.307	1740949.463	258.201	0.061820	17.172120	0	0	0.001527	0.4240000	34.448	0.000	0.877	0.000	
15-May-24 22:00:00	19.359	0.000	0.892	0.900	0.000	13.319	1721812.988	258.930	0.062710	17.419543	0	0	0.001535	0.4264000	35.385	0.000	0.892	0.000	
15-May-24 23:00:00	18.774	0.000	0.917	0.936	0.000	13.319	1691829.834	258.737	0.059757	16.599120	0	0	0.001552	0.4311591	34.322	0.000	0.917	0.000	
16-May-24 00:00:00	18.390	0.000	1.004	1.001	0.000	13.345	1653472.578	259.134	0.057210	15.891096	0	0	0.001660	0.4611670	33.737	0.000	1.004	0.000	
16-May-24 01:00:00	18.478	0.000	0.929	0.936	0.000	13.350	1671880.107	259.697	0.058121	16.144790	0	0	0.001554	0.4316074	33.956	0.000	0.929	0.000	
16-May-24 02:00:00	18.496	0.000	0.932	0.951	0.000	13.354	1682691.650	259.203	0.058556	16.265552	0	0	0.001568	0.4356257	33.976	0.000	0.932	0.000	
16-May-24 03:00:00	18.771	0.000	0.954	0.965	0.000	13.357	1690006.714	259.216	0.059560	16.627902	0	0	0.001618	0.4493727	34.465	0.000	0.954	0.000	
16-May-24 04:00:00	18.040	0.000	0.997	1.008	0.000	13.369	1725624.023	259.319	0.058603	16.278831	0	0	0.001721	0.4778838	33.193	0.000	0.997	0.000	
16-May-24 05:00:00	18.573	0.000	0.963	0.970	0.000	13.352	1686725.294	260.187	0.059243	16.456399	0	0	0.001623	0.4508888	34.285	0.000	0.963	0.000	
16-May-24 06:00:00	18.449	0.000	0.932	0.947	0.000	13.340	1680535.527	258.738	0.058331	16.202904	0	0	0.001566	0.4349642	33.825	0.000	0.932	0.000	
16-May-24 07:00:00	18.264	0.000	0.843	0.843	0.000	13.383	1716382.568	260.108	0.058943	16.373023	0	0	0.001446	0.4017778	33.959	0.000	0.843	0.000	
16-May-24 08:00:00	18.731	0.000	0.920	0.941	0.000	13.370	1690907.837	259.970	0.059449	16.513491	0	0	0.001551	0.4309129	34.474	0.000	0.920	0.000	
16-May-24 09:00:00	18.844	0.000	0.927	0.948	8.344	14.046	1459656.766	194.175	0.046254	12.848378	0	0	0.001353	0.3759685	34.029	0.000	0.937	16.920	
16-May-24 10:00:00	19.338	0.000	1.217	1.232	12.010	14.236	1188562.866	142.745	0.043242	12.011665	0	0	0.001447	0.4019037	40.164	0.000	1.217	24.937	
16-May-24 11:00:00	20.484	0.000	1.055	1.084	4.126	14.087	1283317.139	160.091	0.051059	14.183123	0	0	0.001364	0.3789969	42.472	0.000	1.055	8.388	
16-May-24 12:00:00	19.26949801	0	1.297987872	1.311771631	11.07701874	14.2114318	1184913.84	143.561	0.042957	11.932566	0	0	0.001538	0.4272167	39.68381196	0	1.297987872	23.18032265	
16-May-24 13:00:00	18.51269234	0	1.489924817	1.46687158	17.65919876	14.25896356	1318755.493	143.124	0.042605	11.835558	0	0	0.001776	0.4934365	36.77140806	0	1.489924817	36.63444138	
16-May-24 14:00:00	20.65157316	0	1.241767406	1.25344193	6.2093997	14.09026138	1171340.576	144.914	0.045511	12.641913	0	0	0.001455	0.4040368	41.99526833	0	1.241767406	10.67644367	
16-May-24 15:00:00	17.5642968	0	1.379908204	1.406441092	12.39732265	14.15365805	1201206.056	145.032	0.040843	11.280831	0	0	0.001658	0.4604317	36.91583752	0	1.379908204	26.98413315	
16-May-24 16:00:00	19.04837718	0	1.296517372	1.3109442	12.40337181	14.14889717	1165481.323	143.858	0.042480	11.800042	0	0	0.001537	0.4269436	39.01578445	0	1.296517372	26.5290588	
16-May-24 17:00:00	18.98105347	0	1.118992036	1.128539681	11.52417278	14.13588819	1169403.029	144.576	0.041372	11.492284	0	0	0.001385	0.3823888	38.62482671	0	1.118992036	23.84759827	
16-May-24 18:00:00	18.87490273	0	1.068810467	1.11819756	1.18E+01	14.15132	1193950.962	145.179	0.041333	11.481423	0	0	0.001268	0.3522924	38.57971191	0	1.068810467	24.17526678	
16-May-24 19:00:00	17.95093987	0	1.18370678	1.192658206	0	13.27930069	1745952.148	261.301	0.065906	18.308440	0	0	0.002067	0.5740820	32.08585323	0	1.18370678	0.018598866	
16-May-24 20:00:00	17.86476707	0	1.107850671	1.114457726	0	13.25574993	1741783.062	263.976	0.065542	18.281960	0	0	0.001930	0.5360037	32.42658734	0	1.107850671	0	
16-May-24 21:00:00	18.00842857	0	1.148940444	1.153384805	0	13.25425911	1704813.062	264.772	0.057750	18.041782	0	0	0.001955	0.5430068	32.54294815	0	1.148940444	0	
16-May-24 22:00:00	17.74858986	0	1.154253125	1.154954125	0	13.28169709	1730591.919	263.861	0.057781	18.050487	0	0	0.001966	0.5548725	32.19407854	0	1.154253125	0	
16-May-24 23:00:00	17.49813545	0	1.231137763	1.229708813	0	13.25873576	1748213.867	264.024	0.057470	15.963904	0	0	0.002150	0.5971748	31.69258338	0	1.231137763	0	
17-May-24 00:00:00	19.32722282	0	1.401703358	1.401192585	11.13782978	14.10447884	1184847.9	150.965	0.043884	11.887640	0	0	0.001661	0.4613348	39.38801575	0	1.401703358	22.67814064	
17-May-24 01:00:00	18.12674822	0	1.183642628	1.19397831	0	13.26340876	1774236.107	265.445	0.060505	16.807866	0	0	0.002100	0.5833501	32.69674377	0	1.183642628	0	
17-May-24 02:00:00	17.28138832	0	1.205999374	1.203583018	0	13.34402847	1711567.749	261.225	0.055584	15.439673	0	0	0.002064	0.5733749	31.86333961	0	1.205999374	0	
17-May-24 03:00:00	18.35346817	0	1.149115862	1.183491474	11.02146614	14.11263844	1213681.451	145.335	0.041941	11.650320	0	0	0.001395	0.3874966	37.42848507	0	1.149115862	22.92611482	
17-May-24 04:00:00	18.6924839	0	1.281736265	1.29099926	13.77080698	14.14020712	1184782.327	145.125	0.042818	11.871640	0	0	0.001521	0.4253877	38.31289383	0	1.281736265	28.21299878	
17-May-24 05:00:00	18.78914618	0	1.469942285	1.469738487	13.81919716	14.11419838	1181224.766	144.910	0.041740	11.597018	0	0	0.001735	0.4819690	38.33320581	0	1.469942285	28.43842642	
17-May-24 06:00:00	18.43539238	0	1.209671378	1.215685116	14.54461479	14.12205338	1180234.868	144.547	0.040920	11.366635	0	0	0.001427	0.3965150	37.72418594	0	1.209671378	29.74741447	
17-May-24 07:00:00	18.36672783	0	1.442457914	1.438835647	12.97154522	14.12242126	1180192.466	143.840	0.039744	11.039903	0	0	0.001658	0.4608463	37.5115676	0	1.442457914	26.50807026	
17-May-24 08:00:00	18.103	0.000	1.344	1.332	17.088	14.164	1141904.297	148.882	0.038896	10.804350	0	0	0.001535	0.4262638	37.188	0.000	1.344	34.941	
17-May-24 09:00:00	19.457	0.000	1.209	1.220	9.854	14.109	1203764.160	144.960	0.044047	12.235197	0	0	0.001455	0.4041510	39.899	0.000	1.209	20.160	
17-May-24 10:00:00	19.259	0.000	1.369	1.400	13.198	14.171	1158356.675	145.052	0.041809	11.638749	0	0	0.001606	0.4461157	39.538	0.000	1.369	26.920	
17-May-24 11:00:00	18.834	0.000	1.406	1.420	13.218	14.208	1165491.211	143.678	0.041298	11.471634	0	0	0.001636	0.4542943	38.935	0.000	1.406	27.007	
17-May-24 12:00:00	19.046	0.000	1.275	1.281	12.365	14.221	1207038.133	144.029	0.043259	12.016286	0	0	0.001538	0.4273483	39.458	0.000	1.276	25.461	
17-May-24 13:00:00	20.181	0.000	1.175	1.195	7.493	14.170	1243817.871	154.326	0.047230	13.119418	0	0	0.001462	0.4060275	41.545	0.000	1.175	15.088	
17-May-24 14:00:00	18.546	0.000	1.407	1.443	17.265	14.213	1210235.352	143.207	0.042215	11.726421	0	0	0.001702	0.4728853	38.735	0.000	1.407	35.850	
17-May-24 15:00:00	19.704	0.000	1.428	1.438	11.395	14.185	1151379.541	143.244	0.042678	11.855119	0	0	0.001645	0.4568227	40.624	0.000	1.428	23.617	
17-May-24 18:00:00	20.428	0.000	1.206	1.231	10.454	14.232	1186904.443	142.989	0.044844	12.456682	0	0	0.001408	0.3909952	42.418	0.000	1.208	21.482	

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-May-24 17:00:00	19.810	0.000	1.528	1.540	14.832	14.260	1210618.113	144.187	0.044432	12.342284	0	0	0.001850	0.5138237	40.678	0.000	1.528	30.926	
17-May-24 18:00:00	18.890	0.000	1.794	1.817	15.128	14.219	1184870.044	145.085	0.042162	11.695127	0	0	0.002126	0.5904341	38.144	0.000	1.794	31.388	
17-May-24 19:00:00	19.735	0.000	1.526	1.519	12.214	14.174	1131132.324	144.334	0.042165	11.695868	0	0	0.001727	0.4796854	40.735	0.000	1.526	24.926	
17-May-24 20:00:00	18.981	0.000	1.448	1.459	18.433	14.213	1191735.493	142.517	0.041818	11.569138	0	0	0.001726	0.4794255	38.440	0.000	1.448	38.303	
17-May-24 21:00:00	19.192	0.000	1.485	1.498	11.381	14.119	1197769.287	144.308	0.043158	11.988708	0	0	0.001778	0.4941743	39.116	0.000	1.485	23.058	
17-May-24 22:00:00	18.427	0.000	1.613	1.624	15.408	14.145	1104072.632	144.060	0.038277	10.632487	0	0	0.001781	0.4946518	37.771	0.000	1.613	31.247	
17-May-24 23:00:00	19.701	0.000	1.433	1.438	9.109	14.277	1170106.934	144.354	0.043379	12.047343	0	0	0.001677	0.4658192	40.906	0.000	1.433	18.314	
18-May-24 00:00:00	18.477	0.000	1.481	1.485	14.345	14.118	1191174.561	144.058	0.041408	11.502308	0	0	0.001765	0.4901658	37.716	0.000	1.481	29.392	
18-May-24 01:00:00	20.315	0.000	1.581	1.597	8.107	13.989	1159072.412	142.347	0.045450	12.624604	0	0	0.001880	0.5220800	40.733	0.000	1.581	12.041	
18-May-24 02:00:00	17.781	0.000	1.650	1.658	20.082	14.178	1180379.321	144.164	0.038482	10.958871	0	0	0.001948	0.5411785	36.579	0.000	1.650	41.609	
18-May-24 03:00:00	18.573	0.000	1.621	1.635	15.471	14.149	1183707.031	145.232	0.041381	11.489293	0	0	0.001801	0.5002092	38.063	0.000	1.621	31.808	
18-May-24 04:00:00	18.488	0.000	1.494	1.504	14.468	14.139	1162659.814	144.615	0.040437	11.232480	0	0	0.001738	0.4823351	37.878	0.000	1.494	29.621	
18-May-24 05:00:00	18.48355239	0	1.588136196	1.600758526	15.06143761	14.15749264	1173397.461	144.479	0.040805	11.334808	0	0	0.001864	0.5176421	37.94678879	0	1.588136196	30.78425217	
18-May-24 06:00:00	18.52654809	0	1.584304123	1.587264799	16.28970969	14.18413258	1171393.457	144.594	0.041035	11.398710	0	0	0.001838	0.5082978	38.19867706	0	1.584304123	33.81438844	
18-May-24 07:00:00	18.51128197	0	1.487468858	1.476480679	15.46638868	14.14169025	1169437.888	143.936	0.041424	11.506804	0	0	0.001745	0.4848580	37.93876868	0	1.487468858	31.76043692	
18-May-24 08:00:00	18.85478818	0	1.461041927	1.454867949	15.25992437	14.14844418	1151064.351	143.597	0.040396	11.221539	0	0	0.001682	0.4671637	38.24925232	0	1.461041927	31.34129448	
18-May-24 09:00:00	18.80878603	0	1.439987421	1.438031197	15.262701	14.17794809	1218858.089	143.725	0.042673	11.853808	0	0	0.001755	0.4876422	38.33853449	0	1.439987421	31.33394012	
18-May-24 10:00:00	18.9046839	0	1.242190266	1.255717009	12.6402082	14.18362236	1185426.926	142.877	0.042162	11.711637	0	0	0.001470	0.4083761	38.95651827	0	1.242190266	25.81415823	
18-May-24 11:00:00	18.93387468	0	1.395605922	1.401684378	14.36685542	14.35127125	1152615.308	143.060	0.041635	11.565249	0	0	0.001631	0.4531127	39.42896834	0	1.395605922	30.01309094	
18-May-24 12:00:00	18.96609924	0	1.247359259	1.253728151	13.93858773	14.24588	1167335.327	143.898	0.041519	11.533036	0	0	0.001450	0.4027837	39.51195908	0	1.247359259	28.03813171	
18-May-24 13:00:00	19.16079712	0	1.7398276	1.747457309	12.57447338	14.13962152	1148000.977	144.441	0.041278	11.465677	0	0	0.001987	0.5532987	39.28449173	0	1.7398276	26.01683807	
18-May-24 14:00:00	18.81502037	0	1.436598862	1.445871432	13.56305354	14.14161491	1169403.031	143.090	0.040367	11.218616	0	0	0.001660	0.4626524	37.95485308	0	1.436598862	27.68787003	
18-May-24 15:00:00	18.84883306	0	1.456324061	1.452008326	13.47438606	14.11230278	1177239.183	143.000	0.041747	11.596465	0	0	0.001726	0.4795038	38.46989575	0	1.456324061	27.15019989	
18-May-24 16:00:00	18.88547842	0	1.401838753	1.403754711	12.92504854	14.11363204	1171618.677	144.182	0.041627	11.583184	0	0	0.001642	0.4561883	38.57395935	0	1.401838753	26.24309731	
18-May-24 17:00:00	18.45141983	0	1.457893729	1.473171592	15.5787374	14.14405407	1171031.86	144.195	0.040652	11.292107	0	0	0.001707	0.4742333	37.6221283	0	1.457893729	32.07357848	
18-May-24 18:00:00	20.94234123	0	1.43620193	1.439391921	1.299664817	13.02202959	1607825.732	251.730	0.062132	17.258830	0	0	0.002306	0.6413542	39.12291336	0	1.43620193	2.282087318	
18-May-24 19:00:00	18.00777245	0	1.395780179	1.400289536	7.390074253	13.84202871	1483401.301	200.895	0.044675	12.409633	0	0	0.002070	0.5751311	31.41438675	0	1.395780179	14.81444645	
18-May-24 20:00:00	18.78202067	0	1.395452023	1.38594389	13.11547879	14.09802151	1147040.405	142.835	0.040532	11.258840	0	0	0.001601	0.4446222	38.21926400	0	1.395452023	26.86578865	
18-May-24 21:00:00	18.75352958	0	1.500173807	1.502787828	15.24860018	14.12247582	1141267.578	143.533	0.040287	11.185342	0	0	0.001712	0.4755833	38.31917853	0	1.500173807	31.31060028	
18-May-24 22:00:00	19.39378068	0	1.454997649	1.487301726	13.80739920	14.12235818	1187416.138	143.728	0.043326	12.034871	0	0	0.001740	0.4832118	39.64709854	0	1.454997649	28.42937111	
18-May-24 23:00:00	19.78731918	0	1.430152178	1.438518614	14.7659185	14.14227099	1215663.96	144.177	0.042970	11.938687	0	0	0.001739	0.4829451	38.47807839	0	1.430152178	30.12268448	
19-May-24 00:00:00	18.04713831	0	1.474048615	1.487044334	18.3817234	14.16334659	1209166.26	144.290	0.040920	11.366630	0	0	0.001778	0.4934049	37.10326385	0	1.474048615	37.91970062	
19-May-24 01:00:00	17.30169724	0	1.280859778	1.283807035	0	13.28031685	1742654.419	257.287	0.056726	15.757097	0	0	0.002232	0.6199814	31.39560618	0	1.280859778	0	
19-May-24 02:00:00	17.35713969	0	1.262404348	1.27820015	0	13.27394687	1715163.452	264.198	0.056019	15.558228	0	0	0.002167	0.6004090	31.53834834	0	1.262404348	0	
19-May-24 03:00:00	16.96077728	0	1.308058401	1.318881667	0	13.28099080	1737574.707	263.914	0.056446	15.401595	0	0	0.002273	0.6313458	30.86171127	0	1.308058401	0	
19-May-24 04:00:00	19.10888192	0	1.469553845	1.469400427	14.35669961	14.14950433	1143724.308	143.858	0.041118	11.421750	0	0	0.001681	0.4669108	39.19667063	0	1.469553845	29.96286163	
19-May-24 05:00:00	19.35078239	0	1.428567114	1.44091218	14.15220356	14.12317848	1157506.714	144.988	0.042141	11.706730	0	0	0.001652	0.4588779	39.64213716	0	1.428567114	28.75832939	
19-May-24 06:00:00	19.45965787	0	1.498584386	1.48703879	11.97868729	14.08798886	1180207.031	144.135	0.043382	12.053208	0	0	0.001726	0.4796283	39.57004939	0	1.498584386	24.55430519	
19-May-24 07:00:00	19.07634163	0	1.593269982	1.588588272	15.14193726	14.14819184	1151642.407	146.659	0.041340	11.483245	0	0	0.001789	0.4969784	39.10327148	0	1.593269982	30.74763789	
19-May-24 08:00:00	17.90195037	0	1.527130961	1.529741645	19.3415947	14.17966137	1137160.176	144.118	0.038381	10.839135	0	0	0.001737	0.4823953	36.98142776	0	1.527130961	39.91398656	
19-May-24 09:00:00	18.10185787	0	1.49096477	1.500068387	19.18610191	14.19503403	1217800.049	142.845	0.041474	11.520458	0	0	0.001816	0.5043603	37.39817047	0	1.49096477	39.82073993	
19-May-24 10:00:00	18.49019814	0	1.522098217	1.531498432	13.3526926	14.18343163	1208815.723	144.382	0.042644	11.879017	0	0	0.001840	0.5110780	38.10927963	0	1.522098217	27.52265358	
19-May-24 11:00:00	18.76747512	0	1.523418519	1.537668376	13.81464571	14.22100163	1218887.817	143.877	0.043673	11.984711	0	0	0.001858	0.5162215	38.60776682	0	1.523418519	28.48524887	
19-May-24 12:00:00	16.37197304	0	1.842710733	1.883394389	34.93013273	14.35824776	1244014.404	146.438	0.038218	10.643952	0	0	0.002282	0.6387603	34.56037369	0	1.842710733	74.04193978	
19-May-24 13:00:00	19.30479431	0	1.433186293	1.430138588	9.262387249	14.15839185	1145177.002	144.383	0.041583	11.553518	0	0	0.001641	0.4559633	39.64216505	0	1.433186293	19.11476806	
19-May-24 14:00:00	17.51759826	0	1.663848834	1.613590942	17.81152725	14.1838932	1182145.264	144.103	0.038961	10.822419	0	0	0.001872	0.5200943	36.12567738	0	1.663848834	36.74335243	
19-May-24 15:00:00	19.70719147	0	1.153277993	1.155743718	2.8885424	13.97960319	1308731.581	192.586	0.048505	13.473966	0	0	0.001509	0.4190685	38.8549115	0	1.153277993	5.481219311	
19-May-24 16:00:00	16.50880051	0	1.295675381	1.302583067	9.018516869	13.99233193	1463590.82	194.215	0.045458	12.627334	0	0	0.001896	0.5267213	33.09569168	0	1.295675381	18.13014984	
19-May-24 17:00:00	19.10626413	0	1.389540797	1.391188438	0	13.30068916	1650788.602	251.741	0.059494	16.526216	0	0	0.002301	0.6390488	34.93380601	0	1.389540797	0	
19-May-24 18:00:00	19.10594369	0	1.390103045	1.410287819	12.93277073	14.11637879	1178588.135	145.187	0.042385	11.769119	0	0	0.001649	0.4580482	39.0058978	0	1.390103045	26.38537407	
19-May-24 19:00:00	18.81291199	0	1.450986881	1.470799025	2.272216082	13.74640389	1565419.922	224.836	0.055407	15.390376	0	0	0.002287	0.6362033	36.40259652	0	1.450986881	4.011147876	
19-May-24 20:00:00	18.56796051	0	1.339176856	1.343482256	0	13.31913853	1710318.406	265.032	0.059716	16.587588	0	0	0.002290	0.6362268	33.92460087	0	1.339176856	0	
19-May-24 21:00:00	17.21231079	0	1.489235832	1.505586485	0	13.33369637	1712939.453	265.148	0.055478	15.466404	0	0	0.002551	0.7088015	31.33048816	0	1.489235832	0	
19-May-24 22:00:00	18.15880396	0	1.532670021	1.539785954	0.028152306	13.40990641	1671884.39	258.572	0.057162	15.881826	0	0	0.002562	0.7117825	33.38587374	0	1.532670021	0	
19-May-24 23:00:00	19.36261359	0	1.550998925	1.564007292	11.00361772	14.1452965	1191711.548	152.088	0.043412	12.059016	0	0	0.001848	0.5134287	39.70077133	0	1.550998925	23.72722816	
20-May-24 00:00:00	17.9269341	0	1.454807868	1.473235157	0	13.31172311	1713345.581	254.372	0.057763	16.043729	0	0	0.002510	0.6971450	32.74810028	0	1.454807868	0	
20-May-24 01:00:00	19.22864152	0	1.48107331	1.474517345	16.51880838	14.22888743	1165220.37	141.413	0.042149	11.708171	0	0	0.001704	0.4732040	39.91997528	0	1.48107331	34.31496337	
20-May-24 02:00:00	20.8145801	0	1.425691208	1.419609904	7.769822803	14.02509789	1134629.761	145.328	0.044588	12.385933	0	0	0.001625	0.4513048	41.91745902	0	1.425691208	15.64679458	
20-May-24 03:00:00	19.30084991	0	1.393480897	1.405578135	13.91390185	14.12385559	1174629.687	150.017	0.042864	11.646210	0	0	0.001637	0.4546721	39.4482738	0	1.393480897	28.43784454	
20-May-24 04:00:00	19.57351688	0	1.590581069	1.597134948	15.23758842	14.13328077	1183263.916	147.675	0.042838	11.899350	0	0	0.001850	0.5138627	40.04805782	0	1.590581069	31.35230659	
20-May-24 05:00:00	20.18927988	0	1.565908447	1.592399716	10.82907296	14.0776844	1183995.682	144.729	0.044873	12.492453	0	0	0.001854	0.5148966	40.97838615	0	1.565908447	22.1743879	
20-May-24 06:00:00	19.16333253	0	1.431740522	1.487672089	13.22947121	14.14003372	1199231.812	143.874	0.043235	12.009584	0	0	0.001717	0.4769413	39.2830499	0	1.431740522	27.07783127	
20-May-24 07:00:00	19.68333244	0	1.440050244	1.44114287	11.9084965	14.17899879	1122879.639	143.566	0.041582	11.550799	0	0	0.001617	0.4491575	40.25798035	0	1.440050244	24.38560894	
20-May-24 08:00:00	20.17636591	0	1.442635298	1.449436307	8.8475914	14.07515144	1158170.898	150.709	0.043888	12.191060	0	0	0.001688	0.4633147	40.94304275	0	1.442635298	18.23433495	
20-May-24 09:00:00	19.5875591	0	1.389553547	1.393667448	12.49921079	14.17548463	1149700.802	144.740	0.042109	11.695743	0	0	0.001589	0.4414537	40.29232788	0	1.389553547	25.61970901	
20-May-24 10:00:00	19.43217458	0	1.523393512	1.533780336	13.48869804	14.16284183	1170079.443	143.980	0.042798	11.888741	0	0	0.001783	0.4953904	39.93040848	0	1.523393512	27.44957851	
20-May-24 11:00:00	19.18410878	0	1.581247588	1.597350359	9.880019168	14.10235768	1358601.636	173.205	0.048177	13.382425	0	0	0.002111	0.5862022	39.08550648	0	1.581247588	20.07234958	
20-May-24 12:00:00	20.27538135	0	1.366246223	1.384292603	8.796253204	14.30960021	1158259.653	142.492	0.043427	12.062988	0	0	0.001555	0.4319679	42.60090814	0	1.366246223	18.53682581	
20-May-24 13:00:00	20.29916672	0	1.408234503	1.409860134	0	13.34189525	1751641.965	254.439	0.066785	18.545797	0	0	0.002463	0.6842276	37.15927179	0	1.408234503	0	
20-May-24 14:00:00	21.03941936	0	1.489121856	1.49778679	0	13.40284834	1741039.063	253.416	0.068916	19.143381	0	0	0.002593	0.7201719	38.68775635	0	1.489121856	0	
20-May-24 15:00:00	19.78931238	0	1.468351483	1.468239784	0	13.34818363	1738838.06	252.994	0.064739	17.983152	0	0	0.002553	0.7092285	36.3188204	0	1.468351483	0	
20-May-24 16:00:00	19.38284874	0	1.149840832	1.163696527	0	13.33995839	1780750.51	254.986	0.064209	17.835772	0	0	0.002025	0.5623842	35.53292877	0	1.149840832	0	
20-May-24 17:00:00	18.38607361	0	1.367459072	1.372715235	13.93087387	14.18590713	1181466.933	143.409	0.041100	11.430811	0	0	0.001629	0.4525775	37.77841568	0	1.367459072	28.60986321	
20-May-24 18:00:00	17.34020069	0	1.408939719	1.438380083	18.52690898	14.16980035	1137572.754	143.404	0.037118	10.310623	0	0	0.001603	0.4452143	35.72789547	0	1.408939719	37.8778215	
20-May-24 19:00:00	17.30549002	0	1.250390649	1.249376059	0	13.2846324	1744235.596	262.297	0.056481	15.883797	0	0	0.002181	0.6058288	31.30032481	0	1.250390649	0	
20-May-24 20:00:00	17.93791771	0	1.178123977	1.185948849	0	13.28332021	1717823.975	261.022	0.057974	16.103755	0	0	0.002026	0.5612150	32.54734039	0	1.178123977	0	
20-May-24 21:00:00	18.18770509	0	1.211924552	1.213326526	0	13.27129459	1694848.804	258.862	0.057988	16.107721	0	0	0.002054	0.5704982	33.04603958	0	1.211924558	0	
20-May-24 22:00:00	17.67860522	0	1.410422306	1.413190683	8.879217148	13.81783960	1579993.123	226.693	0.052544	14.595519	0	0	0.002229	0.6190053	34.57482529	0	1.410422306	11.61077404	
20-May-24 23:00:00	18.04408185	0	1.338017464	1.342974752	0	13.28946018	1760587.739	263.618	0.058767	16.662024	0	0	0.002356	0.6543492	32.8540802	0	1.338017464	0	
21-May-24 00:00:00	17.58488845	0	1.583202391	1.586519223	13.11925970	14.029018	1406485.718	191.142	0.046499	12.916431	0	0	0.002183	0.6063899	36.43064490	0	1.583202391	25.49634695	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-24 01:00:00	17.75827103	0	1.309257984	1.314917445	0	13.02458442	1701728.149	258.335	0.058695	15.748631	0	0	0.002228	0.6188892	32.39429855	0	1.309257984	0	
21-May-24 02:00:00	17.24344806	0	1.306164265	1.334706068	0.288414717	13.46531338	1706677.124	253.489	0.056367	15.379645	0	0	0.002229	0.6192224	32.13966688	0	1.306164265	0.408027819	
21-May-24 03:00:00	17.33696671	0	1.241766672	1.250137967	0	13.2907238	1746606.65	264.558	0.057133	15.876312	0	0	0.002169	0.6024622	31.67113495	0	1.241766572	0	
21-May-24 04:00:00	17.2300663	0	1.244774342	1.259029627	0	13.29607487	1726425.903	262.716	0.055965	15.545739	0	0	0.002149	0.5969474	31.40954971	0	1.244774342	0	
21-May-24 05:00:00	17.06318665	0	1.342384458	1.348509686	0	13.27643299	1694468.77	255.849	0.054397	15.110377	0	0	0.002275	0.6319487	31.02143288	0	1.342384458	0	
21-May-24 06:00:00	17.25115204	0	1.337440252	1.348429799	0	13.30606365	1733654.663	254.024	0.056268	15.629935	0	0	0.002319	0.6440721	31.49799158	0	1.337440252	0	
21-May-24 07:00:00	18.642	0.000	1.408	1.410	13.509	14.100	1168195.567	145.116	0.042120	11.700037	0	0	0.001674	0.4648751	38.372	0.000	1.408	27.865	
21-May-24 08:00:00	18.648	0.000	1.306	1.318	11.413	14.051	1196326.613	156.365	0.041938	11.649484	0	0	0.001562	0.4337737	37.706	0.000	1.306	23.119	
21-May-24 09:00:00	17.649	0.000	1.368	1.380	0.423	13.413	1664794.189	249.356	0.054952	15.264482	0	0	0.002277	0.6326111	32.464	0.000	1.368	0.888	
21-May-24 10:00:00	19.997	0.000	1.619	1.626	6.980	13.979	1143469.849	144.121	0.043019	11.949849	0	0	0.001852	0.5143258	40.019	0.000	1.619	13.866	
21-May-24 11:00:00	18.005	0.000	1.598	1.591	10.638	14.017	1302890.628	163.284	0.044136	12.259885	0	0	0.002082	0.5783234	36.221	0.000	1.598	21.570	
21-May-24 12:00:00	17.410	0.000	1.758	1.775	17.477	14.126	1135187.226	144.472	0.037183	10.328088	0	0	0.001996	0.5543748	35.597	0.000	1.758	35.872	
21-May-24 13:00:00	18.185	0.000	1.472	1.511	4.388	13.744	1645870.239	239.359	0.054599	15.166454	0	0	0.002349	0.6524541	35.164	0.000	1.472	8.173	
21-May-24 14:00:00	18.601	0.000	1.401	1.408	3.087	13.288	1714072.832	281.852	0.059965	16.652401	0	0	0.002402	0.6671626	33.659	0.000	1.401	0.166	
21-May-24 15:00:00	17.068	0.000	1.540	1.563	28.921	14.211	1137244.995	141.298	0.036518	10.143868	0	0	0.001751	0.4864523	35.378	0.000	1.540	62.876	
21-May-24 16:00:00	18.772	0.000	1.506	1.506	17.358	14.125	1162302.490	143.890	0.041050	11.402703	0	0	0.001750	0.4862653	38.351	0.000	1.506	35.499	
21-May-24 17:00:00	18.288	0.000	1.310	1.315	3.010	13.332	1715233.398	281.544	0.052537	14.593488	0	0	0.002248	0.6243478	29.514	0.000	1.310	0.001	
21-May-24 18:00:00	17.409	0.000	1.339	1.346	0.000	13.296	1740337.158	295.478	0.057001	15.833500	0	0	0.002330	0.6471091	31.729	0.000	1.339	0.000	
21-May-24 19:00:00	18.095	0.000	1.529	1.538	0.000	13.299	1762485.714	284.693	0.053874	14.992734	0	0	0.002725	0.7568360	29.318	0.000	1.529	0.000	
21-May-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
21-May-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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22-May-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
22-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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23-May-24 12:00:00	18.336	0.000	1.398	1.402	0.000	13.277	1777184.692	269.424	0.061307	17.029826	0	0	0.002485	0.6902928	33.327	0.000	1.398	0.000	
23-May-24 13:00:00	19.405	0.000	1.500	1.514	12.002	14.179	1171617.310	142.934	0.042774	11.881651	0	0	0.001758	0.4883212	39.976	0.000	1.500	24.996	
23-May-24 14:00:00	19.162	0.000	1.500	1.504	11.212	14.132	1164363.037	143.679	0.041976	11.660107	0	0	0.001746	0.4850863	39.204	0.000	1.500	23.028	
23-May-24 15:00:00	18.848	0.000	1.514	1.517	15.527	14.174	1162882.445	143.241	0.040789	11.333136	0	0	0.001760	0.4889295	38.413	0.000	1.514	31.975	
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23-May-24 17:00:00	19.525	0.000	1.535	1.594	10.744	14.079	1161274.048	144.837	0.042658	11.849404	0	0	0.001782	0.4950316	39.832	0.000	1.535	21.482	
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23-May-24 19:00:00	17.359	0.000	1.587	1.597	0.207	13.366	1665359.863	256.545	0.054390	15.108424	0	0	0.002643	0.7342678	31.937	0.000	1.587	0.197	
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 20C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 20C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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31-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	15.25	0.00	0.81	0.79	0.00	13.18	1,153,421.91	141.30	0.04	10.14	0.00	0.00	0.00	0.31	29.32	0.00	0.81	0.00	
Maximum	35.70	0.00	2.08	2.08	34.90	14.90	1,830,464.22	211.23	0.08	23.16	0.00	0.00	0.00	0.65	47.05	0.00	2.06	74.04	
Avg	19.82	0.00	1.31	1.32	6.37	13.17	1,445,723.08	209.99	0.05	14.54	0.00	0.00	0.00	0.65	37.66	0.00	1.31	13.30	
Sum									18.86		0.00		0.00						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-24 01:00:00	16.427	0.200	0.432	0.565	0.025	13.758	1381209.357	233.594	0.042997	11.943549	0.00072981	0.20272408	0.000601	0.1668781	31.860	0.389	0.432	0.034	
01-May-24 02:00:00	14.055	0.297	0.343	0.461	3.173	14.511	842635.256	144.633	0.022279	6.188729	0.00065667	0.1821295	0.000298	0.0683593	29.535	0.551	0.343	6.675	
01-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-May-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-May-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-May-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 19:00:00	22.470	0.243	0.674	0.909	0.000	13.784	1584938.969	267.373	0.067092	18.611788	0.00117988	0.32657203	0.001968	0.2967985	43.758	0.544	0.674	0.000	
02-May-24 20:00:00	21.271	0.129	0.661	0.821	0.000	13.807	1543223.799	262.341	0.061759	17.156375	0.0005215	0.14488052	0.001050	0.2917745	41.548	0.254	0.661	0.000	
02-May-24 21:00:00	20.703	0.068	0.594	0.716	0.000	13.749	1535678.003	263.050	0.059811	16.614155	0.00039201	0.10889301	0.000912	0.2534557	40.083	0.173	0.594	0.000	
02-May-24 22:00:00	17.150	0.000	0.651	0.779	0.000	13.788	1568153.931	268.312	0.050615	14.059702	1.5621E-06	0.00043393	0.001021	0.2837133	33.401	0.000	0.651	0.000	
02-May-24 23:00:00	19.189	0.179	0.618	0.760	0.000	13.653	1615295.284	265.958	0.058317	16.199096	0.00075531	0.2098093	0.000998	0.2773609	36.678	0.309	0.618	0.000	
03-May-24 00:00:00	17.063	0.171	0.557	0.692	0.000	13.727	1579357.768	265.481	0.050789	14.109140	0.00070852	0.19681134	0.000880	0.2444739	33.003	0.329	0.557	0.000	
03-May-24 01:00:00	16.378	0.093	0.551	0.685	0.000	13.727	1543918.823	262.827	0.044666	12.407825	0.00037666	0.1046279	0.000851	0.2363120	31.695	0.179	0.551	0.000	
03-May-24 02:00:00	16.066	0.148	0.610	0.750	0.000	13.695	1542196.045	264.671	0.045400	12.627620	0.00058811	0.16384185	0.000940	0.2612168	30.129	0.279	0.610	0.000	
03-May-24 03:00:00	15.295	0.031	0.456	0.586	0.000	13.738	1514256.737	257.491	0.043573	12.103599	0.00012452	0.03458981	0.000689	0.1913516	29.582	0.060	0.456	0.000	
03-May-24 04:00:00	16.155	0.094	0.509	0.646	0.000	13.709	1609494.386	261.558	0.045918	12.755389	0.00037284	0.10356538	0.000769	0.2134680	31.149	0.182	0.509	0.000	
03-May-24 05:00:00	8.903	0.093	0.582	0.691	8.384	14.252	1012461.275	182.662	0.017150	4.763882	0.00024778	0.06882683	0.000559	0.1553036	18.751	0.198	0.582	17.767	
03-May-24 06:00:00	10.434	0.002	0.441	0.527	5.035	14.556	819863.545	142.418	0.016095	4.478759	5.2698E-06	0.00146357	0.000361	0.1003564	22.577	0.000	0.441	10.294	
03-May-24 07:00:00	13.256	0.247	0.519	0.558	3.710	14.404	870337.846	143.447	0.021704	6.028918	0.00056292	0.15811722	0.000451	0.1253735	28.290	0.524	0.519	7.764	
03-May-24 08:00:00	12.904	0.292	0.524	0.653	5.502	14.457	853837.846	148.029	0.020972	5.825690	0.00066089	0.18357982	0.000452	0.1256813	27.784	0.637	0.524	12.368	
03-May-24 09:00:00	11.963	0.261	0.509	0.663	0.087	14.075	1290536.295	207.818	0.029094	8.081706	0.00088073	0.24464732	0.000696	0.1933287	24.303	0.509	0.509	0.359	
03-May-24 10:00:00	11.893	0.288	0.460	0.585	2.825	14.174	1200877.930	193.716	0.026871	7.464207	0.00089856	0.24960082	0.000553	0.1535721	24.493	0.587	0.460	5.881	
03-May-24 11:00:00	17.470	0.001	0.786	0.909	0.000	13.684	1472866.908	240.984	0.048399	13.444262	5.0037E-06	0.00138991	0.001157	0.3214102	33.540	0.002	0.786	0.000	
03-May-24 12:00:00	13.366	0.000	0.676	0.701	3.210	14.641	810668.579	137.289	0.020385	5.662483	0	0	0.000507	0.1409419	29.092	0.000	0.676	6.570	
03-May-24 13:00:00	18.158	0.045	0.758	0.905	0.000	13.673	1512580.811	261.484	0.051673	14.353727	0.00019349	0.05374798	0.001147	0.3186073	34.673	0.110	0.758	0.000	
03-May-24 14:00:00	18.823	0.003	0.858	1.008	0.000	13.626	1583961.050	263.653	0.056093	15.581402	1.0943E-05	0.00303981	0.001375	0.3819544	36.653	0.000	0.858	0.000	
03-May-24 15:00:00	21.447	0.016	0.810	0.942	0.000	13.697	1562774.170	262.242	0.062654	17.403870	6.4155E-05	0.01782175	0.001258	0.3494640	41.246	0.032	0.810	0.000	
03-May-24 16:00:00	17.357	0.002	0.806	0.947	0.000	13.868	1499836.123	257.924	0.048977	13.604757	6.7876E-06	0.00188528	0.001206	0.3350876	33.211	0.000	0.806	0.000	
03-May-24 17:00:00	19.809	0.000	0.879	0.818	0.000	13.757	1457672.907	248.393	0.054609	15.164156	0	0	0.000997	0.2768839	38.312	0.000	0.879	0.000	
03-May-24 18:00:00	22.151	0.000	0.820	0.760	0.000	13.768	1535767.961	257.326	0.063588	17.663301	0	0	0.000946	0.2626875	43.020	0.000	0.820	0.000	
03-May-24 19:00:00	21.257	0.096	0.397	0.524	0.000	13.748	1422207.961	239.731	0.056797	15.776992	0.00035597	0.09871384	0.000565	0.1568900	41.147	0.202	0.397	0.200	
03-May-24 20:00:00	13.564	0.000	0.427	0.567	5.289	14.728	811124.148	136.115	0.020691	5.747554	0	0	0.000346	0.0961815	29.400	0.000	0.427	11.742	
03-May-24 21:00:00	8.742	0.000	0.555	0.563	1.032	14.182	1298125.300	214.768	0.022308	6.195000	0	0	0.000753	0.2090525	18.120	0.000	0.555	1.389	
03-May-24 22:00:00	8.507	0.000	0.929	1.068	13.842	14.233	920772.158	146.196	0.014737	4.093765	0	0	0.000856	0.2378406	17.563	0.000	0.929	28.544	
03-May-24 23:00:00	12.455	0.000	0.681	0.616	5.128	14.529	901730.520	152.810	0.021130	5.869375	0	0	0.000614	0.1706873	27.383	0.000	0.681	11.124	
04-May-24 00:00:00	12.779	0.000	0.649	0.767	6.368	14.515	850375.871	146.472	0.020517	5.699164	0	0	0.000554	0.1538456	27.705	0.000	0.649	14.248	
04-May-24 01:00:00	18.360	0.066	0.489	0.619	0.000	13.691	1473503.174	257.875	0.045327	12.590822	0.00025351	0.07041988	0.000721	0.2002518	35.433	0.127	0.489	0.000	
04-May-24 02:00:00	10.464	0.060	0.661	0.612	12.776	14.456	987100.830	154.903	0.018842	5.233810	0.00021595	0.05998903	0.000651	0.1809692	22.525	0.129	0.661	27.505	
04-May-24 03:00:00	14.509	0.000	0.621	0.666	0.000	13.735	1522154.907	254.574	0.041549	11.541435	0	0	0.000793	0.2202559	27.654	0.000	0.621	0.000	
04-May-24 04:00:00	12.864	0.098	0.457	0.691	2.895	14.199	1095333.262	190.385	0.026535	7.379707	0.00028083	0.07800849	0.000501	0.1392401	26.588	0.210	0.457	6.349	
04-May-24 05:00:00	14.810	0.131	0.401	0.526	2.045	14.415	900160.148	150.136	0.025082	6.967176	0.00030894	0.08581771	0.000361	0.1003082	31.612	0.248	0.401	4.493	
04-May-24 06:00:00	16.020	0.010	0.580	0.717	0.000	13.693	1519562.744	258.847	0.045799	12.721823	3.821E-05	0.01061387	0.000882	0.2449487	31.027	0.011	0.580	0.000	
04-May-24 07:00:00	13.434	0.066	0.493	0.624	3.780	14.435	834170.593	141.821	0.021093	5.858484	0.00014484	0.04001135	0.000411	0.1142989	28.764	0.134	0.493	8.165	
04-May-24 08:00:00	13.537	0.132	0.505	0.639	4.420	14.526	871107.754	144.160	0.022187	6.163176	0.00027928	0.07757147	0.000440	0.1221474	29.410	0.248	0.505	9.408	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-24 09:00:00	12.302	0.090	0.309	0.526	0.078	13.933	1389204.959	227.841	0.032060	8.905419	0.00034738	0.09649891	0.000553	0.1536394	24.458	0.190	0.309	0.056	
04-May-24 10:00:00	13.221	0.062	0.615	0.741	0.913	14.064	994171.692	158.908	0.024720	6.869188	0.00016185	0.04495998	0.000611	0.1698151	26.601	0.125	0.615	1.021	
04-May-24 11:00:00	16.772	0.009	0.656	0.691	0.000	13.761	1603940.942	253.967	0.044627	12.396617	3.5836E-05	0.00995942	0.000836	0.2322947	30.505	0.009	0.656	0.000	
04-May-24 12:00:00	11.712	0.093	0.452	0.587	0.368	14.148	1314541.616	210.739	0.026967	8.046265	0.0002809	0.07800521	0.000609	0.1688792	24.001	0.181	0.462	0.601	
04-May-24 13:00:00	18.370	0.000	0.588	0.716	0.000	13.698	1536960.939	260.085	0.053116	14.755172	0	0	0.000901	0.2501454	35.335	0.000	0.588	0.000	
04-May-24 14:00:00	18.373	0.129	0.518	0.651	0.000	13.637	1478463.857	250.957	0.050965	14.157061	0.00049042	0.13672662	0.000766	0.2128448	34.955	0.245	0.518	0.000	
04-May-24 15:00:00	12.849	0.129	0.582	0.706	1.391	14.158	1191441.162	188.411	0.026883	6.800724	0.00039609	0.11083655	0.000693	0.1929182	26.413	0.265	0.582	2.730	
04-May-24 16:00:00	10.813	0.073	0.709	0.844	10.814	14.513	970475.037	148.659	0.019378	5.382795	0.00018438	0.05121592	0.000665	0.1911638	22.999	0.249	0.709	22.703	
04-May-24 17:00:00	18.512	0.195	0.397	0.435	0.000	13.630	1444364.975	247.936	0.050295	13.978781	0.00073064	0.20295802	0.000444	0.1233224	35.357	0.385	0.397	0.000	
04-May-24 18:00:00	15.296	0.184	0.359	0.494	2.444	14.569	862295.320	141.454	0.024489	6.802550	0.0004146	0.11518599	0.000317	0.0881842	32.945	0.392	0.359	5.529	
04-May-24 19:00:00	13.277	0.158	0.231	0.354	2.891	14.088	1168790.405	194.647	0.029195	8.109667	0.0004829	0.13413766	0.000270	0.0750669	26.594	0.314	0.231	1.817	
04-May-24 20:00:00	16.905	0.067	0.365	0.493	0.000	13.704	1483156.782	257.068	0.047178	13.104314	0.00022089	0.06130139	0.000541	0.1503886	32.524	0.128	0.365	0.000	
04-May-24 21:00:00	13.201	0.002	0.697	0.539	0.069	13.757	1411970.215	233.064	0.035069	9.741333	7.4261E-06	0.00206337	0.000984	0.2753017	25.618	0.002	0.697	0.000	
04-May-24 22:00:00	10.088	0.001	0.679	0.814	0.315	14.179	1314383.423	210.635	0.024946	6.929485	2.5586E-06	0.00079436	0.000892	0.2478073	20.788	0.002	0.679	0.643	
04-May-24 23:00:00	15.735	0.166	0.790	0.870	1.724	14.408	852155.456	141.040	0.025226	7.007726	0.00037644	0.10290131	0.000639	0.1774849	33.567	0.361	0.790	3.484	
05-May-24 00:00:00	11.243	0.000	0.645	0.776	3.833	14.184	1168954.108	185.945	0.024722	6.867149	6.3817E-07	0.00017727	0.000753	0.2092096	22.943	0.000	0.645	8.091	
05-May-24 01:00:00	16.591	0.000	0.464	0.592	0.000	13.681	1481498.169	257.585	0.043458	12.071930	0	0	0.000687	0.1908688	31.844	0.000	0.464	0.000	
05-May-24 02:00:00	7.917	0.109	0.608	0.743	9.657	14.381	1232482.066	200.292	0.018367	5.098225	0.00035165	0.09768903	0.000749	0.2080854	16.730	0.336	0.608	20.301	
05-May-24 03:00:00	9.748	0.036	0.624	0.651	3.666	14.183	1180654.014	165.887	0.021649	6.013622	0.00011613	0.03058273	0.000618	0.1717248	20.092	0.062	0.624	7.767	
05-May-24 04:00:00	11.177	0.092	0.584	0.713	6.195	14.350	877047.545	138.905	0.018443	5.123085	0.00021103	0.05862046	0.000512	0.1421579	23.625	0.201	0.584	11.066	
05-May-24 05:00:00	13.902	0.092	0.492	0.624	0.000	13.724	1495727.661	257.492	0.039122	10.867170	0.00036140	0.10041369	0.000736	0.2046650	26.834	0.185	0.492	0.000	
05-May-24 06:00:00	14.011	0.091	0.521	0.650	0.000	13.733	1505719.871	257.544	0.039717	11.032626	0.0003594	0.09983295	0.000785	0.2180709	27.076	0.175	0.521	0.000	
05-May-24 07:00:00	14.277	0.214	0.584	0.729	0.984	14.235	906725.837	140.712	0.024410	6.780685	0.00050877	0.14132538	0.000531	0.1473984	29.544	0.444	0.584	2.051	
05-May-24 08:00:00	13.300	0.271	0.401	0.534	3.924	14.486	836868.1592	145.2365932	0.020863	5.831502	0.00050488	0.16518968	0.000336	0.0933864	28.719	0.549235185	0.420710256	8.488907814	
05-May-24 09:00:00	12.859	0.088	0.287	0.431	2.385	14.206	1068673.287	173.1631105	0.025814	7.178571	0.00024059	0.06685874	0.000317	0.0880431	25.610	0.183536606	0.297060072	4.54365436	
05-May-24 10:00:00	9.274	0.003	0.556	0.692	3.451	14.406	887583.9233	141.7518138	0.013488	4.361745	7.2267E-06	0.00200826	0.000493	0.1370487	19.782	0	0.555857314	7.358801446	
05-May-24 11:00:00	14.381	0.026	0.769	0.907	1.958	14.298	898888.7329	146.791748	0.024206	6.723758	6.7578E-05	0.01877157	0.000689	0.1913564	30.064	0.128708987	0.778918184	4.050966772	
05-May-24 12:00:00	14.014	0.006	0.585	0.726	3.128	14.525	849093.9844	141.5046752	0.022367	6.218700	0	0	0.000497	0.1378597	30.432	0.012308327	0.58400042	6.901818428	
05-May-24 13:00:00	14.145	0.074	0.681	0.815	3.793	14.549	849031.9450	141.1748962	0.022619	6.282998	0.00010455	0.04579728	0.000578	0.1606737	30.824	0.164451592	0.680565048	8.222803116	
05-May-24 14:00:00	16.386	0.030	0.664	0.802	1.225	14.444	901101.0742	140.0441742	0.027788	7.718536	4.8229E-05	0.01284152	0.000589	0.1637378	35.146	0.053880159	0.694147565	2.780468816	
05-May-24 15:00:00	12.280	0.000	0.680	0.616	2.036	14.459	906210.7844	144.7432709	0.018587	5.166738	6.0022E-07	0.00016673	0.000549	0.1523808	25.397	0.000569985	0.690471122	4.377248287	
05-May-24 16:00:00	13.290	0.000	0.748	0.872	4.171	14.561	880990.0613	143.0561056	0.022929	6.119080	0	0	0.000659	0.1830928	28.976	0	0.743124429	9.038708961	
05-May-24 17:00:00	11.234	0.000	0.682	0.831	4.259	14.631	826834.7169	143.6723907	0.017475	4.854296	0	0	0.000564	0.1567504	24.798	0	0.692443862	9.281075974	
05-May-24 18:00:00	13.325	0.011	0.631	0.748	6.075	14.606	902907.1045	140.5806611	0.022635	6.287476	2.5246E-05	0.00701238	0.000578	0.1582141	29.305	0.041772296	0.630818784	13.10574527	
05-May-24 19:00:00	9.588	0.001	0.490	0.614	8.308	14.607	875742.3708	140.6508887	0.015795	4.387426	3.4213E-06	0.00095035	0.000429	0.1191094	21.082	0	0.486918381	19.47360729	
05-May-24 20:00:00	12.151	0.080	0.668	0.686	6.237	14.612	853995.6267	140.4962311	0.019752	5.486734	0.00018091	0.0502541	0.000479	0.1331851	26.734	0.164288827	0.664930985	13.81299073	
05-May-24 21:00:00	9.759	0.000	0.658	0.796	2.361	14.260	1236501.963	192.6225067	0.021540	5.983306	0	0	0.000813	0.2259133	19.259	0	0.697732844	5.187718391	
05-May-24 22:00:00	10.611	0.000	0.610	0.736	1.347	14.178	1296218.618	214.7176903	0.025937	7.204758	0	0	0.000793	0.2202221	21.850	0	0.610712932	2.758297443	
05-May-24 23:00:00	10.216	0.002	0.365	0.498	0.685	14.380	989399.0134	172.9502803	0.028324	7.867713	4.186E-06	0.00116565	0.000361	0.1001970	22.316	0.003325062	0.364575867	1.205615429	
06-May-24 00:00:00	11.287	0.000	0.511	0.553	1.467	14.159	1164073.12	192.6913808	0.024876	6.854338	0	0	0.000580	0.1632248	23.143	0	0.510971775	2.802406154	
06-May-24 01:00:00	11.199	0.000	0.701	0.838	8.173	14.417	848248.4181	137.8441298	0.017872	4.964573	0	0	0.000595	0.1651788	23.221	0	0.701029656	17.58860369	
06-May-24 02:00:00	10.947	0.008	0.577	0.710	2.706	14.253	1211227.651	196.1216872	0.024947	6.929714	2.4106E-05	0.00669665	0.000699	0.1940584	22.635	0.016973883	0.578911552	5.605512583	
06-May-24 03:00:00	11.055	0.000	0.521	0.653	11.366	14.564	902860.3711	138.8393982	0.016604	4.638661	0	0	0.000416	0.1161378	24.117	0	0.520745158	24.81659701	
06-May-24 04:00:00	17.014	0.111	0.436	0.532	9.345	14.278	1005379.333	169.8800049	0.012181	8.836712	0.00029224	0.08117788	0.000490	0.1365123	35.626	0.231900936	0.436047715	0.785865748	
06-May-24 05:00:00	9.045	0.107	0.806	0.932	6.584	14.282	1171912.72	187.9125275	0.019942	5.539681	0.00032782	0.09106162	0.000947	0.2631909	18.951	0.248739451	0.808426526	14.11244774	
06-May-24 06:00:00	14.885	0.081	0.434	0.589	1.720	14.400	822737.2437	141.9236287	0.023016	6.391816	0.00013061	0.03633561	0.000357	0.0991538	31.953	0.13872274	0.433861017	3.677161846	
06-May-24 07:00:00	13.919	0.000	0.523	0.662	3.452	14.443	791628.0966	142.1460114	0.020730	5.758372	0	0	0.000414	0.1148703	30.077	0	0.522839055	4.98432904	
06-May-24 08:00:00	13.607	0.130	0.491	0.616	4.006	14.416	924482.8298	157.7014816	0.024109	6.696950	0.00031546	0.08762726	0.000454	0.1261579	29.397	0.281837689	0.491279082	8.650027031	
06-May-24 09:00:00	13.181	0.170	0.581	0.729	5.467	14.451	898089.0024	141.235084	0.022236	6.178797	0.00039924	0.11089954	0.000522	0.1448716	28.372	0.350025878	0.580734288	11.4381237	
06-May-24 10:00:00	13.047	0.143	0.497	0.635	4.688	14.537	875113.0981	142.69688	0.021480	5.966781	0.00032763	0.09100733	0.000435	0.1208278	28.393	0.315288298	0.497056978	10.50548551	
06-May-24 11:00:00	16.026	0.254	0.404	0.526	2.204	14.463	858691.4017	142.9571076	0.024216	6.726551	0.00059144	0.16428839	0.000345	0.0961927	32.300	0.625456452	0.404269249	4.707334047	
06-May-24 12:00:00	13.784	0.216	0.600	0.620	4.007	14.642	877724.3042	145.653833	0.021938	6.093466	0.00049617	0.13782307	0.000439	0.1218376	29.926	0.460948319	0.489718964	8.541521072	
06-May-24 13:00:00	13.567	0.124	0.420	0.543	3.896	14.565	826456.1769	143.4090729	0.021079	5.855236	0.00026912	0.07475458	0.000347	0.0964033	28.616	0.274687603	0.419927665	8.497840661	
06-May-24 14:00:00	11.387	0.071	0.578	0.723	7.526	14.420	844451.0613	152.4169464	0.018090	5.024946	0.00015734	0.04370496	0.000489	0.1359712	24.268	0.157912527	0.579452868	16.32633016	
06-May-24 15:00:00	10.681	0.240	0.588	0.721	5.305	14.354	1136048.887	195.5760498	0.021606	6.001783	0.00071309	0.19833107	0.000667	0.1851768	21.337	0.514231443	0.58577013	10.40545337	
06-May-24 16:00:00	14.487	0.000	0.777	0.866	1.856	14.412	831562.5078	142.634079	0.022664	6.295475	0	0	0.000640	0.1784584	30.925	0.001690945	0.779567168	4.755412102	
06-May-24 17:00:00	14.166	0.056	0.863	0.866	3.951	14.385	842642.8224	141.1750186	0.022301	6.194825	0.00012424	0.03451	0.000466	0.1293863	30.354	0.12366932	0.56267451	8.39056878	
06-May-24 18:00:00	15.627	0.175	0.410	0.547	2.336	14.485	865809.5435	143.9879085	0.025306	7.027833	0.0003852	0.10677545	0.000353	0.0979925	33.705	0.395809114	0.409035154	5.031650543	
06-May-24 19:00:00	13.321	0.298	0.594	0.694	3.816	14.608	875637.5063	141.6252699	0.021945	6.096891	0.00066886	0.18012721	0.000486	0.1345525	29.303	0.587192671	0.59441781	12.83737183	
06-May-24 20:00:00	12.641	0.158	0.354	0.496	1.851	13.209	1202590.166	195.0142975	0.028602	7.945092	0.00052915	0.14698662	0.000438	0.1217664	26.170	0.340750022	0.364487194	3.864947056	
06-May-24 21:00:00	17.804	0.184	0.396	0.539	0.146	13.895	1347169.658	223.6870117	0.045125	12.534687	0.00066953	0.18678358	0.000536	0.1487826	36.209	0.353356983	0.39738715	0.068266277	
06-May-24 22:00:00	10.762	0.000	0.492	0.612	1.404	14.199	985177.2481	157.2008865	0.019583	5.434124	0	0	0.000475	0.1319715	22.239	0	0.491728922	2.771869884	
06-May-24 23:00:00	8.790	0.245	0.861	0.990	11.636	14.369	1161328.979	179.087328	0.019183	5.328494	0.00074881	0.20798308	0.001000	0.2778808	18.907	0.534077277	0.881332271	24.42787784	
07-May-24 00:00:00	13.659	0.005	0.517	0.659	3.825	14.527	860507.1411	141.6061026	0.022114	6.142720	1.1533E-05	0.00320359	0.000445	0.1235813	29.670	0.011765813	0.516920813	8.078957558	
07-May-24 01:00:00	12.362	0.069	0.435	0.989	1.300	14.099	1219680.542	198.129303	0.028308	7.879491	0.0002159	0.05990544	0.000525	0.1459179	25.160	0.149912894	0.430597428	3.575086576	
07-May-24 02:00:00	14.068	0.213	0.425	0.556	3.571	14.530	926129.6011	142.3145362	0.021897	6.082590	0.00046141	0.12816962	0.000352	0.0979093	30.606	0.508640626	0.425182091	7.898836816	
07-May-24 03:00:00	13.068	0.144	0.585	0.723	5.779	14.506	844077.8442	142.7309902	0.020759	5.766452	0.00031749	0.08818299	0.000497	0.1380689	28.495	0.323704988	0.588323176	12.33328056	
07-May-24 04:00:00	12.788	0.093	0.563	0.719	4.951	14.547	850255.8457	142.0928514	0.020697	5.749266	0.00021926	0.06040191	0.000501	0.1392419	27.843	0.200740486	0.562686481	10.80879496	
07-May-24 05:00:00	13.159	0.330	0.553	0.585	4.445	14.514	868845.0571	144.0324249	0.021521	5.978030	0.00052281	0.14518942	0.000481	0.1334816	28.554	0.457523227	0.553198578	9.707037128	
07-May-24 06:00:00	13.194	0.354	0.648	0.777	5.232	14.513	880018.8816	142.4592383	0.021983	6.109252	0.00082039	0.2278848	0.000572	0.1588800	28.586	0.764570632	0.645645344	11.46174717	
07-May-24 07:00:00	13.094	0.251	0.601	0.727	4.957	14.567	858148.0101	142.2455015	0.021149	5.874614	0.00056397	0.15666684	0.000516	0.1433330	28.324	0.537450254	0.600593567	10.6837118	
07-May-24 08:00:00	12.132	0.283	0.546	0.676	7.721	14.644	889821.3986	144.8782207	0.020443	5.678866	0.00061736	0.17148824	0.000491	0.1364871	26.417	0.573084565	0.548295796	16.711092	
07-May-24 09:00:00	14.033	0.233	0.506	0.654	2.568	14.479	918003.0873	141.6759627	0.022662	6.292253	0.00052314	0.14531724	0.000434	0.1208262	30.254	0.491590917	0.505896801	5.489074936	
07-May-24 10:00:00	14.784	0.122	0.426	0.562	3.221	14.560	877518.4692	142.0913381	0.024429	6.785482	0.00028126	0.07813455	0.000376	0.1042417	32.279	0.265972846	0.427900473	6.990081365	
07-May-24 11:00:00	14.911	0.200	0.492	0.678	3.340	14.691	889066.762	141.6483612	0.024172	6.714552	0.00047815	0.1328068	0.000438	0.1268621	31.849	0.475362765	0.491910785	7.335810921	
07-May-24 12:00:00	13.479	0.127	0.432	0.571	5.123	14.532	889765.3509	143.7295167	0.022983	6.287564	0.00029501	0.0819475	0.000389	0.1071354	29.310	0.300231683	0.433470876	11.28883658	
07-May-24 13:00:00	15.476	0.027	0.436	0.571	1.378	14.384	912484.8191	141.9939035	0.026568	7.380007	6.5095E-05	0.01808289	0.000397	0.1102906	32.887	0.05697388	0.433126483	2.907830572	
07-May-24 14:00:00	14.642	0.211	0.472	0.604	3.075	14.549	911120.3813	144.1006775	0.025099	6.971868	0.00050325	0.13979471	0.000430	0.1195798	31.912	0.458445563	0.472480416	6.534357895	
07-May-24 15:00:00	14.104	0.152	0.467	0.609	3.743	14.529	907659.6005	142.5072632	0.024090	6.691545	0.00036164	0.10045438	0.000424	0.1177357	30.614	0.329909178	0.466935589	7.807107815	
07-May-24 16:00:00	15.223	0.126	0.463	0.596	3.399	14.466	884201.8433	144.8444366	0.025324	7.034446	0.00029526	0.08201751	0.000409	0.1137291	32.891	0.274787101	0.463044375	4.84231059	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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09-May-24 19:00:00	20.129	0.000	0.534	0.855	0.000	13.876	1560744.141	270.3953247	0.062515	17.365360	0	0	0.000881	0.2446878	38.602	0	0.533845391	0	
09-May-24 20:00:00	11.957	0.000	0.619	0.748	8.580	14.482	1047279.297	159.9139404	0.023447	6.513141	0	0	0.000645	0.1792964	25.795	0	0.819284213	14.75739066	
09-May-24 21:00:00	14.781	0.031	0.398	0.436	3.489	14.583	937353.8708	144.8512726	0.026032	7.231122	7.8196E-05	0.02115448	0.000279	0.0774687	33.344	0.113218375	0.287514820	7.370191007	
09-May-24 22:00:00	14.125	0.001	0.428	0.587	4.275	14.549	942923.7061	144.3498077	0.025059	6.960935	3.4302E-08	0.00095284	0.000403	0.1120315	30.800	0.002597831	0.427726607	9.29860919	
09-May-24 23:00:00	14.457	0.000	0.388	0.544	5.275	14.628	881583.0792	142.259491	0.023965	6.656920	0	0	0.000350	0.0973025	31.305	0	0.387588691	11.87515985	
10-May-24 00:00:00	13.780	0.000	0.474	0.516	1.634	14.462	929184.6631	144.7414703	0.024001	6.666982	0	0	0.000441	0.1224326	29.474	0	0.474383953	3.00291872	
10-May-24 01:00:00	16.497	0.000	0.320	0.444	2.251	14.529	868734.624	142.3064575	0.026963	7.489632	0	0	0.000276	0.0771114	35.832	0	0.319544873	4.981636312	
10-May-24 02:00:00	14.234	0.000	0.630	0.576	5.337	14.548	910374.6099	143.2285472	0.024539	6.816448	0	0	0.000486	0.1350077	31.013	0	0.63840421	11.67063618	
10-May-24 03:00:00	16.513	0.000	0.521	0.675	2.794	14.484	888715.8913	143.5437469	0.026380	7.333121	0	0	0.000466	0.1298457	33.458	0	0.520625396	6.013460634	
10-May-24 04:00:00	14.359	0.000	0.580	0.721	4.306	14.512	857378.9673	143.0068207	0.023161	6.433716	0	0	0.000487	0.1361501	31.118	0	0.580070496	9.040710449	
10-May-24 05:00:00	14.342	0.000	0.606	0.643	3.549	14.487	896862.4266	143.927586	0.025100	6.972194	0	0	0.000459	0.1264856	32.032	0	0.606260097	7.658835356	
10-May-24 06:00:00	14.488	0.000	0.614	0.658	4.374	14.515	924519.4092	142.5226593	0.025185	6.990274	0	0	0.000475	0.1319413	31.382	0	0.613768376	9.528967857	
10-May-24 07:00:00	14.834	0.000	0.644	0.680	3.350	14.496	881927.053	143.0690801	0.024613	6.836826	0	0	0.000480	0.1332222	32.059	0	0.643809118	7.345041752	
10-May-24 08:00:00	16.326	0.000	0.616	0.754	2.395	14.431	909802.417	144.7931061	0.027930	7.760881	0	0	0.000560	0.1566811	34.946	0	0.616150498	5.034587356	
10-May-24 09:00:00	11.618	0.000	0.431	0.587	3.431	14.500	864158.5401	142.3061371	0.018880	5.244676	0	0	0.000372	0.1034313	25.527	0	0.430879603	7.370162487	
10-May-24 10:00:00	14.845	0.000	0.560	0.689	2.929	14.505	864048.9502	142.9009857	0.024610	6.660581	0	0	0.000476	0.1327386	32.344	0	0.559621675	6.810294342	
10-May-24 11:00:00	13.907	0.000	0.403	0.529	3.058	14.255	1005086.108	164.3393402	0.026476	7.354514	0	0	0.000405	0.1125540	29.213	0	0.40302372	6.669176556	
10-May-24 12:00:00	16.185	0.000	0.311	0.453	1.349	14.296	960525.1465	163.2660826	0.029248	8.124451	0	0	0.000299	0.0829425	33.920	0	0.310864161	2.787119637	
10-May-24 13:00:00	22.948	0.000	0.515	0.593	0.000	13.825	1518368.408	263.3740390	0.065563	18.209154	0	0	0.000782	0.2172926	44.931	0	0.515191853	0	
10-May-24 14:00:00	22.988	0.000	0.429	0.582	0.000	13.716	1547522.461	263.6379944	0.066930	18.591680	0	0	0.000657	0.1825200	44.320	0	0.424828619	0	
10-May-24 15:00:00	21.851	0.000	0.441	0.579	0.000	13.844	1484926.147	254.167052	0.060225	16.729030	0	0	0.000646	0.1794536	42.598	0	0.441000313	0	
10-May-24 16:00:00	21.081	0.000	0.778	0.907	0.000	13.586	1466227.734	256.0890503	0.058181	16.161454	0	0	0.001136	0.3160645	39.929	0	0.778132322	0	
10-May-24 17:00:00	19.769	0.000	0.776	0.913	0.000	13.778	1446282.349	252.1442413	0.053793	14.942511	0	0	0.001123	0.3118921	38.456	0	0.776492695	0	
10-May-24 18:00:00	19.953	0.000	0.802	0.936	0.000	13.810	1543616.234	262.9449463	0.057906	16.085519	0	0	0.001238	0.3438703	38.959	0	0.802489758	0	
10-May-24 19:00:00	21.266	0.000	0.590	0.721	0.000	13.832	1511932.495	261.9198303	0.060462	16.794806	0	0	0.000892	0.2478194	40.928	0	0.590072572	0	
10-May-24 20:00:00	17.413	0.000	0.674	0.789	0.000	13.676	1487902.197	262.7662588	0.048732	13.536838	0	0	0.001002	0.2783077	33.372	0	0.673605905	0	
10-May-24 21:00:00	16.060	0.000	0.764	0.931	0.000	13.883	1568037.476	265.2680664	0.044003	12.223105	0	0	0.001186	0.3295840	28.795	0	0.763944060	0	
10-May-24 22:00:00	13.574	0.000	0.775	0.910	4.840	14.253	948479.9805	162.3447571	0.024223	6.728583	0	0	0.000736	0.2041215	28.377	0	0.774752788	9.459994492	
10-May-24 23:00:00	14.207	0.000	0.709	0.848	4.604	14.347	949777.3827	160.614212	0.025378	7.049578	0	0	0.000673	0.1870543	32.622	0	0.709003606	9.549350494	
11-May-24 00:00:00	14.067	0.000	0.696	0.844	4.932	14.292	962258.5308	160.3706828	0.025458	7.071660	0	0	0.000672	0.1866782	29.488	0	0.698371549	10.3816021	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
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Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
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16-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-May-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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29-May-24 12:00:00	28.276	0.019	0.796	0.843	0.000	13.558	1647408.203	258.832	0.087640	24.344520	8.0463E-05	0.02234790	0.001312	0.3644782	53.360	0.028	0.798	0.000	
29-May-24 13:00:00	30.585	0.000	1.083	1.205	0.000	13.487	1487348.755	253.059	0.085628	23.757906	0	0	0.001611	0.4475512	57.127	0.002	1.083	0.000	
29-May-24 14:00:00	27.456	0.000	0.987	1.138	0.013	13.921	1293856.518	207.690	0.066823	18.562060	0	0	0.001277	0.3546822	54.492	0.002	0.987	0.015	
29-May-24 15:00:00	30.588	0.000	1.094	1.225	0.000	13.517	1527929.410	255.232	0.087929	24.424758	0	0	0.001672	0.4644190	57.407	0.003	1.094	0.000	
29-May-24 16:00:00	29.514	0.000	1.083	1.211	0.000	13.499	1520045.044	253.927	0.085432	23.731601	0	0	0.001650	0.4583748	55.814	0.003	1.083	0.002	
29-May-24 17:00:00	25.827	0.000	1.048	1.187	3.137	13.826	1369317.139	224.546	0.066337	18.482426	0	0	0.001435	0.3985317	50.671	0.003	1.048	0.205	
29-May-24 18:00:00	26.980	0.000	0.992	1.133	0.000	13.561	1503528.489	254.051	0.076061	21.127932	0	0	0.001491	0.4142861	50.710	0.003	0.992	0.000	
29-May-24 19:00:00	25.678	0.000	0.883	1.032	0.000	13.596	1503157.837	253.220	0.072616	20.171758	0	0	0.001327	0.3688183	48.709	0.003	0.883	0.000	
29-May-24 20:00:00	26.100	0.000	0.922	1.039	0.000	13.549	1512531.982	258.680	0.082866	23.082124	0	0	0.001394	0.3872351	54.845	0.007	0.922	0.000	
29-May-24 21:00:00	28.158	0.000	0.928	1.061	0.000	13.547	1526929.907	257.371	0.080896	22.471534	0	0	0.001418	0.3933357	53.084	0.000	0.928	0.000	
29-May-24 22:00:00	28.544	0.000	1.001	1.127	0.000	13.538	1509359.131	290.798	0.081348	22.594452	0	0	0.001510	0.4195240	53.915	0.000	1.001	0.000	
29-May-24 23:00:00	27.264	0.000	1.090	1.225	0.000	13.568	1528679.348	253.673	0.078881	21.914037	0	0	0.001676	0.4080314	51.511	0.000	1.060	0.000	
30-May-24 00:00:00	24.940	0.000	1.268	1.409	8.757	14.197	895585.027	153.617	0.042672	11.872851	0	0	0.001135	0.3154012	51.510	0.000	1.268	14.481	
30-May-24 01:00:00	28.918	0.000	1.116	1.260	0.000	13.670	1571785.034	255.697	0.079601	22.111361	0	0	0.001753	0.4866584	51.568	0.000	1.115	0.000	
30-May-24 02:00:00	23.774	0.000	1.123	1.266	0.000	13.679	1542395.505	250.788	0.068987	19.163138	0	0	0.001732	0.4812437	45.571	0.000	1.123	0.000	
30-May-24 03:00:00	27.168	0.000	1.184	1.321	0.000	13.633	1568110.382	255.537	0.080122	22.256143	0	0	0.001857	0.5158388	51.768	0.002	1.184	0.000	
30-May-24 04:00:00	27.674	0.000	0.882	1.022	2.387	14.227	806062.984	145.960	0.041948	11.652161	0	0	0.000711	0.1974321	57.417	0.002	0.882	4.987	
30-May-24 05:00:00	25.503	0.000	1.046	1.187	7.138	14.331	891478.760	144.889	0.042775	11.881024	0	0	0.000933	0.2591342	53.733	0.000	1.045	14.912	
30-May-24 06:00:00	24.578	0.000	1.234	1.378	17.267	14.667	868686.829	139.919	0.040105	11.198817	0	0	0.001072	0.2978397	53.849	0.000	1.234	37.967	
30-May-24 07:00:00	25.869	0.000	1.084	1.223	6.581	14.322	871503.552	142.798	0.042418	11.782209	0	0	0.000945	0.2623742	54.441	0.000	1.084	13.767	
30-May-24 08:00:00	23.253	0.000	1.148	1.295	5.905	14.377	894670.844	151.065	0.039140	10.872196	0	0	0.001029	0.2848954	49.398	0.000	1.145	14.625	
30-May-24 09:00:00	24.134	0.000	1.113	1.251	0.109	13.883	1376405.151	235.110	0.062497	17.360337	0	0	0.001532	0.4256245	46.331	0.000	1.113	0.000	
30-May-24 10:00:00	25.354	0.000	1.109	1.254	4.577	14.280	826518.860	142.952	0.039521	10.977908	0	0	0.000919	0.2552080	52.639	0.000	1.109	9.583	
30-May-24 11:00:00	27.148	0.000	1.149	1.292	4.752	14.318	857872.988	153.610	0.044327	12.313173	0	0	0.000988	0.2776840	57.086	0.000	1.149	9.966	
30-May-24 12:00:00	26.748	0.000	1.238	1.346	0.000	13.709	1380984.722	231.049	0.069405	19.384225	0	0	0.001666	0.4636378	51.527	0.000	1.206	0.000	
30-May-24 13:00:00	29.201	0.000	1.148	1.283	0.104	13.573	1451714.722	239.861	0.079754	22.154085	0	0	0.001667	0.4629501	55.338	0.000	1.148	0.093	
30-May-24 14:00:00	29.527	0.000	1.243	1.370	0.000	13.539	1596758.348	291.983	0.088832	24.619053	0	0	0.001984	0.5510979	55.581	0.000	1.243	0.000	
30-May-24 15:00:00	24.786	0.000	1.081	1.218	0.094	13.751	1341036.133	210.617	0.062533	17.370187	0	0	0.001450	0.4028173	48.037	0.000	1.081	0.109	
30-May-24 16:00:00	29.318	0.000	1.145	1.274	0.000	13.483	1596531.880	254.779	0.088062	24.461765	0	0	0.001828	0.5076817	54.826	0.000	1.145	0.001	
30-May-24 17:00:00	25.226	0.000	1.012	1.158	4.431	14.295	876831.348	142.615	0.043258	12.015985	0	0	0.000888	0.2466333	54.979	0.005	1.012	8.310	
30-May-24 18:00:00	27.208	0.000	1.109	1.248	4.124	14.275	882179.993	141.913	0.043673	12.131438	0	0	0.000946	0.2627881	58.865	0.000	1.109	8.483	
30-May-24 19:00:00	24.916	0.000	1.119	1.263	2.890	13.914	1435292.725	238.330	0.066200	18.389012	0	0	0.001606	0.4460824	48.011	0.000	1.119	5.545	
30-May-24 20:00:00	27.091	0.000	1.116	1.258	0.000	13.682	1560459.156	257.010	0.079026	21.951752	0	0	0.001736	0.4856805	51.288	0.002	1.116	0.000	
30-May-24 21:00:00	27.603	0.000	0.880	1.032	0.000	13.648	1570530.493	256.184	0.081565	22.658906	0	0	0.001388	0.3864478	51.909	0.000	0.880	0.000	
30-May-24 22:00:00	25.458	0.000	0.928	1.088	4.985	14.289	887872.881	143.333	0.044494	12.359564	0	0	0.000829	0.2303784	56.302	0.000	0.928	10.445	
30-May-24 23:00:00	28.512	0.001	1.085	1.225	5.881	14.331	917471.313	143.505	0.045763	12.711887	0	0	0.001000	0.2778820	56.884	0.000	1.090	12.158	
31-May-24 00:00:00	25.563	0.001	1.208	1.343	5.801	14.307	935951.853	143.787	0.041536	11.537805	0	0	0.001132	0.3143986	48.484	0.000	1.208	12.213	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-24 01:00:00	26.016	0.000	1.308	1.347	0.000	13.846	1601839.478	270.992	0.078401	21.778183	0	0	0.001935	0.5375844	49.806	0.000	1.308	0.000	
31-May-24 02:00:00	23.613	0.000	1.245	1.383	9.575	14.075	1254610.069	187.992	0.052534	14.592886	0	0	0.001537	0.4274585	45.879	0.000	1.245	19.053	
31-May-24 03:00:00	26.423	0.000	0.806	0.942	5.125	14.268	898346.497	145.054	0.045604	12.639877	0	0	0.000724	0.2011202	56.149	0.000	0.806	10.865	
31-May-24 04:00:00	24.741	0.000	0.898	1.037	8.651	14.137	1011359.497	167.779	0.047088	13.080049	0	0	0.000905	0.2522854	50.504	0.000	0.898	17.740	
31-May-24 05:00:00	25.217	0.000	0.900	1.041	7.724	14.071	980050.668	163.584	0.046636	12.954409	0	0	0.000882	0.2450612	51.255	0.000	0.900	15.629	
31-May-24 06:00:00	22.544	0.000	0.799	0.941	7.742	14.148	931203.430	163.151	0.039496	10.971106	0	0	0.000744	0.2066951	45.342	0.000	0.799	15.176	
31-May-24 07:00:00	23.145	0.000	0.784	0.920	5.402	14.124	993717.580	167.608	0.043328	12.607841	0	0	0.000778	0.2162154	47.300	0.000	0.784	10.874	
31-May-24 08:00:00	26.078	0.000	1.019	1.164	3.611	13.974	1014350.830	170.495	0.049766	13.824013	0	0	0.001033	0.2869775	52.174	0.000	1.019	6.963	
31-May-24 09:00:00	25.187	0.000	1.037	1.184	6.799	14.171	978498.637	181.718	0.046331	12.869881	0	0	0.001014	0.2817678	51.785	0.000	1.037	13.181	
31-May-24 10:00:00	26.866	0.000	1.204	1.346	3.999	14.025	941697.242	180.947	0.047252	13.125491	0	0	0.001134	0.3148883	50.668	0.000	1.204	7.774	
31-May-24 11:00:00	24.816	0.000	0.830	0.988	5.940	14.194	1014475.342	172.698	0.047366	13.157672	0	0	0.000842	0.2339146	51.244	0.000	0.830	18.582	
31-May-24 12:00:00	24.959	0.000	1.061	1.189	9.043	14.190	987624.453	187.364	0.046388	12.884063	0	0	0.001039	0.2885086	51.515	0.000	1.051	18.779	
31-May-24 13:00:00	22.882	0.000	1.164	1.320	7.737	14.195	1014299.988	182.152	0.043246	12.012555	0	0	0.001176	0.3250764	45.890	0.000	1.164	15.888	
31-May-24 14:00:00	25.036	0.000	0.989	1.132	9.007	14.138	1024714.111	185.820	0.048267	13.407406	0	0	0.001013	0.2814740	51.262	0.000	0.989	18.425	
31-May-24 15:00:00	26.588	0.000	1.173	1.316	4.342	14.012	978787.158	181.110	0.048960	13.600058	0	0	0.001148	0.3188815	53.447	0.000	1.173	7.787	
31-May-24 16:00:00	24.787	0.000	1.209	1.354	9.883	14.130	1007504.553	182.920	0.045831	13.038358	0	0	0.001218	0.3383815	50.718	0.000	1.209	20.178	
31-May-24 17:00:00	24.436	0.000	1.087	1.223	9.026	14.119	1008888.504	180.781	0.047292	13.136567	0	0	0.001116	0.3104725	49.908	0.000	1.087	18.479	
31-May-24 18:00:00	21.521	0.000	1.080	1.219	10.731	14.210	1036660.913	182.029	0.041939	11.647115	0	0	0.001087	0.3020861	44.520	0.000	1.086	21.852	
31-May-24 19:00:00	25.490	0.000	0.863	1.001	5.019	14.036	993182.038	183.172	0.047629	13.239367	0	0	0.000857	0.2380558	51.426	0.104	0.863	8.537	
31-May-24 20:00:00	24.567	0.050	0.903	1.048	10.941	14.213	993789.161	166.930	0.045934	12.759381	0.00013094	0.03637196	0.000897	0.2492519	50.862	0.106	0.903	22.088	
31-May-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jun-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	7.82	0.00	0.23	0.35	0.00	13.45	791,828.16	138.11	0.01	4.29	0.00	0.00	0.00	0.08	18.73	0.00	0.23	0.02	
Maximum	30.58	0.08	1.27	1.41	17.27	14.73	1,686,744.14	270.99	0.09	24.52	0.00	0.33	0.00	0.55	57.42	0.76	1.27	37.91	
Avg	17.66	0.06	0.69	0.83	3.19	14.15	1,532,943.87	188.40	0.04	10.78	0.08	0.04	0.00	0.22	35.94	0.12	0.69	6.14	
sum									8.04		0.03		0.18						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-May-24 01:00:00	22.728	0.000	1.273	1.448	0.080	13.399	13399.007	233.591	0.000508	0.154050	0	0	0.000017	0.0047385	40.870	0.000	1.273	0.044	
01-May-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-May-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
02-May-24 19:00:00	27.456	0.000	1.427	1.585	0.000	13.384	13384.158	267.370	0.000690	0.191756	0	0	0.000019	0.0052985	50.509	0.000	1.427	0.000	
02-May-24 20:00:00	27.270	0.000	1.297	1.418	0.000	13.387	13365.687	263.481	0.000686	0.190465	0	0	0.000017	0.0048021	50.154	0.000	1.297	0.000	
02-May-24 21:00:00	26.849	0.000	1.231	1.394	0.000	13.333	13353.201	293.090	0.000666	0.185093	0	0	0.000016	0.0045650	48.507	0.000	1.231	0.000	
02-May-24 22:00:00	25.578	0.000	1.190	1.351	0.000	13.325	13325.633	265.100	0.000644	0.178821	0	0	0.000016	0.0044033	46.983	0.000	1.190	0.000	
02-May-24 23:00:00	23.445	0.000	1.174	1.361	0.000	13.311	13310.924	251.894	0.000587	0.163090	0	0	0.000016	0.0043426	42.816	0.000	1.174	0.000	
03-May-24 00:00:00	21.888	0.000	1.210	1.389	0.000	13.247	13247.090	253.105	0.000546	0.151535	0	0	0.000016	0.0044541	39.639	0.000	1.210	0.000	
03-May-24 01:00:00	21.805	0.000	1.266	1.434	0.000	13.298	13287.780	263.207	0.000546	0.151530	0	0	0.000017	0.0046763	39.746	0.000	1.266	0.000	
03-May-24 02:00:00	21.018	0.000	1.229	1.423	0.000	13.258	13258.174	264.087	0.000524	0.145615	0	0	0.000016	0.0045278	38.120	0.000	1.229	0.000	
03-May-24 03:00:00	20.931	0.000	1.203	1.381	0.000	13.315	13315.203	257.586	0.000524	0.145451	0	0	0.000016	0.0044475	38.251	0.000	1.203	0.000	
03-May-24 04:00:00	21.879	0.000	1.234	1.408	0.000	13.280	13279.845	267.069	0.000547	0.151845	0	0	0.000016	0.0045506	39.792	0.000	1.234	0.000	
03-May-24 05:00:00	20.540	0.000	1.558	1.742	16.379	13.959	13957.917	162.033	0.000539	0.149639	0	0	0.000022	0.0060415	40.984	0.000	1.558	30.709	
03-May-24 06:00:00	19.509	0.000	1.804	1.981	29.212	14.250	14250.237	141.936	0.000523	0.145286	0	0	0.000026	0.0071407	40.638	0.000	1.804	61.320	
03-May-24 07:00:00	20.788	0.000	1.634	1.830	18.805	14.142	14142.125	143.406	0.000553	0.153649	0	0	0.000023	0.0064182	42.552	0.000	1.634	38.063	
03-May-24 08:00:00	20.086	0.000	1.682	1.849	24.717	14.194	14194.008	148.716	0.000536	0.148995	0	0	0.000024	0.0066316	41.488	0.000	1.682	50.666	
03-May-24 09:00:00	21.614	0.000	1.438	1.603	4.777	13.721	13721.329	208.793	0.000558	0.154991	0	0	0.000020	0.0054823	41.711	0.000	1.438	9.316	
03-May-24 10:00:00	22.818	0.000	1.429	1.610	7.063	13.873	13873.006	193.291	0.000590	0.163969	0	0	0.000020	0.0055081	44.571	0.000	1.429	14.055	
03-May-24 11:00:00	23.799	0.000	1.284	1.454	0.000	13.986	13984.884	250.262	0.000580	0.166225	0	0	0.000017	0.0047604	45.779	0.000	1.284	0.000	
03-May-24 12:00:00	20.044	0.000	1.780	1.948	24.479	14.376	14379.540	137.100	0.000542	0.150584	0	0	0.000025	0.0070276	42.907	0.000	1.780	51.559	
03-May-24 13:00:00	24.494	0.000	1.331	1.489	0.000	13.329	13328.937	260.457	0.000614	0.170622	0	0	0.000018	0.0049298	44.819	0.000	1.331	0.000	
03-May-24 14:00:00	26.232	0.000	1.388	1.564	0.000	13.291	13350.753	258.253	0.000654	0.181655	0	0	0.000018	0.0051106	47.573	0.000	1.388	0.000	
03-May-24 15:00:00	27.849	0.000	1.483	1.672	0.000	13.386	13385.856	262.298	0.000696	0.193413	0	0	0.000020	0.0055152	50.866	0.000	1.483	0.000	
03-May-24 16:00:00	26.727	0.000	1.381	1.544	0.000	13.352	13352.254	257.815	0.000671	0.186500	0	0	0.000018	0.0050482	49.059	0.000	1.381	0.000	
03-May-24 17:00:00	26.946	0.000	1.336	1.513	0.000	13.335	13334.600	247.355	0.000676	0.187777	0	0	0.000016	0.0049481	49.389	0.000	1.336	0.000	
03-May-24 18:00:00	27.104	0.000	1.246	1.418	0.000	13.421	13421.298	263.879	0.000684	0.190111	0	0	0.000017	0.0046455	50.120	0.000	1.246	0.000	
03-May-24 19:00:00	28.062	0.000	1.146	1.324	0.086	13.376	13369.616	240.129	0.000706	0.196213	0	0	0.000015	0.0042564	51.680	0.000	1.146	0.041	
03-May-24 20:00:00	20.708	0.000	1.764	1.938	30.305	14.448	14448.130	138.959	0.000563	0.156323	0	0	0.000025	0.0070779	44.411	0.000	1.764	65.132	
03-May-24 21:00:00	24.970	0.000	1.169	1.352	3.371	13.832	13832.233	216.231	0.000650	0.180508	0	0	0.000016	0.0044815	45.982	0.000	1.169	6.910	
03-May-24 22:00:00	19.414	0.000	1.874	2.042	22.209	14.023	14022.801	147.153	0.000512	0.142275	0	0	0.000029	0.0072983	39.090	0.000	1.874	44.659	
03-May-24 23:00:00	19.638	0.000	1.584	1.745	32.861	14.380	14380.372	154.608	0.000530	0.147253	0	0	0.000022	0.0062334	41.504	0.000	1.584	68.611	
04-May-24 00:00:00	20.158	0.000	1.505	1.984	26.762	14.247	14246.082	146.155	0.000540	0.150081	0	0	0.000026	0.0071444	41.941	0.000	1.505	55.068	
04-May-24 01:00:00	22.087	0.000	1.148	1.319	0.000	13.300	13299.513	258.389	0.000552	0.153374	0	0	0.000015	0.0042338	40.729	0.000	1.148	0.000	
04-May-24 02:00:00	20.321	0.000	1.793	1.983	24.950	14.189	14189.014	154.881	0.000542	0.150885	0	0	0.000025	0.0070088	41.886	0.000	1.793	50.512	
04-May-24 03:00:00	21.329	0.000	1.178	1.353	0.000	13.300	13300.383	254.870	0.000534	0.148254	0	0	0.000016	0.0043539	38.908	0.000	1.178	0.000	
04-May-24 04:00:00	24.314	0.000	1.204	1.385	6.407	13.892	13892.138	130.885	0.000607	0.168536	0	0	0.000017	0.0046476	45.358	0.000	1.204	12.522	
04-May-24 05:00:00	21.839	0.000	1.524	1.707	13.419	14.088	14085.578	140.498	0.000578	0.160508	0	0	0.000021	0.0059553	44.265	0.000	1.524	27.036	
04-May-24 06:00:00	22.139	0.000	1.248	1.411	0.000	13.240	13240.131	239.204	0.000551	0.153150	0	0	0.000017	0.0045965	40.050	0.000	1.248	0.000	
04-May-24 07:00:00	20.105	0.000	1.670	1.853	18.246	14.151	14180.601	142.409	0.000547	0.151960	0	0	0.000024	0.0065793	42.235	0.000	1.670	37.486	
04-May-24 08:00:00	20.291	0.000	1.872	2.045	21.868	14.210	14200.634	142.959	0.000542	0.150680	0	0	0.000027	0.0073670	42.001	0.000	1.872	45.168	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-May-24 09:00:00	20.887	0.000	1.302	1.477	1.300	13.548	13547.784	227.793	0.000532	0.147885	0	0	0.000016	0.0045292	39.325	0.000	1.302	2.418	
04-May-24 10:00:00	25.019	0.000	1.551	1.732	3.084	13.743	13742.723	157.905	0.000647	0.179698	0	0	0.000021	0.0059205	48.437	0.000	1.551	5.751	
04-May-24 11:00:00	24.177	0.000	1.280	1.457	0.000	13.317	13316.874	254.404	0.000606	0.168250	0	0	0.000017	0.0047333	44.135	0.000	1.280	0.000	
04-May-24 12:00:00	25.685	0.000	1.368	1.505	3.112	13.785	13785.207	216.666	0.000611	0.169695	0	0	0.000019	0.0052384	45.861	0.000	1.368	5.995	
04-May-24 13:00:00	25.632	0.000	1.435	1.507	0.000	13.339	13338.814	260.652	0.000644	0.178828	0	0	0.000018	0.0053176	47.012	0.000	1.435	0.000	
04-May-24 14:00:00	24.214	0.000	1.249	1.413	0.000	13.296	13296.210	250.578	0.000606	0.168254	0	0	0.000017	0.0046113	44.134	0.000	1.249	0.000	
04-May-24 15:00:00	25.278	0.000	1.299	1.500	2.959	13.829	13828.602	187.503	0.000658	0.182650	0	0	0.000018	0.0049900	49.577	0.000	1.299	5.665	
04-May-24 16:00:00	21.266	0.000	1.899	2.073	19.317	14.267	14257.380	149.017	0.000571	0.158567	0	0	0.000027	0.0075242	44.382	0.000	1.899	40.175	
04-May-24 17:00:00	25.481	0.000	1.204	1.379	0.074	13.409	13405.378	248.345	0.000642	0.178377	0	0	0.000016	0.0044849	47.089	0.000	1.204	0.078	
04-May-24 18:00:00	22.401	0.000	1.707	1.891	15.660	14.292	14292.204	141.570	0.000602	0.167315	0	0	0.000024	0.0067783	46.937	0.000	1.707	32.633	
04-May-24 19:00:00	24.302	0.000	1.238	1.415	3.960	13.849	13848.749	194.834	0.000651	0.180678	0	0	0.000017	0.0047556	49.094	0.000	1.238	7.861	
04-May-24 20:00:00	23.880	0.000	1.208	1.381	0.000	13.320	13320.024	257.880	0.000598	0.166230	0	0	0.000016	0.0044619	43.880	0.000	1.208	0.000	
04-May-24 21:00:00	23.938	0.000	1.205	1.365	0.061	13.421	13430.732	232.144	0.000604	0.167806	0	0	0.000016	0.0044909	44.358	0.000	1.205	0.030	
04-May-24 22:00:00	25.045	0.000	1.388	1.571	2.308	13.758	13758.442	209.702	0.000674	0.187269	0	0	0.000019	0.0053045	50.520	0.000	1.388	4.453	
04-May-24 23:00:00	22.558	0.000	1.865	2.042	11.912	14.127	14127.226	141.858	0.000600	0.166536	0	0	0.000026	0.0073180	48.099	0.000	1.865	24.477	
05-May-24 00:00:00	23.272	0.000	1.408	1.572	6.245	13.802	13862.320	188.883	0.000607	0.168506	0	0	0.000020	0.0054204	45.608	0.000	1.408	12.390	
05-May-24 01:00:00	21.258	0.000	1.146	1.319	0.000	13.316	13317.604	257.779	0.000533	0.147961	0	0	0.000015	0.0042485	38.642	0.000	1.146	0.000	
05-May-24 02:00:00	20.439	0.000	1.554	1.731	13.096	13.953	13953.035	136.600	0.000537	0.149039	0	0	0.000022	0.0060214	40.749	0.000	1.554	26.684	
05-May-24 03:00:00	22.028	0.000	1.454	1.639	7.701	13.860	13860.180	188.517	0.000574	0.158558	0	0	0.000020	0.0056348	43.343	0.000	1.454	15.429	
05-May-24 04:00:00	20.889	0.000	1.871	2.063	16.002	14.051	14051.236	139.397	0.000552	0.153386	0	0	0.000026	0.0073030	42.241	0.000	1.871	32.340	
05-May-24 05:00:00	20.262	0.000	1.244	1.413	0.000	13.301	13300.904	257.768	0.000508	0.140982	0	0	0.000017	0.0045977	36.989	0.000	1.244	0.000	
05-May-24 06:00:00	20.699	0.000	1.183	1.358	0.000	13.264	13294.426	257.889	0.000518	0.143815	0	0	0.000016	0.0043681	37.720	0.000	1.183	0.000	
05-May-24 07:00:00	23.030	0.000	1.738	1.918	5.331	13.892	13891.520	141.835	0.000618	0.171548	0	0	0.000024	0.0067049	45.716	0.000	1.738	10.722	
05-May-24 08:00:00	19.9409771	0	1.764224887	1.940215303	21.43607139	14.21168218	14211.582	144.7708588	0.000533	0.148104	0	0	0.000025	0.0069646	41.29416276	0	1.764224887	44.08120126	
05-May-24 09:00:00	24.22398186	0	1.244528294	1.41822591	4.338620156	13.84780035	13847.800	173.5348358	0.000631	0.175308	0	0	0.000017	0.0047872	47.58048248	0	1.244528294	8.380496025	
05-May-24 10:00:00	20.49612999	0	1.546729684	1.729983117	18.04670334	14.17482281	14174.823	142.6004449	0.000547	0.151833	0	0	0.000022	0.0060902	42.71269063	0	1.546729684	37.32629566	
05-May-24 11:00:00	23.29863278	0	1.696293376	2.068331957	7.937313557	14.08712864	14087.129	148.4568561	0.000617	0.171490	0	0	0.000027	0.0074282	47.34906624	0	1.696293376	15.35277771	
05-May-24 12:00:00	22.29029465	0	1.756381631	1.911966591	15.30718122	14.31673848	14319.736	142.1480114	0.000601	0.166812	0	0	0.000025	0.0069884	46.91260748	0	1.756381631	32.41692769	
05-May-24 13:00:00	22.48863174	0	1.696269679	2.071024686	16.71315384	14.32825851	14328.259	141.4570583	0.000606	0.168247	0	0	0.000027	0.0075473	47.34448716	0	1.696269679	35.22839356	
05-May-24 14:00:00	23.77460008	0	1.690713644	1.857216835	9.97285965	14.23010404	14230.504	139.0959525	0.000637	0.176811	0	0	0.000024	0.0066833	49.35722361	0	1.690713644	20.30961037	
05-May-24 15:00:00	22.33055687	0	1.874196005	1.847144058	13.84834495	14.27346902	14273.470	143.6580048	0.000600	0.166573	0	0	0.000024	0.0066379	46.85646252	0	1.874196005	29.01805115	
05-May-24 16:00:00	21.54422951	0	1.866096258	2.04197218	19.27743731	14.33153057	14331.531	143.5457625	0.000581	0.161362	0	0	0.000027	0.0074780	45.40934372	0	1.866096258	40.62723541	
05-May-24 17:00:00	22.59701347	0	1.866148233	2.042482208	17.44944	14.38317531	14383.125	140.9929452	0.000611	0.169858	0	0	0.000027	0.0074558	48.01791763	0	1.866148233	36.96538256	
05-May-24 18:00:00	20.65143394	0	1.951783695	2.131482777	23.94833374	14.33229446	14332.294	140.4950562	0.000557	0.154683	0	0	0.000028	0.0077704	43.91650778	0	1.951783695	50.76162338	
05-May-24 19:00:00	20.60936783	0	1.755315304	1.929947582	26.65943794	14.2893877	14289.388	140.40625	0.000555	0.154055	0	0	0.000025	0.0069673	43.20204163	0	1.755315304	58.1975174	
05-May-24 20:00:00	19.84080124	0	1.732188344	1.886423945	34.21060969	14.3399482	14339.546	186.42099	0.000535	0.148688	0	0	0.000025	0.0068997	41.87110901	0	1.732188344	72.50418854	
05-May-24 21:00:00	22.92022705	0	1.496239474	1.666254084	6.616326462	13.88073376	13880.254	191.7263154	0.000596	0.166282	0	0	0.000021	0.0057988	45.23207092	0	1.496239424	13.17974567	
05-May-24 22:00:00	22.64365871	0	1.338854339	1.508118749	5.028876781	13.78814671	13785.147	215.1592102	0.000583	0.164593	0	0	0.000018	0.0051191	44.48761664	0	1.338854339	9.980943734	
05-May-24 23:00:00	25.05443954	0	1.107246041	1.286283704	8.042067091	13.99481773	13994.818	171.812149	0.000660	0.183243	0	0	0.000015	0.0043044	50.25080735	0	1.107246041	0.958234259	
06-May-24 00:00:00	25.06048203	0	1.383875942	1.450487019	3.688300896	13.78096944	13789.969	195.8798828	0.000650	0.180005	0	0	0.000018	0.0048179	48.8312645	0	1.383875942	7.405021667	
06-May-24 01:00:00	20.67281914	0	2.010699749	2.199059248	23.73711987	14.20002174	14200.022	138.8427124	0.000552	0.153414	0	0	0.000029	0.0078311	42.73190857	0	2.010699749	49.17324066	
06-May-24 02:00:00	22.86514778	0	1.496784421	1.666640523	7.892462254	13.87453747	13874.537	196.2806201	0.000592	0.164344	0	0	0.000021	0.0057886	44.88870644	0	1.496784421	15.48066907	
06-May-24 03:00:00	19.48050453	0	2.098850066	2.289129932	40.87432404	14.37090874	14370.909	137.7085125	0.000526	0.146155	0	0	0.000030	0.0083373	41.28362778	0	2.098850066	86.18291754	
06-May-24 04:00:00	23.88545158	0	1.429184795	1.604981276	8.737597942	13.96560456	13966.805	189.4597723	0.000626	0.173985	0	0	0.000020	0.0055171	47.66979752	0	1.423184395	13.69189287	
06-May-24 05:00:00	20.81338882	0	1.642081291	1.834740639	12.49917603	13.90877288	13906.723	188.1851459	0.000546	0.151289	0	0	0.000023	0.0063477	41.73441315	0	1.642981291	24.77096888	
06-May-24 06:00:00	21.38192513	0	1.696815729	1.881938934	15.37598445	14.1710943	14171.004	141.3750823	0.000570	0.158204	0	0	0.000024	0.0066793	43.95833969	0	1.696815729	31.66104393	
06-May-24 07:00:00	21.36717224	0	1.775381923	1.959445148	15.40491772	14.11927809	14119.276	142.1421661	0.000568	0.157665	0	0	0.000025	0.0069631	43.64447453	0	1.775381923	31.50209808	
06-May-24 08:00:00	21.99879266	0	1.551162958	1.717270374	12.28891087	14.04665454	14046.358	158.1860809	0.000581	0.161476	0	0	0.000022	0.0060518	44.48390152	0	1.551162958	24.8454277	
06-May-24 09:00:00	20.3637619	0	2.018913891	2.193223238	22.30804808	14.22742844	14227.429	141.81633	0.000545	0.151412	0	0	0.000029	0.0079710	42.25289917	0	2.018913891	46.40766851	
06-May-24 10:00:00	20.65387726	0	1.960382876	2.070773534	23.78780174	14.2734127	14273.413	142.8864996	0.000555	0.154066	0	0	0.000027	0.0075347	43.16042709	0	1.960382876	50.0112381	
06-May-24 11:00:00	22.42957300	0	1.592460302	1.759819031	13.88023663	14.20477290	14204.773	143.005249	0.000590	0.165607	0	0	0.000023	0.0062836	46.38796471	0	1.592460302	28.13824986	
06-May-24 12:00:00	21.24530029	0	1.600511003	1.962086327	19.7808617	14.20774603	14297.345	146.0269775	0.000571	0.158742	0	0	0.000026	0.0071507	44.54492188	0	1.600511003	41.48712131	
06-May-24 13:00:00	21.82388670	0	1.763517281	1.934292436	18.14489714	14.292243	14292.343	143.6491547	0.000581	0.161613	0	0	0.000025	0.0070613	45.2985878	0	1.763517281	38.02092743	
06-May-24 14:00:00	21.08613685	0	1.989634309	2.181138836	22.26626587	14.28426509	14264.286	151.9034424	0.000580	0.157190	0	0	0.000026	0.0078843	43.95235536	0	1.989634309	45.19471627	
06-May-24 15:00:00	24.63102917	0	1.447304368	1.613968016	4.801380634	14.05600357	14056.004	195.9879641	0.000651	0.180934	0	0	0.000020	0.0056509	49.84922028	0	1.447304368	9.757203102	
06-May-24 16:00:00	22.15245871	0	1.831417084	2.015156031	14.74104786	14.24921227	14249.212	142.4599162	0.000594	0.164964	0	0	0.000026	0.0072490	46.12081691	0	1.831417084	30.78744698	
06-May-24 17:00:00	22.50300407	0	1.877934813	2.079348418	17.30422211	14.26903784	14265.035	142.0360096	0.000604	0.167761	0	0	0.000027	0.0074413	46.91836909	0	1.877934813	35.84670694	
06-May-24 18:00:00	22.96337509	0	1.668746746	1.819005966	13.78148865	14.19985916	14199.869	144.2369221	0.000613	0.170411	0	0	0.000024	0.0065348	47.46331628	0	1.658746746	28.40826129	
06-May-24 19:00:00	20.94385837	0	2.029028177	2.190583504	24.08843552	14.30903149	14309.031	141.8434601	0.000564	0.156617	0	0	0.000029	0.0080648	44.00395729	0	2.029028177	50.68573669	
06-May-24 20:00:00	24.23394012	0	1.487404008	1.634098693	5.188754494	13.88350201	13883.302	193.9010459	0.000633	0.175833	0	0	0.000020	0.0056591	47.6283092	0	1.487404008	10.1256633	
06-May-24 21:00:00	26.75966667	0	1.38155404	1.539473293	0.411563059	13.46328735	13463.287	223.3601074	0.000675	0.188352	0	0	0.000018	0.0050920	49.87754059	0	1.38155404	0.727458518	
06-May-24 22:00:00	24.74816689	0	1.658103247	1.821324944	4.181524277	13.82144547	13821.445	167.3617151	0.000643	0.178747	0	0	0.000023	0.0063692	48.44120769	0	1.658103247	8.14846811	
06-May-24 23:00:00	21.06545311	0	1.895716908	2.062318533	14.91824207	14.02873616	14028.735	179.3349457	0.000554	0.154002	0	0	0.000027	0.0073874	42.33760452	0	1.895716908	29.90237999	
07-May-24 00:00:00	21.02738804	0	1.98211195	2.139437199	19.64087296	14.19606958	14196.670	141.7602997	0.000582	0.156006	0	0	0.000028	0.0077376	43.43673321	0	1.98211195	40.57170868	
07-May-24 01:00:00	24.65381214	0	1.309069991	1.482158277	4.11947298	13.76660442	13766.604	188.7142944	0.000639	0.177372	0	0	0.000018	0.0050090	47.57918091	0	1.309069991	7.950007763	
07-May-24 02:00:00	21.28392063	0	1.715810695	1.879571272	18.76152611	14.22615914	14226.156	141.4911957	0.000569	0.158006	0	0	0.000024	0.0067604	44.06849253	0	1.715810695	38.82348344	
07-May-24 03:00:00	20.49479979	0	1.862561464	2.042784187	23.21799278	14.2510376	14251.038	142.8864983	0.000560	0.157630	0	0	0.000027	0.0073732	42.87398834	0	1.862561464	47.85328193	
07-May-24 04:00:00	20.62482262	0	1.898439738	2.068920883	24.00623894	14.2496312	14249.931	142.5817871	0.000553	0.153585	0	0	0.000027	0.0079086	42.95125861	0	1.898439738	49.9029393	
07-May-24 05:00:00	20.34618568	0	1.874648728	2.038496481	22.23986724	14.20584814	14205.549	144.2541351	0.000544	0.151582	0	0	0.000027	0.0073668	42.09017963	0	1.874648728	46.1520007	
07-May-24 06:00:00	19.68459684	0	1.827876925	2.018434856	23.34877987	14.18786308	14187.663	142.3173063	0.000525	0.145805	0	0	0.000026	0.0072537	40.5667117	0	1.827876925	48.4673382	
07-May-24 07:00:00	19.792099	0	1.866807699	2.037239619	25.71713829	14.22451987	14224.620	142.4160004	0.000530	0.147133	0	0	0.000027	0.0073763	41.03593771	0	1.866807699	53.58309481	
07-May-24 08:00:00	19.91127968	0	1.911623955	2.058804834	27.84859086	14.24309021	14243.099	144.6080436	0.000534	0.148211	0	0	0.000027	0.0075632	41.43324933	0	1.911623955	57.90058136	
07-May-24 09:00:00	21.32497025	0	1.5654928	1.72711587	18.23732185	14.13338787	14133.388	142.8269196	0.000567	0.157511	0	0	0.000022	0.0061868	43.54164434	0	1.5654928	33.31309128	
07-May-24 10:00:00	21.61361585	0	1.524876833	1.695802182	19.02490425	14.25713825	14257.138	141.27505	0.000580	0.161040	0	0	0.000022	0.0060390	45.03356934	0	1.524876833	39.73741913	
07-May-24 11:00:00	21.01844697	0	1.610885594	1.798033475	19.57661755	14.232937	14250.937	141.6270792	0.000563	0.156319	0	0	0.000023	0.0063679	43.60592839	0	1.610885594	40.84503096	
07-May-24 12:00:00	21.16795328	0	1.618737641	1.769968377	21.9998252	14.21906757	14219.068	144.3600159	0.000568	0.157225	0	0	0.000023	0.0063738	43.6519518	0	1.618737641	45.9455047	
07-May-24 13:00:00	21.4271431	0	1.518036289	1.3047085	14.93357372	14.11712269	14117.123	142.938142	0.000582	0.161773	0	0	0.000023	0.0063450	44.75946667	0	1.518036289	30.5287751	
07-May-24 14:00:00	21.68996829	0	1.475512624	1.670346975	18.66213303	14.17419629	14174.195	144.3565531	0.000576	0.160670	0	0	0.000021	0.0058095	44.6562767	0	1.475512624	34.65634164	
07-May-24 15:00:00	21.61953163	0	1.537905936	1.83219707	19.23023796	14.2121973	14212.197	142.4202881	0.000576	0.160577	0	0	0.000023	0.0064602	44.76573363	0	1.537905936	39.31511512	
07-May-24 16:00:00	21.78781136	0	1.614910841	1.800051114	17.80828204	14.20208263	14202.083	142.6752777	0.000580	0.161118	0	0	0.000023	0.0063799	44.88809204	0	1.614910841	36.72997369	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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09-May-24 19:00:00	20.0085441	0	1.299840212	1.48264873	0	13.28198814	13281.988	258.0231325	0.000658	0.188533	0	0	0.000017	0.0047967	47.31921387	0	1.299840212	0	
09-May-24 20:00:00	22.5967063	0	1.811134577	1.989379158	12.88808778	14.10874572	14106.748	139.0242482	0.000608	0.168890	0	0	0.000026	0.0070979	48.06441666	0	1.811134577	28.10437065	
09-May-24 21:00:00	21.29944611	0	1.924607301	1.709111214	18.98143387	14.22840214	14228.402	145.3352509	0.000579	0.158380	0	0	0.000022	0.0060258	44.19979532	0	1.924607301	39.63750995	
09-May-24 22:00:00	21.35421908	0	1.684698582	1.860657953	20.84387308	14.23575401	14235.754	144.198167	0.000569	0.158126	0	0	0.000024	0.0060819	44.15455927	0	1.684698582	43.31640626	
09-May-24 23:00:00	20.45414925	0	1.985280871	2.168201447	30.23484039	14.33256163	14332.582	142.0974121	0.000562	0.153280	0	0	0.000028	0.0079040	43.11935425	0	1.985280871	63.81414705	
10-May-24 00:00:00	23.23889706	0	1.878825817	1.868177641	12.09209442	14.14185738	14141.852	145.6733337	0.000618	0.171728	0	0	0.000024	0.0065049	47.81071396	0	1.878825817	24.44991875	
10-May-24 01:00:00	22.82934952	0	1.707982155	1.888372779	13.42014313	14.19870281	14198.703	142.1131287	0.000610	0.169402	0	0	0.000024	0.0067363	47.1871376	0	1.707982155	27.54957199	
10-May-24 02:00:00	21.13220595	0	2.019477387	2.197352409	21.5351181	14.23814964	14238.150	144.0307465	0.000566	0.157244	0	0	0.000029	0.0079871	43.9106429	0	2.019477387	44.66631744	
10-May-24 03:00:00	22.33222195	0	2.05269599	2.227892876	14.48583358	14.17060651	14170.607	143.3476583	0.000595	0.165385	0	0	0.000029	0.0080800	45.95811809	0	2.05269599	29.84269447	
10-May-24 04:00:00	21.38104248	0	2.081551313	2.271082178	20.88854683	14.22258769	14222.588	143.4188898	0.000572	0.158923	0	0	0.000030	0.0082237	44.33744049	0	2.081551313	43.17598438	
10-May-24 05:00:00	21.18975974	0	2.033998007	2.233800514	19.8447094	14.208125	14208.125	143.818803	0.000566	0.157285	0	0	0.000029	0.0080328	43.80505134	0	2.033998007	41.01615143	
10-May-24 06:00:00	20.95538095	0	2.04372559	2.239360598	20.27900314	14.21087837	14210.878	143.1180738	0.000560	0.155830	0	0	0.000029	0.0080675	43.38925171	0	2.04372559	41.82507324	
10-May-24 07:00:00	21.09351158	0	2.098877668	2.287866129	19.75430298	14.22172928	14221.729	142.4503632	0.000564	0.156775	0	0	0.000030	0.0082918	43.71629333	0	2.098877968	40.30023712	
10-May-24 08:00:00	23.85881725	0	2.210000992	2.379364888	9.10757637	14.1187842	14118.785	145.2229787	0.000634	0.170038	0	0	0.000031	0.0086674	48.73443604	0	2.210000992	18.7291832	
10-May-24 09:00:00	21.72795868	0	2.245720148	2.418818441	18.42269707	14.28062816	14280.526	141.3459738	0.000584	0.162158	0	0	0.000032	0.0089084	45.45410919	0	2.245720148	38.45407867	
10-May-24 10:00:00	21.59808197	0	2.178034285	2.349665169	19.31498337	14.25924583	14259.247	141.9435677	0.000582	0.161694	0	0	0.000031	0.0086151	45.25741196	0	2.178034285	40.10657601	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF OUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
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	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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28-May-24 23:00:00	21.793	0.000	1.134	1.333	0.389	13.281	13286.781	202.853	0.000544	0.151189	0	0	0.000015	0.0041826	39.526	0.000	1.134	0.494	
29-May-24 00:00:00	21.310	0.000	1.229	71.603	14.678	14.045	14045.209	187.335	0.000563	0.156417	0	0	0.000017	0.0047947	43.064	0.000	1.229	29.707	
29-May-24 01:00:00	21.095	0.000	0.834	1.015	0.116	13.372	13571.565	263.805	0.000531	0.147416	0	0	0.000011	0.0030905	38.831	0.000	0.834	0.041	
29-May-24 02:00:00	21.592	0.000	0.823	1.014	0.926	13.315	13514.845	208.359	0.000543	0.150944	0	0	0.000011	0.0030452	39.527	0.000	0.823	1.071	
29-May-24 03:00:00	20.079	0.000	0.709	0.949	0.057	13.374	13874.189	265.338	0.000505	0.140334	0	0	0.000010	0.0028577	38.967	0.000	0.769	0.086	
29-May-24 04:00:00	21.102	0.000	0.980	1.165	23.771	14.240	14239.786	171.455	0.000565	0.167034	0	0	0.000014	0.0038782	43.924	0.000	0.980	48.757	
29-May-24 05:00:00	19.629	0.000	0.873	1.043	3.041	13.628	13627.722	236.714	0.000501	0.139040	0	0	0.000012	0.0033654	37.197	0.000	0.873	5.000	
29-May-24 06:00:00	19.981	0.000	0.983	1.154	7.540	13.737	13738.661	214.605	0.000506	0.140429	0	0	0.000013	0.0037493	37.884	0.000	0.983	14.620	
29-May-24 07:00:00	21.198	0.000	1.165	1.354	13.213	14.004	14003.704	164.263	0.000558	0.155133	0	0	0.000016	0.0045361	42.574	0.000	1.165	26.679	
29-May-24 08:00:00	21.480	0.000	1.052	1.240	10.494	13.956	13958.320	182.134	0.000584	0.156692	0	0	0.000015	0.0040778	42.859	0.000	1.052	20.734	
29-May-24 09:00:00	22.458	0.000	0.759	0.944	0.000	13.409	13407.730	263.993	0.000579	0.160865	0	0	0.000010	0.0028636	42.463	0.000	0.759	0.100	
29-May-24 10:00:00	23.465	0.000	0.889	0.982	0.958	13.675	13575.004	263.257	0.000599	0.166480	0	0	0.000011	0.0031645	44.382	0.000	0.839	1.729	
29-May-24 11:00:00	22.835	0.001	0.960	1.144	7.013	14.090	14090.208	188.673	0.000605	0.168150	3.1893E-06	8.6593E-06	0.000014	0.0037575	46.426	0.003	0.960	14.250	
29-May-24 12:00:00	22.730	0.000	1.146	1.324	0.000	13.649	13648.821	269.123	0.000584	0.162138	0	0	0.000016	0.0043452	43.832	0.006	1.146	0.000	
29-May-24 13:00:00	24.35547529	0	0.932834884	1.108523849	0.065447979	13.48854481	13485.545	283.2744141	0.000616	0.171662	0	0	0.000013	0.0034846	45.92792358	0	0.932834884	0.065343539	
29-May-24 14:00:00	27.00102234	0	1.119533777	1.289769696	1.860757947	13.90251923	13902.516	295.7067566	0.000706	0.196178	0	0	0.000016	0.0043234	53.43115816	0	1.119533777	3.716697931	
29-May-24 15:00:00	23.35702705	0	1.040426373	1.210013747	0	13.50534534	13506.345	256.3884381	0.000593	0.164854	0	0	0.000014	0.0039031	43.78734181	0	1.040426373	0	
29-May-24 16:00:00	22.83366567	0	0.962529838	1.139312983	0	13.47159086	13471.594	254.1494445	0.000579	0.160771	0	0	0.000013	0.0036019	42.58375649	0	0.962529838	0	
29-May-24 17:00:00	21.50956981	0	1.080753584	1.267286536	4.068887207	13.88086842	13880.858	222.3964905	0.000563	0.156471	0	0	0.000015	0.0041672	42.60730837	0	1.080753584	8.159070416	
29-May-24 18:00:00	21.5302124	0	0.99147898	1.17358916	0	13.51573317	13516.733	254.4591217	0.000548	0.152089	0	0	0.000013	0.0037227	40.39732835	0	0.99147898	0	
29-May-24 19:00:00	22.19780263	0	0.797874212	0.978790045	0	13.51780292	13517.203	253.4967194	0.000585	0.160815	0	0	0.000011	0.0029959	41.66518975	0	0.797874212	0	
29-May-24 20:00:00	22.21794319	0	0.795364201	0.9851289	0	13.45709324	13457.093	259.0483093	0.000583	0.158254	0	0	0.000011	0.0029731	41.35534286	0	0.795364201	0	
29-May-24 21:00:00	21.84914328	0	0.808378577	3.978527248	0	13.49103451	13491.038	257.8140259	0.000565	0.154848	0	0	0.000011	0.0030294	40.86231232	0	0.808378577	0.032903376	
29-May-24 22:00:00	22.7275238	0	0.820329726	1.012388729	0	13.49009609	13490.096	258.8723943	0.000577	0.160230	0	0	0.000011	0.0030740	42.49520874	0	0.820329726	0	
29-May-24 23:00:00	21.45794244	0	0.953980625	1.132925272	0.072499916	13.54008097	13540.080	259.4817352	0.000546	0.151767	0	0	0.000013	0.0035880	40.38224411	0	0.953980625	0.148214984	
30-May-24 00:00:00	21.21409035	0	1.159763336	71.60002136	18.97779083	14.207561	14207.551	153.3972778	0.000587	0.157514	0	0	0.000016	0.0045771	43.69286804	0	1.159763336	39.16673975	
30-May-24 01:00:00	21.45389748	0	1.041079521	1.231507676	0	13.56306634	13563.656	285.4281189	0.000547	0.152978	0	0	0.000014	0.0039025	40.51050871	0	1.041079521	0	
30-May-24 02:00:00	20.6348708	0	0.924423337	1.104794979	0	13.57706073	13577.081	292.322052	0.000527	0.149411	0	0	0.000013	0.0034664	39.05707677	0	0.924423337	0.124984758	
30-May-24 03:00:00	20.64206306	0	0.95116965	1.13950759	0.173947096	13.55645488	13556.455	254.9431152	0.000526	0.148235	0	0	0.000013	0.0035818	38.95881435	0	0.99116388	0.449410626	
30-May-24 04:00:00	21.40585417	0	1.501107693	1.684761047	19.30319023	14.29195115	14291.951	145.5881958	0.000578	0.159679	0	0	0.000021	0.0058594	44.6430794	0	1.501107693	40.45660036	
30-May-24 05:00:00	20.49145491	0	1.673586488	1.854815483	30.15491486	14.36387607	14363.676	149.7032776	0.000554	0.153821	0	0	0.000024	0.0066775	43.38846207	0	1.673586488	63.84943019	
30-May-24 06:00:00	18.41283771	0.098226735	1.969748001	2.169095993	71.35642773	14.54360142	14543.601	140.6036224	0.000507	0.140910	3.6801E-06	0.00101392	0.000029	0.0080938	40.7299881	0.137032927	1.969748001	156.031311	
30-May-24 07:00:00	20.2023716	0	1.888671094	3.057527304	32.85099167	14.38642987	14386.426	142.9858093	0.000547	0.151891	0	0	0.000027	0.0075478	42.93195343	0	1.888671094	69.37042389	
30-May-24 08:00:00	20.57506469	0	1.538969159	1.713098241	30.87971116	14.38852119	14388.521	160.891922	0.000557	0.154718	0	0	0.000022	0.0061510	43.71933075	0	1.538969159	65.63589423	
30-May-24 09:00:00	21.94672623	0	1.073051813	1.267483354	0.44028452	13.63474178	13634.742	235.2456902	0.000563	0.153534	0	0	0.000015	0.0040842	41.08675385	0	1.073051813	0.546847224	
30-May-24 10:00:00	21.90513191	0	1.703390121	1.885227915	17.45231842	14.31346749	14313.457	142.3210144	0.000587	0.163110	0	0	0.000024	0.0067726	45.83673096	0	1.703390121	38.69672324	
30-May-24 11:00:00	21.97710076	0	1.830173182	1.701507807	22.85145187	14.39282104	14390.621	164.5739135	0.000584	0.162267	0	0	0.000022	0.0061178	45.91570282	0	1.830173182	48.53475852	
30-May-24 12:00:00	22.05825615	0	1.056370378	1.226932977	1.156072974	13.74050331	13740.503	230.6965485	0.000570	0.158366	0	0	0.000015	0.0040320	42.68085801	0	1.056370378	2.126007153	
30-May-24 13:00:00	23.66906021	0	0.926490014	1.095527887	0.087588870	13.55979166	13559.792	229.4940338	0.000604	0.167872	0	0	0.000013	0.0034896	44.72066498	0	0.926490014	0.129365683	
30-May-24 14:00:00	22.53214204	0	1.054600222	1.237017832	0	13.57269287	13572.693	281.0822864	0.000575	0.159825	0	0	0.000014	0.0039757	42.81820221	0	1.054600222	0	
30-May-24 15:00:00	22.31849208	0	1.118289709	1.295218762	2.862677915	13.81008543	13810.068	210.1844885	0.000580	0.161875	0	0	0.000015	0.0042902	43.6073494	0	1.118289709	5.529543152	
30-May-24 16:00:00	23.36091423	0	1.077359676	1.265761481	0	13.43915853	13439.167	265.1679895	0.000591	0.164073	0	0	0.000014	0.0040710	43.40045547	0	1.077359676	0	
30-May-24 17:00:00	21.5342617	0	1.490380406	1.673493386	12.64490852	14.37416791	14374.158	142.1678674	0.000582	0.161767	0	0	0.000021	0.0059508	45.68253325	0	1.490380406	41.48604298	
30-May-24 18:00:00	22.35427475	0	1.57087934	1.762740374	16.82705863	14.32699088	14329.981	142.4485321	0.000603	0.167375	0	0	0.000023	0.0062516	47.08420065	0	1.57087934	34.80228424	
30-May-24 19:00:00	23.083004	0	1.219282965	1.390778661	8.471530614	13.84201141	13882.011	235.2633245	0.000603	0.167464	0	0	0.000017	0.0047017	46.56874292	0	1.219282965	12.7737827	
30-May-24 20:00:00	21.4752886	0	0.610096544	0.815479419	0	13.80414944	13804.149	265.9963595	0.000546	0.151500	0	0	0.000008	0.0022919	40.01784374	0	0.610096544	0	
30-May-24 21:00:00	20.67596866	0	0.727827787	0.808387822	0	13.44045925	13440.459	266.0819702	0.000528	0.146629	0	0	0.000010	0.0027173	38.77799225	0	0.727827787	0	
30-May-24 22:00:00	19.79425332	0	1.368173718	1.606271387	28.57530075	14.33049916	14330.489	143.049118	0.000531	0.147944	0	0	0.000020	0.0056463	41.62824741	0	1.368173718	52.17687807	
30-May-24 23:00:00	20.15966824	0	1.328134841	1.544438465	25.75962448	14.2917614	14291.761	144.1457133	0.000542	0.150574	0	0	0.000019	0.0052645	42.33344601	0	1.328134841	53.84250843	
31-May-24 00:00:00	20.2815925	0	1.415107808	71.619627	28.10033607	14.2945726	14284.973	143.445816	0.000545	0.151402	0	0	0.000020	0.0056151	42.45839105	0	1.415107808	54.7568577	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/5/2024 00:00-31/5/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-May-24 01:00:00	20.37027931	0	1.732002497	1.994308988	0	13.55022912	13550.208	271.0491911	0.000519	0.144251	0	0	0.000023	0.0065102	38.40544022	0	1.732002497	0.000895417	
31-May-24 02:00:00	21.18381126	0	2.210630656	2.409345414	14.51992702	14.01977509	14012.776	186.8565938	0.000558	0.155682	0	0	0.000031	0.0086090	42.68464233	0	2.210630656	28.19079014	
31-May-24 03:00:00	20.0540427	0	2.389436007	2.674599256	35.75079727	14.29184206	14291.892	145.1581514	0.000583	0.158614	0	0	0.000034	0.0094860	43.90216827	0	2.389436007	53.94868459	
31-May-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-May-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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01-Jun-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	18.41	0.00	0.61	0.82	0.00	13.24	13,240.13	138.98	0.00	0.14	0.00	0.00	0.00	0.00	38.97	0.00	0.61	0.00	
Maximum	28.08	0.10	2.39	71.82	71.39	14.89	14,643.60	271.05	0.00	0.20	0.00	0.00	0.00	0.01	53.43	0.14	2.39	156.03	
Avg	22.22	0.00	1.48	2.77	11.09	13.90	13,899.92	190.49	0.00	0.16	0.00	0.00	0.00	0.01	45.99	0.00	1.48	23.62	
Sum									0.11		0.00		0.00						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-08/6/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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02-Jun-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-08/6/2024 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jun-24 16:00:00	24.06625619	0.160304295	1.136098746	1.317512688	0	13.29138753	1782883.645	268.3084106	0.082805	23.661366	0.0006936	0.19266729	0.002094	0.5587753	45.474	0.274	1.137	0.000	
04-Jun-24 17:00:00	21.82478673	0.175094694	1.285622308	1.456592038	8.029498577	14.30792238	1245952.769	148.2037317	0.051169	14.211111	0.00057165	0.15862566	0.001692	0.4448613	45.840	0.367	1.288	12.707	
04-Jun-24 18:00:00	21.75006129	0.108745945	1.436069416	1.603562153	11.60074584	14.48021221	1281559.87	141.2381227	0.051631	14.341531	0.0003591	0.0997483	0.001812	0.5032481	47.098	0.239	1.496	25.174	
04-Jun-24 19:00:00	23.75833702	0.153249737	1.10169363	1.264654094	0.013758366	13.25221043	1681096.247	259.5063887	0.075170	20.880486	0.00067490	0.18738511	0.001853	0.5146434	43.113	0.288	1.102	0.000	
04-Jun-24 20:00:00	23.17593842	0.117263232	1.003041983	1.181449909	0	13.2630053	1704164.663	264.1495657	0.074140	20.696093	0.00052300	0.14530377	0.001709	0.4748163	41.926	0.213	1.003	0.000	
04-Jun-24 21:00:00	22.42321777	0.125711024	1.140451508	1.310779909	0	13.32930717	1699327.271	264.5186766	0.071669	19.913676	0.00055918	0.15532773	0.001953	0.5425865	40.617	0.227	1.149	0.000	
04-Jun-24 22:00:00	22.66457535	0.07742967	1.069981021	1.230748057	0	13.20806646	1690095.947	259.0098539	0.072035	20.009848	0.00034255	0.09515176	0.001808	0.5021749	41.082	0.115	1.070	0.000	
04-Jun-24 23:00:00	22.04918269	0.10259326	1.095833977	1.258777818	0	13.22930613	1712645.205	260.3165668	0.071043	19.734274	0.00046036	0.12787769	0.001859	0.5164082	39.837	0.186	1.080	0.000	
05-Jun-24 00:00:00	20.85754013	0.113348692	1.218682054	1.367485045	1.549152493	13.86287498	1433370.259	179.3253601	0.056247	15.624295	0.00042527	0.11813081	0.001747	0.4852335	41.030	0.223	1.219	3.908	
05-Jun-24 01:00:00	22.69209827	0.075488506	1.503870346	1.690523148	4.998818543	14.24880082	1287792.114	141.400177	0.054978	15.272025	0.00025445	0.07068191	0.001962	0.5451188	47.190	0.158	1.524	10.219	
05-Jun-24 02:00:00	20.04059952	0	1.312235205	1.474780413	3.503821811	13.89195442	1414778.809	184.8587189	0.053343	14.817527	0	0	0.001860	0.5164517	39.857	0.000	1.319	7.080	
05-Jun-24 03:00:00	20.95338136	0.031339135	1.458472013	1.603138208	12.9853616	14.38481018	1280989.502	142.5436554	0.049731	13.814296	0.00018344	0.02873407	0.001839	0.5188081	44.537	0.066	1.458	27.812	
05-Jun-24 04:00:00	22.43745865	0	1.313012504	1.481881033	0.017449452	13.65658213	1527625.831	212.9734344	0.064487	17.912963	0	0	0.002000	0.5571845	42.619	0.006	1.313	0.036	
05-Jun-24 05:00:00	20.83268190	0	1.044019222	1.18710959	0	13.24509465	1745940.552	263.4886475	0.068432	19.008825	0	0	0.001823	0.5063321	37.709	0.002	1.044	0.000	
05-Jun-24 06:00:00	21.47118069	0	1.002129821	1.163801637	0	13.29318905	1694607.935	260.8214722	0.068451	19.014092	0	0	0.001698	0.4718672	39.112	0.002	1.002	0.000	
05-Jun-24 07:00:01	22.92634201	0	1.11911712	1.257636895	0	13.31659662	1692295.631	256.4151306	0.072581	20.156438	0	0	0.001878	0.5215867	41.918	0.000	1.116	0.000	
05-Jun-24 08:00:01	23.2638974	0.000496071	1.045372682	1.200998425	0	13.3528926	1695048.984	252.9550908	0.073815	20.504282	2.6557E-08	0.00057104	0.001783	0.4897747	42.739	0.000	1.048	0.000	
05-Jun-24 09:00:01	24.55764475	0.05633275	1.122572064	1.278698404	0.045184966	13.42287227	1639738.401	248.9394635	0.076064	21.134351	0.0002375	0.06597136	0.001841	0.5113124	45.706	0.103	1.123	0.055	
05-Jun-24 10:00:01	23.43742752	0.060752864	1.254970312	1.443754673	3.645966149	14.30782318	1382864.014	168.7840271	0.069977	18.938146	0.00021833	0.060091	0.001735	0.4820784	49.345	0.123	1.256	8.454	
05-Jun-24 11:00:01	23.37535744	0.000634545	1.132348034	1.293230414	0	13.33996909	1712905.884	257.9523926	0.075169	20.880374	2.8451E-06	0.0007903	0.001949	0.5387784	42.757	0.000	1.132	0.000	
05-Jun-24 12:00:01	23.67630261	0.14424479	1.170062171	1.328700692	0	13.34000308	1696776.733	259.6451111	0.075133	20.870344	0.00063608	0.17691162	0.001974	0.5482209	43.400	0.264	1.170	0.000	
05-Jun-24 13:00:01	25.11826442	0.130699686	1.18311737	1.342568306	0	13.28966796	1738834.381	260.039032	0.082228	22.841177	0.00058443	0.16511904	0.002057	0.5714609	45.760	0.238	1.183	0.000	
05-Jun-24 14:00:01	23.36890653	0.074970636	1.203071713	1.366967764	0	13.30688606	1722757.324	259.6650873	0.076446	21.236124	0.00033808	0.09391032	0.002073	0.5757224	43.063	0.137	1.203	0.000	
05-Jun-24 15:00:01	24.43776694	0.060370445	1.059760094	1.218784332	0	13.31430018	1703914.429	260.407969	0.078341	21.761348	0.00026926	0.07479469	0.001806	0.5015848	44.637	0.110	1.060	0.000	
05-Jun-24 16:00:01	24.6608181	0.062653347	1.124591827	1.284702539	0	13.29831696	1699660.591	257.1387939	0.075573	21.009270	0.00028013	0.0778149	0.001912	0.5316912	44.900	0.115	1.125	0.000	
05-Jun-24 17:00:01	24.76966847	0.018738918	1.045747612	1.191218257	0	13.3661747	1650008.301	252.0645959	0.078355	21.765169	8.2406E-05	0.02288046	0.001757	0.4880156	45.565	0.034	1.046	0.000	
05-Jun-24 18:00:01	23.76687658	0.111359805	1.052099915	1.243486762	0	13.3016871	1690182.881	258.1762543	0.075182	20.886729	0.00048876	0.13504532	0.001818	0.5050349	43.254	0.203	1.082	0.000	
05-Jun-24 19:00:01	23.70376829	0.061264873	1.068196882	1.25521493	0	13.29432092	1689053.252	262.4770508	0.075327	20.924036	0.00035839	0.09962962	0.001838	0.5105717	43.156	0.147	1.088	0.000	
05-Jun-24 20:00:01	23.42664556	0.225534843	1.104564887	1.259144426	0	13.28526886	1706637.207	261.4998169	0.074950	20.821019	0.00100643	0.28012076	0.001878	0.5217966	42.527	0.411	1.106	0.000	
05-Jun-24 21:00:01	23.49110601	0.066355406	1.159708106	1.335322525	0	13.25228406	1683523.315	262.8306280	0.074405	20.668029	0.00029242	0.08122783	0.001969	0.5470076	42.573	0.122	1.172	0.000	
05-Jun-24 22:00:01	23.41412185	0.044302086	1.080048676	1.248701892	0	13.28848931	1729079.248	253.7130975	0.076208	21.166751	0.00020062	0.05572060	0.001877	0.5214166	42.538	0.066	1.086	0.000	
05-Jun-24 23:00:01	22.51213074	0.008485067	1.16759577	1.309160848	0	13.30079937	1691363.148	264.124115	0.071636	19.898822	3.7482E-05	0.01041163	0.001968	0.5439096	41.068	0.015	1.158	0.000	
06-Jun-24 00:00:01	22.24424563	0.198302401	1.17190680	1.330821514	0	13.29822745	1686260.006	264.6133984	0.069822	19.394871	0.00060386	0.16777348	0.001955	0.5431071	40.564	0.253	1.172	0.000	
06-Jun-24 01:00:01	22.30321317	0.09671814	1.199219419	1.348110437	0	13.27997875	1688425.903	263.2366029	0.070009	19.446920	0.00042738	0.11733119	0.001990	0.5553166	40.500	0.182	1.198	0.000	
06-Jun-24 02:00:01	21.82527361	0.017288684	1.179716825	1.331816673	0.064404692	13.72935963	1480497.339	223.4030457	0.060938	16.898049	5.0932E-05	0.01414784	0.001860	0.5190418	42.163	0.033	1.180	0.079	
06-Jun-24 03:00:01	21.00088317	0.004419428	1.249358058	1.385113968	1.092534065	13.89854717	1485608.154	192.2039945	0.058721	16.311490	1.7198E-05	0.00477385	0.001860	0.5166713	41.558	0.013	1.249	1.730	
06-Jun-24 04:00:01	23.23374939	0.078022987	1.206737995	1.334094644	0	13.43047905	1657437.5	254.4076996	0.072450	20.124863	0.0003385	0.09402821	0.002000	0.5556813	43.091	0.145	1.207	0.000	
06-Jun-24 05:00:01	22.11444283	0.007421943	1.174660908	1.327664004	0	13.31400108	1706806.764	263.6316895	0.071006	19.723812	3.3155E-05	0.0092096	0.002065	0.5666526	40.407	0.000	1.176	0.000	
06-Jun-24 06:00:01	23.09176497	6.33406E-06	1.074190866	1.208996838	0.068203839	13.27543744	1700834.57	262.6115417	0.073897	20.526824	2.8201E-08	7.8337E-06	0.001827	0.5075367	41.989	0.000	1.074	0.000	
06-Jun-24 07:00:01	21.78302383	0	1.394702077	1.532777426	10.80057159	14.44127369	1243643.506	147.6397658	0.050976	14.159966	0	0	0.001735	0.4818884	45.710	0.000	1.396	23.693	
06-Jun-24 08:00:01	21.34060287	0	1.477706364	1.639447801	14.43306837	14.43529224	1304427.868	143.5887772	0.052373	14.547920	0	0	0.001921	0.5336188	45.700	0.000	1.473	30.603	
06-Jun-24 09:00:01	21.16604614	0	1.291615486	1.443728209	3.772592304	14.05707359	1369825.073	171.1087341	0.055743	15.484243	0	0	0.001808	0.5022322	42.809	0.000	1.292	8.374	
06-Jun-24 10:00:01	23.02488569	0	1.378126144	1.512315512	8.066858292	14.43815699	1275502.95	141.6518974	0.055428	15.396115	0	0	0.001763	0.4898101	48.324	0.000	1.378	17.581	
06-Jun-24 11:00:01	22.89688178	0	1.098824804	1.253013968	0.020709123	13.99889039	1489352.295	190.7773265	0.063596	17.666084	0	0	0.001632	0.4532898	45.499	0.001	1.098	0.072	
06-Jun-24 12:00:01	22.81786919	0.007762752	1.31256987	1.474746752	9.414091872	14.47115707	1292849.386	141.9586862	0.055501	15.418674	2.827E-05	0.0072973	0.001966	0.5431906	48.129	0.017	1.313	18.068	
06-Jun-24 13:00:01	24.09753391	0.029592214	1.265785025	1.431803348	0	13.73436481	1611741.456	230.7932567	0.073671	20.297420	0.00012185	0.03382467	0.002040	0.5666916	46.854	0.062	1.266	0.000	
06-Jun-24 14:00:01	24.55519714	0	1.186822295	1.32520828	0	13.73880651	1561707.366	231.799878	0.073369	20.330231	0	0	0.001838	0.5062852	47.587	0.000	1.187	0.151	
06-Jun-24 15:00:01	25.98426829	0.006102986	1.204991639	1.355138862	0	13.63509862	1593270.53	235.6480114	0.078661	21.847400	2.1643E-05	0.00600752	0.001976	0.5473438	48.097	0.005	1.205	0.000	
06-Jun-24 16:00:01	25.28422495	0.001594178	1.179544485	1.370780468	0	13.47345352	1681964.111	245.6283367	0.082728	22.840457	7.0187E-06	0.00194963	0.001984	0.5511443	48.459	0.003	1.180	0.000	
06-Jun-24 17:00:01	21.99283613	0.000695457	0.894758403	1.06881377	0.058821479	13.40562439	1626911.011	219.9079895	0.067308	18.696586	2.9688E-06	0.00082468	0.001457	0.4048501	40.615	0.011	0.896	0.085	
06-Jun-24 18:00:01	23.23846732	0	0.867333949	1.039448261	0	13.25529044	1742974.634	260.1310425	0.076193	21.164721	0	0	0.001512	0.4199046	42.156	0.000	0.867	0.000	
06-Jun-24 19:00:01	23.04977806	0	0.753097117	0.911436997	0	13.10795467	1706190.918	265.091150	0.073947	20.540745	0	0	0.001294	0.3587151	41.409	0.000	0.753	0.000	
06-Jun-24 20:00:01	23.11110306	0	0.806812299	0.947529733	0	13.21563911	1686566.773	261.812439	0.073334	20.379493	0	0	0.001358	0.3775158	41.666	0.000	0.806	0.000	
06-Jun-24 21:00:01	22.92007699	0	0.720481336	0.895493869	0	13.23232174	1683202.393	262.8110667	0.072206	20.073814	0	0	0.001213	0.3368066	41.261	0.000	0.720	0.000	
06-Jun-24 22:00:01	22.64196068	0	0.824020038	0.978390043	0	13.22276874	1682034.948	261.932251	0.072078	20.021691	0	0	0.001394	0.3872973	40.694	0.000	0.824	0.000	
06-Jun-24 23:00:01	21.70447922	0	0.946731508	1.100119114	0	13.25647928	1715114.748	263.6896362	0.070036	19.454453	0	0	0.001624	0.4510429	39.350	0.000	0.947	0.000	
07-Jun-24 00:00:01	22.10390282	0	1.065308601	1.255593126	0	13.29450185	1701406.325	267.6849976	0.070756	19.654137	0	0	0.001814	0.5038645	40.280	0.000	1.065	0.000	
07-Jun-24 01:00:01	21.69689178	0.000347413	1.16457803	1.3499192	0	13.30001831	1694730.742	261.8840137	0.069181	19.218658	1.5412E-08	0.00042811	0.002018	0.5600130	39.564	0.001	1.166	0.000	
07-Jun-24 02:00:01	19.57937431	0.038101211	1.13156961	1.399958391	6.494075887	14.12251759	1410606.225	168.121933	0.052283	14.525894	0.00014158	0.03832826	0.001608	0.4482133	40.014	0.085	1.132	13.252	
07-Jun-24 03:00:01	22.24144938	0	1.185879061	1.319138488	0	13.27898615	1706850.982	265.018335	0.071423	19.838819	0	0	0.001990	0.5526238	40.438	0.000	1.186	0.000	
07-Jun-24 04:00:01	21.56638673	0.008415134	1.185899899	1.361139855	0	13.51753458	1568470.839	262.3587546	0.067781	18.822461	3.8752E-05	0.01082696	0.001978	0.5496155	39.457	0.000	1.186	0.000	
07-Jun-24 05:00:01	21.83549881	0	0.956248614	1.113813890	0	13.25832672	1714774.78	264.3480225	0.070445	19.568018	0	0	0.001640	0.4554854	39.523	0.001	0.956	0.002	
07-Jun-24 06:00:01	21.63156807	0	0.886969973	1.040277243	0	13.25293922	1657831.147	261.7367554	0.068866	18.888431	0	0	0.001497	0.4156879	39.203	0.000	0.887	0.000	
07-Jun-24 07:00:01	22.93240185	0	1.074293829	1.231525272	4.700045087	14.22575703	1257078.294	143.9776917	0.055631	15.475182	0	0	0.001382	0.3840113	48.305	0.000	1.074	9.628	
07-Jun-24 08:00:01	21.35403833	0	1.531034231	1.696029793	13.1345877	14.45754829	1299847.683	142.2025978	0.050966	14.157854	0	0	0.001942	0.5395397	45.958	0.000	1.531	28.358	
07-Jun-24 09:00:01	21.49704742	0	1.315455794	1.486319799	10.25258936	14.42181687	1287788.452	142.906014	0.051073	14.188647	0	0	0.001681	0.4814284	45.937	0.000	1.315	21.869	
07-Jun-24 10:00:01	21.39106086	0	1.250118704	1.438736569	10.40069478	14.41860477	1237692.806	141.526244	0.049907	13.835236	0	0	0.001584	0.4400736	46.813	0.000	1.280	22.584	
07-Jun-24 11:00:01	22.14244852	0	1.191584540	1.340580861	7.058819695	14.45447063	1258731.086	142.0252076	0.053078	14.993068	0	0	0.001544	0.4288798	47.546	0.000	1.192	17.447	
07-Jun-24 12:00:01	22.25037786	0	1.280212641	1.454800728	9.847078709	14.4766029	1263172.116	143.306637	0.052978	14.688454	0	0	0.001617	0.4492926	47.972	0.000	1.280	21.189	
07-Jun-24 13:00:01	21.39947701	0.003896583	1.261891961	1.411089958	9.617689133	14.44737336	1303648.66	143.4374847	0.052488	14.579417	1.3297E-05	0.00369364	0.001645	0.4569621	45.687	0.005	1.262	20.977	
07-Jun-24 14:00:01	21.89233711	3.17586E-06	1.31256229	1.457103958	8.828624775	14.45698053	1299696.454	142.2035085	0.053487	14.851893	1.082E-08	3.0056E-06	0.001707	0.4740839	47.020	0.000	1.313	12.973	
07-Jun-24 15:00:01	21.88803733	0.001442444	1.357674113	1.502724171	8.850948426	14.50880029	1299416.385	143.0740358	0.053537	14.871263	5.0763E-06	0.00141008	0.001757	0.4879076	47.561	0.016	1.352	12.243	
07-Jun-24 16:00:01	21.07467974	0.040043384	1.27578795	1.440227151	10.2965389	14.34222869	1277682.373	147.2189176	0.050858	14.072000	0.00013382	0.0372508	0.001830	0.4527032	44.495	0.084	1.276	21.826	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-24 17:00:01	21.94184341	0.023656321	1.383117769	1.535934016	9.198698738	14.38049221	1271829.15	142.3057709	0.051537	14.318838	8.5284E-05	0.02372263	0.001772	0.4920914	45.580	0.085	1.399	19.650	
07-Jun-24 18:00:01	22.11842185	0	1.344917538	1.504027247	8.158940179	14.30488852	1269753.908	145.2108765	0.052423	14.561842	0	0	0.001694	0.4706292	46.444	0.000	1.345	10.582	
07-Jun-24 19:00:01	21.71480030	0	1.095048939	1.27462954	0	13.54615122	1635153.228	246.5833533	0.064958	18.043882	0	0	0.001792	0.4977993	39.784	0.000	1.098	0.000	
07-Jun-24 20:00:01	23.30881335	0.002548118	1.030838281	1.193400821	0	13.39830947	1787108.445	263.1271973	0.077043	21.400968	1.1788E-05	0.00325186	0.001811	0.5031368	42.459	0.005	1.031	0.000	
07-Jun-24 21:00:01	23.10146239	0.023998208	1.032871438	1.192925872	0	13.33696884	1775896.128	263.1880483	0.075002	20.833900	0.00010838	0.03010594	0.001782	0.4949620	42.464	0.043	1.033	0.000	
07-Jun-24 22:00:01	24.44008157	0.002997865	1.052307232	1.219024777	0.073198877	13.45137619	1817804.814	234.484787	0.074380	20.660991	1.2803E-05	0.00302579	0.001703	0.4737931	45.527	0.000	1.082	0.000	
07-Jun-24 23:00:01	19.66308449	0.006303712	1.030735804	1.19027287	1.388043781	13.84280041	1496338.597	199.7790609	0.055488	15.413224	2.4724E-05	0.00686782	0.001544	0.4290117	38.914	0.012	1.031	2.902	
08-Jun-24 00:00:01	20.80748854	0.005828252	1.182476072	1.305575808	0.039748916	13.80840335	1599950.674	251.3215852	0.074978	20.827174	3.0218E-05	0.00839309	0.001949	0.5413403	44.750	0.000	1.182	0.024	
08-Jun-24 01:00:01	21.55723442	0.004979718	1.180088384	1.325982835	0	13.53758607	1561342.163	244.2059937	0.067724	18.812178	2.1694E-05	0.00601537	0.001942	0.5395155	41.299	0.000	1.189	0.000	
08-Jun-24 02:00:01	20.69230877	0	1.348717332	1.492888015	17.32730019	14.34808574	1272518.479	145.0845294	0.049468	13.741952	0	0	0.001716	0.4767403	43.088	0.000	1.349	25.988	
08-Jun-24 03:00:01	21.47302983	0	1.127738512	1.289379001	0.873422272	13.93153000	1448305.264	188.2168884	0.058514	16.253881	0	0	0.001633	0.4535241	42.684	0.000	1.127	1.798	
08-Jun-24 04:00:01	21.72378349	0.008802474	1.323738118	1.457790017	10.23797703	14.43365825	1258725.198	144.8878804	0.051854	14.483891	1.8868E-05	0.00516826	0.001679	0.4665180	45.413	0.000	1.324	21.042	
08-Jun-24 05:00:01	21.39402989	0	1.329818726	1.47587904	12.05008221	14.44487581	1301338.745	144.6039784	0.052382	14.550493	0	0	0.001731	0.4807085	45.855	0.000	1.330	25.345	
08-Jun-24 06:00:01	21.52130884	0	1.060368988	1.214475009	0	13.314888	1723259.283	252.5750732	0.069779	19.383190	0	0	0.001827	0.5078122	39.311	0.000	1.060	0.000	
08-Jun-24 07:00:01	21.5848278	0.00829889	1.35078189	1.501118899	9.011476517	14.41740011	1295868.53	144.2504218	0.052868	14.685867	2.1356E-05	0.00593193	0.001750	0.4862250	46.311	0.000	1.361	19.382	
08-Jun-24 08:00:01	21.48828481	0.045958729	1.350383964	1.51084783	11.77321338	14.43774403	1276891.412	147.9190628	0.051618	14.338453	0.00013891	0.0385303	0.001724	0.4790051	45.971	0.089	1.350	25.355	
08-Jun-24 09:00:01	22.02405943	0.002447147	1.38748014	1.534498098	9.37823737	14.43073273	1299993.442	143.0459228	0.053490	14.858245	1.1048E-05	0.00323558	0.001791	0.4975290	47.134	0.005	1.387	19.637	
08-Jun-24 10:00:01	21.19450324	8.44665E-05	1.413445234	1.564992769	12.38161048	14.46551268	1282599.609	143.7024841	0.051145	14.206823	2.8365E-07	7.8791E-05	0.001813	0.5038790	45.606	0.000	1.413	28.464	
08-Jun-24 11:00:01	21.50505692	0.044104898	1.413407326	1.564275858	11.28854275	14.47240543	1278780.188	143.0312195	0.051739	14.371967	0.00014783	0.04100949	0.001897	0.5020994	46.294	0.096	1.413	24.382	
08-Jun-24 12:00:01	21.134058	0	1.385803342	1.539177289	10.49308774	14.49342728	1328273.929	142.8260345	0.052814	14.679571	0	0	0.001841	0.5113120	45.652	0.000	1.385	22.673	
08-Jun-24 13:00:01	21.38058769	0.096075969	1.345184207	1.50406901	10.69785658	14.46689095	1278741.821	142.0896285	0.051438	14.288234	0.00031924	0.08830634	0.001720	0.4778175	45.988	0.206	1.345	23.597	
08-Jun-24 14:00:01	23.38898888	0.156163391	1.255801082	1.408317817	3.858446629	14.32468851	1326430.068	146.3598878	0.058222	16.209561	0.00054431	0.15119898	0.001664	0.4623473	49.226	0.330	1.259	8.383	
08-Jun-24 15:00:01	20.74068815	0.013852858	1.119388077	1.281329819	5.368309806	14.70875308	1368947.775	182.788147	0.052414	14.837211	4.9629E-05	0.01378898	0.001532	0.4256383	43.500	0.029	1.119	13.322	
08-Jun-24 16:00:01	19.28587198	0	1.341389377	1.509088329	11.82714252	14.78457358	1303187.48	149.4994507	0.049666	13.799690	0	0	0.001828	0.5079160	40.539	0.000	1.341	23.918	
08-Jun-24 17:00:01	22.70306834	0.003530789	1.142372727	1.30606928	5.584850849	14.38591902	1261810.405	143.3233337	0.053460	14.852493	1.1509E-05	0.00321373	0.001430	0.3972317	48.260	0.019	1.142	11.947	
08-Jun-24 18:00:01	21.53214073	0.045538301	1.359509761	1.509634878	10.6981945	14.45469986	1330538.901	143.3837128	0.053913	14.975706	0.00016212	0.04503337	0.001804	0.5011346	46.113	0.096	1.359	23.147	
08-Jun-24 19:00:01	19.30517567	0	1.20306939	1.443456888	14.72790609	14.51927619	1315210.693	148.4211594	0.047760	13.260224	0	0	0.001701	0.4724125	40.591	0.000	1.203	31.230	
08-Jun-24 20:00:01	20.12884822	0.098992741	1.219536232	1.373260379	11.39414366	14.30951718	1321805.594	155.5321838	0.050052	13.903363	0.00034251	0.09514237	0.001612	0.4477748	42.274	0.208	1.220	24.039	
08-Jun-24 21:00:01	22.46509049	4.87279E-05	0.999349651	1.089804516	0	13.28451047	1730546.997	261.4368456	0.073248	20.344626	2.1167E-07	5.8797E-05	0.001625	0.4515624	40.944	0.000	0.932	0.000	
08-Jun-24 22:00:01	23.17847527	0.052387875	0.94514917	1.102840943	0	13.34410687	1724730.225	266.2230082	0.075195	20.887813	0.00023851	0.06568778	0.001632	0.4532922	42.607	0.096	0.948	0.000	
08-Jun-24 23:00:01	19.32468246	0.079041377	1.008479857	1.225932032	1.757808159	13.53957863	1549858.032	200.6557974	0.055934	15.537326	0.0003188	0.08855554	0.001646	0.4573205	37.800	0.155	1.058	3.806	
09-Jun-24 00:00:01	19.88181016	0	1.125519837	1.273260713	3.242784745	14.01417255	1456361.816	164.3391794	0.054393	15.109092	0	0	0.001639	0.4553198	39.935	0.000	1.125	6.779	
09-Jun-24 01:00:01	21.59221700	0	1.2519829	1.405578971	1.482263942	13.90849251	1411618.229	176.7161713	0.057181	15.883679	0	0	0.001767	0.4908794	43.031	0.000	1.252	2.816	
09-Jun-24 02:00:01	23.08477333	0.076604139	0.979572184	1.12958825	3.059374809	13.28347683	1737910.689	265.0753479	0.075382	20.939429	0.00034939	0.0970534	0.001703	0.4729387	41.911	0.132	0.980	0.000	
09-Jun-24 03:00:01	21.72918701	0.027245868	1.068694115	1.223023922	0	13.31399392	1652038.898	263.5161387	0.068764	19.100992	0.00012005	0.03334776	0.001798	0.4993291	39.880	0.050	1.069	0.000	
09-Jun-24 04:00:01	22.70067978	0	0.891126335	1.042387806	0	13.27787754	1705408.494	254.4234619	0.072838	20.232208	0	0	0.001520	0.4221480	41.276	0.000	0.891	0.000	
09-Jun-24 05:00:01	22.59844131	0.026934499	1.034837501	1.191401124	0	13.43524561	1712903.687	258.874039	0.073793	20.498181	0.00012077	0.03354598	0.001773	0.4924301	42.500	0.061	1.035	0.000	
09-Jun-24 06:00:01	21.55881392	0.002559689	1.035334828	1.179207883	0	13.35177423	1707788.492	258.177002	0.069262	19.238380	1.1443E-05	0.00317849	0.001768	0.4911480	39.571	0.002	1.035	0.000	
09-Jun-24 07:00:01	21.85190261	0	1.3171525	1.475158585	11.28512241	14.43817318	1290817.92	143.4774323	0.052574	14.603992	0	0	0.001700	0.4722657	46.348	0.000	1.317	24.258	
09-Jun-24 08:00:01	21.55507172	0.154033568	1.344934275	1.507228856	12.05214714	14.41655064	1309319.58	143.4127045	0.052729	14.644825	0.00062630	0.17390659	0.001749	0.4857901	46.015	0.393	1.345	26.017	
09-Jun-24 09:00:01	22.05899374	0.005680038	1.291673592	1.437287331	9.919021608	14.42873192	1294849.17	144.2595801	0.053732	14.925874	1.928E-05	0.00535585	0.001672	0.4644080	47.791	0.001	1.292	21.462	
09-Jun-24 10:00:01	21.58758675	0.016495221	1.41019845	1.384641337	10.52718589	14.43088631	1288803.833	142.7073975	0.052345	14.540275	5.2284E-05	0.01452335	0.001817	0.5048525	46.191	0.030	1.410	23.168	
09-Jun-24 11:00:01	21.53385363	0.02788137	1.521873116	1.390193860	11.27108893	14.44200802	1302909.18	143.0205353	0.052786	14.662647	9.5021E-05	0.02639481	0.001983	0.5507951	46.334	0.062	1.532	24.100	
09-Jun-24 12:00:01	21.99415398	0.097370869	1.418804349	1.403169718	10.7332983	14.46030031	1320079.958	142.8754105	0.054924	15.173437	0.00033646	0.09346026	0.001873	0.5202947	47.294	0.208	1.416	23.170	
09-Jun-24 13:00:01	21.5880021	0.113982059	1.40438058	1.563717298	11.8718118	14.45202448	1300763.062	144.5157329	0.053560	14.577992	0.00039631	0.11094121	0.001827	0.5074351	46.981	0.251	1.404	24.141	
09-Jun-24 14:00:01	21.13454437	0.162591964	1.465757251	1.401893867	12.43420792	14.48210290	1277304.588	143.1224933	0.050769	14.187848	0.00054352	0.1510053	0.001872	0.5200697	45.316	0.349	1.466	26.584	
09-Jun-24 15:00:01	22.10042015	0.093077565	1.410915813	1.580534815	8.88195019	14.44486046	1344834.473	142.9250401	0.056145	15.595914	0.00032765	0.09101488	0.001897	0.5276889	47.563	0.257	1.411	16.750	
09-Jun-24 16:00:01	21.200634	0.022704865	1.370263336	1.537742863	12.83658663	14.45020458	1284925.66	143.4796757	0.051251	14.236516	7.6386E-05	0.02121289	0.001781	0.4866081	45.716	0.049	1.370	27.595	
09-Jun-24 17:00:01	21.4770911	0.011675782	1.279495713	1.437395925	11.40774727	14.47316738	1304705.322	141.5505875	0.052721	14.644770	3.9873E-05	0.01107585	0.001669	0.4637125	46.276	0.025	1.279	24.455	
09-Jun-24 18:00:01	26.18794632	0	1.233145885	1.38604178	0	13.38017941	1726378.069	264.9733887	0.085058	23.627258	0	0	0.002129	0.5913063	48.260	0.000	1.233	0.063	
09-Jun-24 19:00:01	25.17873303	0.006797261	1.10271885	1.280290132	0	13.75982057	1598175.903	226.8038361	0.066597	18.499278	3.3341E-06	0.00092613	0.001760	0.4889258	43.019	0.002	1.103	0.000	
09-Jun-24 20:00:01	22.58351135	0.180427825	0.968030463	1.128402879	0	13.25309303	1732279.907	263.2689819	0.073602	20.444945	0.00038469	0.10130318	0.001677	0.4658055	42.945	0.146	0.968	0.000	
09-Jun-24 21:00:01	22.57047484	0	0.797979178	0.958723903	0	13.27519538	1674941.538	269.2906189	0.072098	20.027282	0	0	0.001337	0.3712690	41.501	0.101	0.798	0.000	
09-Jun-24 22:00:01	20.17245483	0	0.945701697	1.09624084	8.257038931	14.20539706	1394296.948	181.8740112	0.052943	14.706471	0	0	0.001318	0.3664587	41.702	0.000	0.945	17.118	
09-Jun-24 23:00:01	23.41749765	0	0.904094458	1.05713582	0	13.36899948	1701036.623	252.097702	0.074946	20.818234	0	0	0.001538	0.4272089	43.091	0.000	0.904	0.000	
10-Jun-24 00:00:01	21.81659981	0	1.196184344	1.348463693	9.308872968	14.3048448	1254874.578	143.7729947	0.051039	14.177498	0	0	0.001504	0.4178618	48.006	0.000	1.196	20.004	
10-Jun-24 01:00:01	21.95441208	0	1.01253283	1.134412697	0.628575947	13.93297247	1481951.318	196.5574341	0.060929	16.924671	0	0	0.001500	0.4167842	43.436	0.000	1.013	1.124	
10-Jun-24 02:00:01	21.37038116	0	1.092822075	1.24916923	1.540769549	13.91612993	1487441.04	199.1529694	0.059552	16.542264	0	0	0.001604	0.4454589	42.789	0.000	1.093	3.550	
10-Jun-24 03:00:01	21.52434921	0	1.38293812	1.530977011	12.02848858	14.42800771	1285958.594	142.6234332	0.051240	14.233213	0	0	0.001750	0.4860660	45.980	0.000	1.383	25.812	
10-Jun-24 04:00:01	21.86382217	0	1.486759921	1.687840071	14.42902574	14.4148822	1288226.563	143.374175	0.051691	14.358475	0	0	0.001822	0.5061491	46.234	0.000	1.487	30.515	
10-Jun-24 05:00:01	22.80946788	0	1.381942272	1.560435682	5.915871349	14.29832095	1283852.918	143.9891244	0.055387	16.383118	0	0	0.001781	0.4947595	47.497	0.000	1.382	12.854	
10-Jun-24 06:00:01	23.7348811	0	0.824529568	0.963100474	0	13.38354733	1708208.582	254.759613	0.076279	21.188513	0	0	0.001405	0.3912401	43.544	0.000	0.825	0.000	
10-Jun-24 07:00:01	21.64244451	0	1.311885045	1.45950021	12.75100136	14.43732929	1305666.968	142.4700012	0.053325	14.813279	0	0	0.001718	0.4772601	46.370	0.000	1.312	27.234	
10-Jun-24 08:00:01	23.18329239	0	1.312775612	1.460740209	6.314109725	14.33500491	1327801.142	147.945349	0.057916	16.087840	0	0	0.001743	0.4841958	48.692	0.000	1.312	12.993	
10-Jun-24 09:00:01	20.54715538	0	0.970040083	1.108893158	1.878973769	13.92288015	1508797.974	191.5032043	0.058326	16.201651	0	0	0.001464	0.4065540	42.788	0.000	0.970	3.798	
10-Jun-24 10:00:01	22.2131958	0	1.540000661	1.698287817	9.808558791	14.42139721	1299870.723	142.3819095	0.054324	15.089946	0	0	0.002002	0.5560885	47.483	0.000	1.540	20.215	
10-Jun-24 11:00:01	15.53896713	0.006380023	1.288869296	1.460660467	4.944358601	14.08134692	1450737.549	180.0308729	0.053330	14.813815	2.3848E-05	0.00662442	0.001870	0.5193194	32.974	0.013	1.289	9.931	
10-Jun-24 12:00:01	21.69786453	0.00686926	1.63154614	1.704599203	12.6570986	14.46009418	1291945.313	143.1691742	0.052740	14.649009	2.93E-05	0.00813877	0.002106	0.5855196	46.038	0.021	1.632	27.339	
10-Jun-24 13:00:01	22.34892082	0.000682946	1.382753491	1.528173865	0.298797735	13.80300502	1630547.974	210.1840778	0.063935	17.759099	2.7182E-06	0.00075507	0.002103	0.5840397	44.212	0.002	1.383	0.495	
10-Jun-24 14:00:01	20.44480515	0.028197214	1.288529396	1.420162201	1.004290482	13.60190945	1578181.409	212.3871843	0.066827	18.640761	0.00011633	0.0323161	0.002031	0.5641473	39.891	0.050	1.289	1.995	
10-Jun-24 15:00:01	21.15874481	0.003072828	1.48787715	1.636281282	16.03347297	14.52157051	1273143.677	144.0199585	0.050681	14.078092	1.024E-05	0.00284437	0.001866	0.5191183	45.920	0.000	1.488	35.891	
10-Jun-24 16:00:01	20.42541895	0.005626378	1.615388485	1.765729733	15.2913985	14.35809891	1285090.825	144.0880542	0.049395	13.720898	1.8694E-05	0.00519505	0.002078	0.5787795	43.337	0.000	1.615	32.507	
10-Jun-24 17:00:01	21.40125556	0.022366018	1.431873083	1.597869562	11.09486815	14.41687489	1293415.181	142.6750305	0.052876	14.466174	7.5723E-05	0.02103418	0.001862	0.5144482	45.693	0.050	1.432	23.580	
10-Jun-24 18:00:01	21.38977196	0.001680093	1.58724596	1.720248615	12.20618529	14.37321076	1249085.547	142.6117188	0.050243	13.956519	6.1501E-06	0.00170835	0.001959	0.5440457	45.153	0.003	1.587	25.485	
10-Jun-24 19:00:01	20.05546744	0	1.235021472	1.417287084	5.254728489	13.98091607	1451137.456	190.7359184	0.054841	15.233575	0	0	0.001743	0.4841878	41.375	0.000	1.235	9.969	
10-Jun-24 20:00:01	21.93889518	0.00291885	1.378493547	1.535153151	10.7776415	14.47847488	1248534.18	140.4476883	0.051451	14.292690	9.1977E-06	0.00255481	0.001718	0.4773185	47.000	0.000	1.378	23.290	
10-Jun-24 21:00:01	21.43263245	0	1.483778694	1.621834397	12.97329407	14.41924809	1371584.644	142.3296509	0.051288	14.246222	0	0	0.001887	0.5242218	45.918	0.000	1.484	28.812	
10-Jun-24 22:00:01	21.87202271	0	1.4795749	1.658587707	13.71649094	14.44168279	1290782.847	142.3891705	0.052631	14.619680	0	0	0.001918	0.5326086	45.440	0.000	1.450	29.266	
10-Jun-24 23:00:01	21.66107883	0	1.659591432	1.750921729	13.06459332	14.41862043	1277845.826	142.4160004	0.051932	14.425483	0	0	0.002052	0.5699517	46.709	0.000	1.606	28.160	
11-Jun-24 00:00:01	21.09828244	0	1.100058022	1.260174445	3.194375615	13.94930744	1452417.969	184.6734619	0.057631	16.008494	0	0	0.001506	0.4438219	42.008	0.000	1.100	6.272	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-24 01:00:01	21.32720566	0	1.38216071	1.52474153	11.92509106	14.37785244	1247866.846	140.0301737	0.049575	13.652709	0	0	0.001693	0.4702600	45.279	0.000	1.382	25.435	
11-Jun-24 02:00:01	21.75244713	0	1.508730413	1.649628374	11.14456137	14.34247494	1288465.042	143.300105	0.051083	14.192578	0	0	0.001884	0.5232250	45.903	0.000	1.500	23.365	
11-Jun-24 03:00:01	20.99745089	0	1.482853293	1.634848442	11.83012395	14.36031233	1270189.087	142.9953156	0.050178	13.938354	0	0	0.001884	0.5231958	44.457	0.000	1.483	25.193	
11-Jun-24 04:00:01	21.29297447	0	1.356174422	1.504136982	12.18940619	14.38316013	1248848.145	142.9821881	0.050029	13.897844	0	0	0.001692	0.4701131	46.095	0.000	1.356	25.906	
11-Jun-24 05:00:01	20.82157326	0	1.611367202	1.683956604	15.36003598	14.27107486	1293223.633	141.9246216	0.050660	14.072293	0	0	0.001955	0.5429266	44.193	0.000	1.611	32.577	
11-Jun-24 06:00:01	21.11169052	0	1.373334098	1.471927643	11.35300155	14.3412196	1254632.597	145.2167139	0.048909	13.835931	0	0	0.001660	0.4609734	44.547	0.000	1.373	23.777	
11-Jun-24 07:00:01	21.26781845	0	1.302526503	1.44410634	10.72211808	14.35841465	1276970.581	142.9967239	0.051050	14.182035	0	0	0.001662	0.4616027	45.010	0.000	1.303	22.984	
11-Jun-24 08:00:01	21.18677385	0	1.481953873	1.634291549	13.12880611	14.37058462	1251214.111	143.4802904	0.049872	13.853274	0	0	0.001854	0.5150795	44.921	0.000	1.482	27.773	
11-Jun-24 09:00:01	22.2858824	0	0.868335271	1.031039834	0	13.56942849	1566664.81	228.9841851	0.065855	18.237420	0	0	0.001391	0.3863342	42.242	0.000	0.868	0.000	
11-Jun-24 10:00:01	22.17700819	0	1.080548525	1.238807986	5.342858860	14.29304344	1339401.733	162.8339233	0.055865	15.523544	0	0	0.001447	0.4020246	45.987	0.000	1.081	11.037	
11-Jun-24 11:00:01	22.69812164	0.00014476	1.387629867	1.538869328	3.961240611	14.23870458	1350586.304	164.7132886	0.057421	15.950384	5.1177E-07	0.00014218	0.001874	0.5205872	46.961	0.000	1.388	8.258	
11-Jun-24 12:00:01	22.29305221	0	1.321729064	1.497980832	4.161380433	14.23599259	1360110.84	163.7783201	0.057946	15.949931	0	0	0.001796	0.4993808	46.381	0.000	1.322	8.601	
11-Jun-24 13:00:01	22.47356415	0	1.061139822	1.223327531	3.298380375	14.20123388	1429408.64	162.0063477	0.060437	16.788191	0	0	0.001517	0.4213331	46.390	0.000	1.061	6.693	
11-Jun-24 14:00:01	22.07448722	0.034519651	1.377930179	1.533787342	4.211950713	14.20587303	1356094.092	162.4130096	0.056303	15.639612	8.8147E-05	0.02448515	0.001866	0.5189182	45.313	0.152	1.378	8.847	
11-Jun-24 15:00:01	22.13781488	0.00811585	1.266758782	1.404122353	4.82314539	14.25210306	1353414.063	163.7720642	0.056370	15.658273	2.8755E-05	0.00798781	0.001708	0.4729893	46.171	0.000	1.268	9.889	
11-Jun-24 16:00:01	22.17808814	0.079499795	1.336540912	1.501958028	6.763010979	14.29063883	1354352.051	168.0414276	0.056513	15.697983	0.00010458	0.0290502	0.001813	0.5035716	48.170	0.047	1.339	14.168	
11-Jun-24 17:00:01	21.8482029	0.142604027	1.316429833	1.465558754	4.904818366	14.24798879	1334882.69	161.7165894	0.054368	15.102242	0.00048808	0.13560904	0.001767	0.4881332	46.060	0.297	1.316	9.919	
11-Jun-24 18:00:01	20.92014917	0.081397324	1.258437634	1.407233208	7.524469862	14.2897849	1338441.284	161.5020129	0.052686	14.633228	0.00018007	0.0500194	0.001684	0.4678736	43.881	0.153	1.258	15.545	
11-Jun-24 19:00:01	21.78194783	0.006293406	1.126037691	1.277858863	5.089565277	14.12336989	1348125.61	164.1920385	0.055114	15.309459	2.2175E-05	0.00615985	0.001518	0.4218991	44.924	0.003	1.125	10.454	
11-Jun-24 20:00:01	21.75728208	0	1.070237158	1.223701358	4.44731565	14.1503849	1396322.903	162.1249483	0.057167	15.876947	0	0	0.001494	0.4151104	44.840	0.001	1.070	9.187	
11-Jun-24 21:00:01	22.42147498	0	1.126487814	1.290223840	2.265389163	14.03115885	1370513.306	162.5316772	0.057813	16.058199	0	0	0.001548	0.4299938	45.325	0.000	1.129	4.304	
11-Jun-24 22:00:01	20.9344368	0	1.108765802	1.259203719	7.051675797	14.18727894	1397568.792	162.5551856	0.053478	14.852098	0	0	0.001505	0.4181239	43.182	0.000	1.109	14.195	
11-Jun-24 23:00:01	20.5320014	0	1.120148152	1.267069798	8.041492542	14.19441988	1338738.594	164.5508103	0.051938	14.343451	0	0	0.001497	0.4159287	42.428	0.000	1.120	16.402	
12-Jun-24 00:00:01	22.29011348	0	1.296186865	1.439220887	4.192130879	14.12540011	1324549.805	164.5384827	0.055547	15.429694	0	0	0.001717	0.4769066	45.508	0.000	1.296	8.328	
12-Jun-24 01:00:01	21.32075844	0	1.290570817	1.450475336	8.31248188	14.34578081	1358834.521	167.9170074	0.054123	15.934189	0	0	0.001790	0.4858836	44.135	0.000	1.291	17.301	
12-Jun-24 02:00:01	21.37404251	0	1.087888121	1.229948077	8.287521094	14.2721914	1358454.234	179.969963	0.054547	15.151941	0	0	0.001448	0.4022263	44.642	0.000	1.088	17.287	
12-Jun-24 03:00:01	21.52941704	0	1.039281699	1.194985894	6.091027737	14.23231002	1383748.901	162.671051	0.055239	15.344181	0	0	0.001417	0.3936922	44.729	0.000	1.039	13.034	
12-Jun-24 04:00:01	20.5901307	0	1.135088021	1.289005544	8.396458718	14.21393364	1324869.824	163.3091583	0.051560	14.322352	0	0	0.001504	0.4178401	42.649	0.000	1.135	17.529	
12-Jun-24 05:00:01	20.98852822	0	1.154219379	1.318622257	8.342047891	14.18181283	1373831.421	162.2850098	0.054244	15.067678	0	0	0.001599	0.4442292	43.278	0.000	1.164	17.169	
12-Jun-24 06:00:01	23.1445981	0	1.228446007	1.384186983	2.327769928	14.07173729	1376836.914	165.9931946	0.059942	16.650593	0	0	0.001601	0.4097396	46.925	0.000	1.228	4.426	
12-Jun-24 07:00:01	21.08584786	0	1.123931418	1.27935659	7.005476677	14.20294677	1358943.737	165.4832611	0.054307	15.085268	0	0	0.001538	0.4273588	43.906	0.000	1.124	14.634	
12-Jun-24 08:00:01	21.6553469	0	1.032916548	1.180021179	2.172281804	13.97819992	1419007.568	184.5732727	0.057782	16.050641	0	0	0.001465	0.4068585	43.332	0.000	1.033	4.351	
12-Jun-24 09:00:01	23.08874909	0	0.977003694	1.13187729	3.015984899	14.10085171	1339445.187	162.7373962	0.058191	16.139182	0	0	0.001309	0.3635122	47.572	0.000	0.977	5.970	
12-Jun-24 10:00:01	22.49848285	0	1.288611309	1.447277488	4.49021244	14.28148888	1374615.938	182.0643311	0.058178	16.159977	0	0	0.001771	0.4919664	46.929	0.000	1.289	2.438	
12-Jun-24 11:00:01	22.11969081	0	1.158975827	1.31429785	2.201358729	14.07302544	1482824.023	191.7092295	0.061700	17.138096	0	0	0.001716	0.4764588	44.885	0.000	1.157	4.256	
12-Jun-24 12:00:01	21.95568857	0	1.317244053	1.457697283	5.915814128	14.29315759	1369310.426	159.7429607	0.056191	15.608512	0	0	0.001792	0.4977391	45.010	0.000	1.317	12.634	
12-Jun-24 13:00:01	21.28048082	0.013062255	1.505532613	1.650442624	5.678922384	14.20245361	1349869.576	158.3931274	0.054037	15.010363	4.8148E-05	0.01281881	0.002032	0.5643988	44.005	0.028	1.505	11.699	
12-Jun-24 14:00:01	22.41870335	0.10238918	1.353306875	1.533038024	4.962272527	14.24509757	1359942.527	155.9469599	0.057356	15.933011	0.00036626	0.10173034	0.001861	0.5168841	46.651	0.200	1.359	9.980	
12-Jun-24 15:00:01	21.15609227	0.085517508	1.323708897	1.488694358	6.980990429	14.27631187	1308326.103	160.5791626	0.052075	14.465327	0.00029287	0.08135266	0.001732	0.4810688	44.410	0.115	1.324	14.627	
12-Jun-24 16:00:01	22.08014824	0.098125605	1.343547305	1.531687883	5.003418886	14.29981015	1356997.373	162.24261	0.057981	16.069176	0.00034011	0.09097497	0.001872	0.5199095	46.012	0.205	1.350	10.309	
12-Jun-24 17:00:01	22.10520488	0.285188329	1.308831018	1.47423172	4.771454611	14.38463318	1358102.295	160.0460358	0.058492	16.680340	0.00094821	0.26283561	0.001777	0.4935067	46.129	0.595	1.308	10.062	
12-Jun-24 18:00:01	21.55072403	0.049584057	1.282151818	1.436400702	4.914741039	14.21847725	1350257.397	162.2588	0.054858	16.237807	0.00017649	0.04874858	0.001735	0.4818602	44.688	0.103	1.282	10.290	
12-Jun-24 19:00:01	22.78980581	0.043385109	1.063407928	1.222383781	0	13.36226426	1814433.105	272.7612529	0.077830	21.619004	0.0002961	0.05725064	0.001926	0.5350674	41.368	0.079	1.063	0.000	
12-Jun-24 20:00:01	20.71499062	0.076026794	1.326612042	1.499184251	0	13.74480057	1649887.373	218.3956299	0.068091	18.775245	0.00011368	0.03157764	0.002082	0.5728958	40.088	0.052	1.331	0.071	
12-Jun-24 21:00:01	23.23890484	0.047374885	1.166752815	1.320086996	0	13.29084019	1717654.416	260.8162231	0.075086	20.860606	0.00021496	0.05971561	0.001990	0.5528781	42.098	0.006	1.169	0.000	
12-Jun-24 22:00:01	22.58837624	0	1.408690096	1.582694048	6.907815531	14.37416318	1289838.597	142.1836047	0.054321	15.089207	0	0	0.001817	0.5046384	47.209	0.000	1.409	13.847	
12-Jun-24 23:00:01	21.56640646	0	1.537925243	1.699609258	8.788311218	14.34740829	1275248.022	148.7757721	0.052538	14.593196	0	0	0.001962	0.5450441	45.289	0.000	1.538	18.616	
13-Jun-24 00:00:01	20.04787877	0.003882791	1.477036891	1.622375907	15.76453091	14.35306835	1292476.394	160.7268124	0.048750	13.541544	1.3088E-05	0.00363014	0.001909	0.5302883	40.383	0.000	1.477	33.558	
13-Jun-24 01:00:01	22.1388865	0.019017778	1.344905734	1.498810572	7.078259456	14.33730865	1301941.408	149.4288788	0.054277	15.076827	6.4812E-05	0.0180032	0.001751	0.4863857	45.534	0.048	1.345	15.009	
13-Jun-24 02:00:01	21.74268052	0.028416309	1.535659836	1.68775969	9.865787419	14.39758406	1283308.525	147.0795898	0.052505	14.584721	8.8753E-05	0.02465356	0.001971	0.5475216	46.052	0.059	1.536	21.101	
13-Jun-24 03:00:01	21.48189234	0	1.585692577	1.72484173	10.84182549	14.39390078	1261162.77	148.0109406	0.050819	14.116387	0	0	0.001972	0.5476982	45.487	0.000	1.583	22.914	
13-Jun-24 04:00:01	21.90032858	0.01383448	1.320268458	1.437083889	8.149788867	14.30869744	1338134.033	162.9242249	0.055134	15.315138	4.8458E-05	0.0134605	0.001726	0.4796313	45.054	0.023	1.320	17.297	
13-Jun-24 05:00:01	21.09385463	0	1.349565470	1.529480418	9.935373716	14.37523251	1266244.673	148.2458036	0.050251	13.958733	0	0	0.001709	0.4746883	44.418	0.000	1.350	20.940	
13-Jun-24 06:00:01	22.12626334	0	1.444304857	1.591739088	8.075182073	14.25328711	1233472.29	149.6271609	0.051510	14.308237	0	0	0.001782	0.4949324	45.986	0.000	1.445	18.740	
13-Jun-24 07:00:01	21.93557465	0	1.404188614	1.587902207	8.829041725	14.32520868	1301897.332	147.4872284	0.053486	14.857226	0	0	0.001829	0.5078081	45.974	0.000	1.404	18.794	
13-Jun-24 08:00:01	21.80704041	0	1.294779062	1.440689062	10.05687332	14.35849258	1274725.952	147.9202271	0.051819	14.394215	0	0	0.001650	0.4584690	45.724	0.000	1.295	21.242	
13-Jun-24 09:00:01	21.72652998	0	1.411589503	1.563607368	9.646180371	14.40269883	1303739.258	147.5795423	0.053287	14.804826	0	0	0.001840	0.5112088	46.219	0.000	1.412	21.181	
13-Jun-24 10:00:01	22.77210349	0	1.238424083	1.40505147	5.440774441	14.347488	1320033.938	147.6287615	0.056550	15.708205	0	0	0.001636	0.4541005	46.230	0.000	1.238	11.859	
13-Jun-24 11:00:01	22.15783097	0.005142185	1.317836417	1.474470377	9.221301842	14.43187498	1255937.891	148.2505787	0.052321	14.533824	1.6864E-05	0.00468267	0.001654	0.4593745	47.410	0.012	1.318	19.057	
13-Jun-24 12:00:01	21.73858927	0	1.347241759	1.50981738	8.474292848	14.43321765	1293208.13	149.2169342	0.052886	14.690063	0	0	0.001742	0.4830622	46.628	0.000	1.347	18.267	
13-Jun-24 13:00:01	22.43774582	0.081812828	1.38611312	1.528436569	8.40237711	14.36475182	1298382.189	147.2171021	0.053097	14.749176	0.00028942	0.07475585	0.001743	0.4841194	47.620	0.173	1.385	18.306	
13-Jun-24 14:00:02	23.91787774	0.114379888	1.182350520	1.340471148	1.78291717	14.22437783	1374192.18	161.7264887	0.061835	17.176343	0.00041141	0.11427974	0.001625	0.4513188	49.458	0.238	1.182	3.351	
13-Jun-24 15:00:02	23.63386046	0.004884087	1.468299731	1.585428555	3.149731838	14.29112911	1386432.619	145.5590006	0.066424	18.568713	1.6962E-05	0.00471736	0.001883	0.5231798	49.570	0.002	1.469	6.403	
13-Jun-24 16:00:02	22.29820203	0.099570919	1.343729233	1.505198058	8.2822509	14.43204617	1283605.371	146.7060723	0.053814	14.948293	0.00033453	0.09292419	0.001725	0.4791838	47.621	0.206	1.344	17.481	
13-Jun-24 17:00:02	22.09810759	0	1.35125798	1.501573443	8.178092003	14.40723038	1317834.832	147.5958728	0.054624	15.173422	0	0	0.001778	0.4934825	47.124	0.000	1.352	17.458	
13-Jun-24 18:00:02	22.0083784	0.010277924	1.313922182	1.489088865	7.870816043	14.40840862	1285781.006	147.9123363	0.053360	14.822347	3.4502E-06	0.00095384	0.001669	0.4690930	47.118	0.036	1.313	17.049	
13-Jun-24 19:00:02	24.61289384	0.091897889	1.212287428	1.385199017	0	13.54796074	1834420.859	247.6060017	0.075684	21.023440	0.00039318	0.1092115	0.001981	0.5503871	45.369	0.171	1.212	0.000	
13-Jun-24 20:00:02	22.94273276	0.001685772	1.121851087	1.280904784	0	13.29312882	1686051.392	261.406189	0.072777	20.215870	7.44E-08	0.00206688	0.001891	0.5254183	41.824	0.003	1.722	0.000	
13-Jun-24 21:00:02	24.01545334	0.135387126	0.994814409	1.161064373	0	13.23538665	1737691.357	264.3964844	0.078522	21.811718	0.0006158	0.17105447	0.001729	0.4801480	43.428	0.236	0.995	0.000	
13-Jun-24 22:00:02	22.82200928	0.031080183	0.901350681	1.150412202	0	13.28489611	1721159.302	261.914978	0.073254	20.348327	0.00013993	0.03887682	0.001723	0.4787455	41.066	0.056	1.001	0.000	
13-Jun-24 23:00:02	23.25229808	0.122667739	1.009829422	1.257370079	0	13.26484689	1721066.65	263.8038763	0.075291	20.914142	0.00055282	0.15356874	0.001892	0.5254176	42.087	0.228	1.069	0.000	
14-Jun-24 00:00:02	22.20814139	0.024786785	1.034702301	1.191821529	0	13.27714534	1690213.015	259.8534844	0.070621	19.618888	0.00010957	0.0304383	0.001749	0.4857965	40.372	0.031	1.035	0.000	
14-Jun-24 01:00:02	20.44366384	0.129110947	1.129357072	1.282186891	0.781305373	13.73030081	1489638.062	205.731642	0.057304	15.917692	0.00050344	0.13984355	0.001682	0.4673065	39.616	0.261	1.129	1.254	
14-Jun-24 02:00:02	21.21579873	0.032439346	1.204234087	1.346421957	9.126453659	14.34252371	1344379.761	158.3520095	0.053964	14.906658	0.00032852	0.00132778	0.001622	0.4504546	44.920	0.196	1.205	19.381	
14-Jun-24 03:00:02	21.42884064	7.68346E-05	1.370746266	1.519549104	9.04776371	14.33120537	1275485.598	145.8195428	0.051423	14.284028	2.5588E-07	7.1072E-05	0.001748	0.4856575	45.173	0.007	1.371	19.253	
14-Jun-24 04:00:02	21.99152917	0	1.254383284	1.406910062	6.505187048	14.2057487	1310898.245	132.2908032	0.054217	15.060756	0	0	0.001644	0.4566262	45.487	0.000	1.265	13.763	
14-Jun-24 05:00:02	23.07043648	0	1.142062871	1.284605292	1.432818478	14.00391392	1437436.547	193.189693	0.062381	17.330882	0	0	0.001642	0.4559678	46.299	0.000	1.142	2.884	
14-Jun-24 06:00:02	21.74193954	0	1.012543458	1.167534331	0	13.29183919	1710827.778	232.8887214	0.069961	19.433637	0	0	0.001732	0.4810978	39.807	0.000	1.013	0.000	
14-Jun-24 07:00:02	22.23734093	0	1.188502888	1.359878876	9.592808087	14.32387582	1299871.509	148.7113037	0.051884	14.406747	0	0	0.001473	0.4092968	46.824	0.000	1.189	14.722	
14-Jun-24 08:00:02	20.88015825	0	1.200123545	1.356262782	2.880638813	14.72868727	1345526.591	157.9809168	0.059895	16.637420	0	0	0.001615	0.4485546	46.150	0.000	1.200	8.419	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @T ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-24 09:00:02	21.90789804	0.001532832	1.30510384	1.436932208	5.128867177	14.5911829	1300954.468	147.5267359	0.053622	14.894068	5.2198E-06	0.00144906	0.001696	0.4716334	46.418	0.000	1.326	17.356	
14-Jun-24 10:00:02	22.82434294	0.101794742	1.373911319	1.519081208	5.158372879	14.38433381	1277880.718	148.1092072	0.054153	15.042427	0.00034049	0.00458178	0.001756	0.4576855	47.855	0.221	1.374	17.526	
14-Jun-24 11:00:02	22.42987823	0.004954774	1.322981358	1.468090415	5.119242191	14.37543488	1291436.791	147.156311	0.054486	15.138268	1.6749E-05	0.0046526	0.001708	0.4745966	47.596	0.000	1.323	13.840	
14-Jun-24 12:00:02	24.1932916	0.003596856	1.081428547	1.22563784	1.372377445	14.24378777	1419075.073	173.8184215	0.064592	17.942320	1.3367E-05	0.00371026	0.001506	0.4184019	50.339	0.000	1.061	7.862	
14-Jun-24 13:00:02	20.79805875	0.009593684	1.313735604	1.483235378	2.903209853	14.10868283	1366598.093	163.0406342	0.053077	14.743741	3.5133E-05	0.00975903	0.001782	0.4950578	42.400	0.000	1.314	5.905	
14-Jun-24 14:00:02	22.73678589	0.040494382	1.283293333	1.434657693	5.345685969	14.37672809	1287594.287	148.6368408	0.056092	15.303223	0.00013651	0.03792040	0.001653	0.4590936	48.255	0.085	1.283	11.085	
14-Jun-24 15:00:02	22.02978518	0.097308082	1.300302982	1.456032446	9.409391403	14.4122963	1340620.005	146.6998598	0.055564	15.434502	0.00034147	0.09485349	0.001743	0.4842258	47.001	0.230	1.300	20.061	
14-Jun-24 16:00:02	22.15791512	0.142183274	1.31367147	1.46932493	8.093619347	14.41323882	1298321.289	146.257019	0.054124	15.034450	0.00048321	0.13422373	0.001706	0.4737088	47.288	0.301	1.314	17.250	
14-Jun-24 17:00:02	20.3053894	0.02995849	1.34097748	1.501776696	18.88033867	14.60918443	1253606.689	142.7950897	0.048273	13.409192	9.9183E-05	0.02755092	0.001694	0.4705550	43.872	0.064	1.341	41.280	
14-Jun-24 18:00:02	24.45452118	0.070008561	0.97080934	1.130888462	0	13.32583346	1748448.73	250.46521	0.080444	22.345421	0.00032841	0.09000250	0.001697	0.4715020	44.747	0.128	0.871	0.000	
14-Jun-24 19:00:02	24.62868391	0	0.975488443	1.127670934	0	13.26531887	1706537.476	252.5880095	0.079213	22.003640	0	0	0.001668	0.4632174	44.704	0.000	0.875	0.000	
14-Jun-24 20:00:02	23.20676422	0.038108431	0.964540243	1.123829007	0	13.25508308	1731259.033	251.180675	0.075506	20.896800	0.0001727	0.04787133	0.001670	0.4638529	42.087	0.071	0.865	0.000	
14-Jun-24 21:00:02	23.47144508	0.094439045	1.071095083	1.228711533	0	13.2852824	1676640.894	263.4299927	0.074034	20.565052	0.00041444	0.1151238	0.001790	0.4958157	42.581	0.184	1.071	0.000	
14-Jun-24 22:00:02	22.80541916	0.062580757	0.989054287	1.13259139	0	13.27458086	1705980.225	251.0020447	0.072565	20.154052	0.00027946	0.07762711	0.001653	0.4592187	41.075	0.115	0.989	0.000	
14-Jun-24 23:00:02	22.89770889	0	1.017805089	1.157026864	0	13.23474121	1712892.661	262.4579773	0.073778	20.493864	0	0	0.001743	0.4841381	41.410	0.000	1.018	0.000	
15-Jun-24 00:00:02	22.05247498	0.011198725	1.051133833	1.215960973	0	13.28719860	1703795.898	258.9445901	0.070689	19.635025	4.0044E-05	0.01287346	0.001791	0.4974776	40.151	0.020	1.051	0.000	
15-Jun-24 01:00:02	22.32117653	0.00245812	0.949431741	1.105077147	0	13.23834434	1704819.338	259.9045106	0.071584	19.887121	1.1103E-05	0.00308424	0.001619	0.4496135	40.374	0.004	0.949	0.000	
15-Jun-24 02:00:02	21.96820824	0	0.887868702	1.042398422	0	13.25631481	1698840.332	264.958741	0.070208	19.502381	0	0	0.001508	0.4189000	39.891	0.000	0.888	0.000	
15-Jun-24 03:00:02	22.59149742	0.080073535	1.002730489	1.162435174	0	13.27963261	1682344.649	261.4914246	0.071505	19.862919	0.00035282	0.09794050	0.001687	0.4685040	40.802	0.145	1.003	0.000	
15-Jun-24 04:00:02	21.45416852	0	1.052424183	1.218821049	0	13.30647425	1681813.11	258.631012	0.067864	18.850732	0	0	0.001787	0.4963338	39.150	0.000	1.052	0.000	
15-Jun-24 05:00:02	21.81509726	0	1.08854087	1.23342507	0	13.23413883	1733926.27	265.7996458	0.071168	19.768875	0	0	0.001850	0.5138308	39.440	0.000	1.087	0.000	
15-Jun-24 06:00:02	21.92771721	0.002237624	1.009345228	1.173732758	0	13.22428417	1706939.908	264.0084229	0.070415	19.559723	9.9098E-06	0.00277589	0.001723	0.4785720	39.587	0.003	1.009	0.000	
15-Jun-24 07:00:02	20.05277824	0.043756467	1.229343176	1.379596875	5.851585856	14.11614895	1379621.99	180.2529907	0.052067	14.460192	0.00015808	0.04390089	0.001696	0.4711874	40.906	0.089	1.229	12.191	
15-Jun-24 08:00:02	24.59742737	0.009701684	1.084313769	1.193994045	0.00725480	13.29610838	1737228.149	265.1936646	0.080394	22.331763	4.4117E-05	0.0122547	0.001849	0.5135068	44.949	0.005	1.084	0.000	
15-Jun-24 09:00:02	20.45708656	0.077892534	1.034706473	1.187966737	4.551961899	14.14726929	1373027.344	174.3997192	0.052845	14.679100	0.00027996	0.07776311	0.001421	0.3946334	41.958	0.161	1.035	9.259	
15-Jun-24 10:00:02	22.14890009	0.187509884	1.287993913	1.442745447	11.05368944	14.40322418	1291552.956	147.6979065	0.052153	14.486979	0.00054877	0.15243825	0.001606	0.4460374	47.965	0.380	1.283	23.731	
15-Jun-24 11:00:02	21.41636331	0.003560341	1.037263033	1.18988094	0.170015911	13.35149471	1532388.794	214.780026	0.061741	17.150267	1.4281E-05	0.00398997	0.001591	0.4418230	42.508	0.000	1.038	0.340	
15-Jun-24 12:00:02	21.58845084	0.143988091	1.319314003	1.470329681	12.00944139	14.49780273	1332517.065	143.3861084	0.053722	14.922064	0.00049840	0.13840923	0.001745	0.4847076	45.504	0.309	1.319	25.733	
15-Jun-24 13:00:02	23.2234764	0.086006145	0.988063335	1.15815128	0	13.28352946	1705692.871	263.0484619	0.074526	20.701638	0.00039293	0.10914592	0.001685	0.4681479	42.259	0.176	0.988	0.000	
15-Jun-24 14:00:02	26.39298058	0.122336328	1.035747775	1.174895048	0.084452879	13.33480127	1686359.375	253.5913086	0.083737	23.260285	0.00054002	0.15000446	0.001730	0.4804043	48.332	0.235	1.036	0.515	
15-Jun-24 15:00:02	24.65290451	0.011194759	0.954271387	1.1365722	0	13.31862918	1707072.51	262.1558838	0.079177	21.993611	5.0023E-05	0.01389625	0.001646	0.4572448	45.067	0.020	0.954	0.000	
15-Jun-24 16:00:02	26.02293833	0.088901333	1.005336781	1.1629052	0	13.29265758	1726881.499	261.8629436	0.082941	23.039184	0.00044985	0.12496714	0.001730	0.4805123	45.591	0.162	1.005	0.000	
15-Jun-24 17:00:02	25.80135155	0.14825861	0.909349958	1.086973329	0	13.37817255	1640962.373	246.4704895	0.079758	22.155062	0.00063768	0.17713388	0.001494	0.4150102	47.539	0.274	0.909	0.000	
15-Jun-24 18:00:02	20.27849634	0.084704026	1.087049603	1.228930014	2.665289821	14.07383274	1424536.789	180.256546	0.054355	15.098968	0.00035319	0.09810868	0.001549	0.4301959	41.124	0.189	1.087	5.105	
15-Jun-24 19:00:02	24.12435798	0.019885414	0.980432112	1.126785821	0	13.2939645	1708009.165	262.7269015	0.078165	21.712411	7.0038E-05	0.01945407	0.001640	0.4556741	44.311	0.029	0.980	0.000	
15-Jun-24 20:00:02	24.02391815	0	0.989385299	1.134842167	0	13.26919316	1699263.306	268.0848082	0.076804	21.334427	0	0	0.001647	0.4575475	43.622	0.000	0.989	0.000	
15-Jun-24 21:00:02	23.63331718	0	0.884729273	1.034388304	0	13.27729029	1690345.215	261.8917236	0.076113	21.142424	0	0	0.001495	0.4154142	43.269	0.000	0.885	0.000	
15-Jun-24 22:00:02	23.16158171	0.02692881	0.903387308	1.056343079	0	13.21473081	1720694.945	263.3192749	0.074949	20.819149	0.00012151	0.03375375	0.001554	0.4317929	41.766	0.043	0.903	0.000	
15-Jun-24 23:00:02	23.17335428	0.058428386	0.987600727	1.125410046	0	13.34787151	1650091.187	252.8803558	0.071906	19.987893	0.00025237	0.07010187	0.001597	0.4436121	42.541	0.107	0.908	0.000	
16-Jun-24 00:00:02	22.95711617	0.091474213	0.979703678	1.133865037	0	13.22080325	1687184.082	262.3443909	0.073304	20.362108	0.00040635	0.1128824	0.001661	0.4614001	41.432	0.183	0.918	0.000	
16-Jun-24 01:00:02	22.70455066	0.002972425	0.982230692	1.098282293	0	13.21386765	1689180.42	263.5937124	0.072168	20.043213	1.3143E-05	0.00365078	0.001608	0.4466020	40.941	0.000	0.982	0.000	
16-Jun-24 02:00:02	21.98225357	0.005538941	0.935889006	1.098333996	0	13.26272678	1682083.374	262.0852661	0.069560	19.323872	2.4388E-05	0.00677443	0.001574	0.4372882	39.884	0.010	0.930	0.000	
16-Jun-24 03:00:02	22.26272392	0.035818635	0.909469724	1.069738728	0	13.2534305	1723673.95	264.4420471	0.072106	20.054410	0.0001607	0.0446382	0.001568	0.4354526	40.355	0.065	0.906	0.000	
16-Jun-24 04:00:02	19.28180849	0.0601019	1.016271472	1.174905416	2.484915971	13.91480565	1527031.26	194.6257782	0.055338	15.371683	0.00024024	0.06673209	0.001552	0.4310773	38.305	0.126	1.016	5.171	
16-Jun-24 05:00:02	21.62843132	0.001529985	1.232716918	1.395747304	11.39678072	14.41509864	1330163.631	148.5534975	0.054126	15.034999	5.3132E-06	0.00147589	0.001640	0.4554731	45.184	0.003	1.233	24.127	
16-Jun-24 06:00:02	19.62539673	0	1.234745458	1.414250983	11.16779813	14.1788063	1320985.352	157.9909515	0.049144	13.651117	0	0	0.001643	0.4565082	40.408	0.000	1.235	22.729	
16-Jun-24 07:00:02	21.99774381	0.000554531	1.348250389	1.52789712	8.621448326	14.37467003	1271338.379	142.8924896	0.052616	14.615576	2.1752E-06	0.00060505	0.001714	0.4761340	45.668	0.007	1.348	18.626	
16-Jun-24 08:00:02	22.33696365	0.035111025	1.373421431	1.514447331	9.622853158	14.38890021	1264120.741	144.1362204	0.053124	14.756566	0.00011618	0.03227268	0.001736	0.4822664	47.455	0.074	1.373	21.919	
16-Jun-24 09:00:02	21.47784424	0.073088497	1.435005229	1.596871587	13.42000000	14.46520998	1282475.098	143.1106587	0.051623	14.385147	0.00024536	0.06815482	0.001840	0.5112214	45.217	0.151	1.435	28.561	
16-Jun-24 10:00:02	22.18181728	0.003194311	1.321814856	1.472928843	11.41784392	14.45708367	1286180.107	142.4370728	0.053634	14.898429	1.0756E-05	0.00298771	0.001700	0.4722138	47.620	0.013	1.322	24.505	
16-Jun-24 11:00:02	21.58843173	0.00684938	1.472001791	1.626922131	12.54795390	14.47960464	1279883.228	143.8500759	0.051995	14.443118	1.9888E-05	0.00552733	0.001884	0.5232480	45.560	0.016	1.472	27.228	
16-Jun-24 12:00:02	21.55092812	0.008833784	1.351473451	1.508471608	11.8923779	14.48045053	1287404.207	142.547592	0.052169	14.490053	2.9789E-05	0.00828815	0.001740	0.4833638	45.612	0.000	1.351	25.222	
16-Jun-24 13:00:02	21.29180145	0.001781643	1.299600839	1.439779508	11.1981153	14.47318888	1276838.304	146.1567887	0.051126	14.262147	5.8852E-06	0.00163477	0.001606	0.4485761	45.988	0.007	1.300	24.136	
16-Jun-24 14:00:02	21.88998909	0.009927006	0.995136678	1.160440864	0.99573054	14.04601904	1458656.738	194.4818875	0.059932	16.647771	3.8163E-05	0.01060076	0.001462	0.4059782	43.787	0.000	0.995	1.987	
16-Jun-24 15:00:02	25.11109734	0.036958685	0.835824549	0.998193085	0	13.27187538	1711380.659	262.5595703	0.080852	22.458915	0.00016556	0.04599005	0.001430	0.3973373	45.610	0.066	0.835	0.000	
16-Jun-24 16:00:02	25.71008301	0.048597906	0.904281795	1.068747785	0	13.27302783	1701535.034	260.9021913	0.082304	22.862349	0.00021845	0.06012527	0.001539	0.4274075	46.705	0.088	0.904	0.000	
16-Jun-24 17:00:02	26.32195672	0.034542974	0.959523168	1.121281266	0	13.24228099	1706774.78	269.4150391	0.087493	24.303624	0.00015975	0.04437512	0.001695	0.4709954	47.617	0.062	0.960	0.000	
16-Jun-24 18:00:02	25.02987236	0.022125641	0.936504543	1.087127805	0	13.26478004	1727932.739	262.1478271	0.081380	22.590694	0.00010097	0.0277086	0.001818	0.4495047	45.431	0.040	0.937	0.000	
16-Jun-24 19:00:02	24.02565002	0.0061389	0.931781292	1.091968675	0	13.28109242	1680262.329	260.9499817	0.075961	21.097384	2.6999E-05	0.00749008	0.001566	0.4348902	43.520	0.004	0.932	0.000	
16-Jun-24 20:00:02	23.71827098	0	0.646373642	0.818391608	0	13.26293758	1717078.003	263.5642390	0.076622	21.283823	0	0	0.001108	0.3078214	43.047	0.000	0.645	0.000	
16-Jun-24 21:00:02	23.29450989	0	0.882527828	1.03143537	0	13.29963111	1733785.645	263.2919922	0.075965	21.100948	0	0	0.001530	0.4250317	42.153	0.000	0.883	0.000	
16-Jun-24 22:00:02	23.30898401	0	0.92902118	1.088114845	0	13.24807725	1685668.267	264.0096487	0.075706	21.052806	0	0	0.001566	0.4348679	43.286	0.000	0.929	0.000	
16-Jun-24 23:00:02	22.93357468	0	0.98588582	1.13302189	0	13.28330858	1691940.674	256.8367188	0.073002	20.278384	0	0	0.001668	0.4633500	41.731	0.000	0.986	0.000	
17-Jun-24 00:00:02	23.1952856	0	0.864223719	1.028881159	0.058304641	13.37544537	1686583.643	262.672621	0.073601	20.444617	0	0	0.001458	0.4048881	42.716	0.000	0.864	0.000	
17-Jun-24 01:00:02	21.5476532	0	0.781325979	0.907224209	0.058574118	13.45409203	1609680.968	233.5058839	0.065255	18.126595	0	0	0.001228	0.3485380	39.946	0.000	0.787	0.000	
17-Jun-24 02:00:02	20.84785781	0.001756377	1.035735389	1.194527681	13.76296889	14.39717968	1251635.279	146.4752197	0.049105	13.648181	5.7564E-06	0.00159973	0.001297	0.3601874	44.363	0.000	1.036	29.222	
17-Jun-24 03:00:02	21.65718292	0.002626242	1.17766426	1.319466379	8.475680278	14.31330325	1229420.898	145.0518494	0.050741	14.094774	8.1048E-06	0.00262912	0.001439	0.3997511	45.103	0.000	1.171	17.610	
17-Jun-24 04:00:02	21.77770042	0	1.129965732	1.283624752	10.2986021	14.34607029	1231149.78	142.944519	0.050443	14.011976	0	0	0.001301	0.3863299	45.016	0.000	1.130	21.731	
17-Jun-24 05:00:02	21.43858877	0	1.033869771	1.178807761	12.02236748	14.30278725	1270428.101	145.003891	0.051238	14.232188	0	0	0.001313	0.3648663	45.529	0.000	1.034	25.126	
17-Jun-24 06:00:02	21.8820581	0	1.043879509	1.189677358	10.17388176	14.3548976	1232940.032	142.8952094	0.050742	14.095920	0	0	0.001287	0.3573864	46.294	0.000	1.044	21.736	
17-Jun-24 07:00:02	21.79991777	0	1.225189733	1.381672962	10.38580254	14.34795952	1230143.677	142.2789459	0.050453	14.014616	0	0	0.001508	0.4189071	46.008	0.000	1.226	21.959	
17-Jun-24 08:00:02	22.29929481	0	1.292341113	1.425799097	7.012482997	14.28369947	1273105.835	142.9294434	0.053412	14.836588	0	0	0.001645	0.4570242	46.664	0.000	1.292	14.395	
17-Jun-24 09:00:02	19.98745728	0	1.22375671	1.378934026	28.07915115	14.58346960	1237232.534	138.5700803	0.046525	12.923968	0	0	0.001514	0.4205700	43.658	0.000	1.224	61.130	
17-Jun-24 10:00:02	20.8272953	0	1.411089301	1.565345463	13.80828069	14.39581844	1262028.609	142.6918845	0.049492	13.738988	0	0	0.001781	0.4946785	44.321	0.000	1.411	29.346	
17-Jun-24 11:00:02	21.56447945	0	1.532383844	1.689262509	10.84969969	14.41605158	1284280.273	143.0337779	0.051532	14.397602	0	0	0.001923	0.5340736	46.906	0.000	1.533	23.661	
17-Jun-24 12:00:02	20.97568403	0	1.606216503	1.757600904	13.24293804	14.44210629	1268820.679	142.3582153	0.050861	14.126076	0	0	0.002059	0.5746787	44.976	0.000	1.609	28.377	
17-Jun-24 13:00:02	20.48913748	0.006077045	1.329531312	1.483494043	0.93006705	13.8343277	1676903.076	205.5290375	0.060715	16.865350	2.8799E-05	0.00799873	0.002097	0.5823726	40.114	0.002	1.300	1.800	
17-Jun-24 14:00:02	21.950877	0.006134887	1.333766966	1.500675316	10.49321635	14.4481565	1307814.897	148.2190247	0.053272	14.797530	2.1802E-05	0.00583378	0.001744	0.4845295	46.438	0.030	1.334	22.381	
17-Jun-24 15:00:02	21.50008148	0.034038074	1.530557158	1.687767029	10.25776433	14.44009004	1255642.31	142.008657	0.050941	14.150157	0.00011189	0.03108121	0.001922	0.5338294	46.182	0.090	1.531	22.053	
17-Jun-24 16:00:02	21.73948067	0.092481059	1.534405589	1.689818356	2.916058061	14.41121006	1279282.939	142.1538685	0.052322	14.534618	0.00030968	0.08602234	0.001963	0.5452633	46.408	0.197	1.534	26.174	

Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @T ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jun-24 17:00:02	21.36694337	0	1.433068306	1.580792476	11.76381547	14.48659134	1286819.214	143.115799	0.051726	14.368385	0	0	0.001845	0.5125717	45.128	0.000	1.334	25.717	
17-Jun-24 18:00:02	21.14600893	0	1.558800213	1.717643487	14.7722044	14.47169236	1262474.731	142.6741486	0.050212	13.947758	0	0	0.001965	0.5455801	45.620	0.000	1.557	32.015	
17-Jun-24 19:00:02	19.4933329	0	0.980073214	1.158267887	1.21781868	13.75597191	1570102.295	214.4416351	0.057466	15.962409	0	0	0.001539	0.4274487	37.741	0.000	0.980	2.351	
17-Jun-24 20:00:02	22.48383738	0	0.961630521	1.141144136	0	13.28328563	1676837.934	262.4122314	0.071030	19.733170	0	0	0.001614	0.4483072	40.924	0.000	0.962	0.000	
17-Jun-24 21:00:02	22.74390079	0	0.922614872	1.073493381	0	13.25840187	1681570.088	262.8216248	0.071951	19.986480	0	0	0.001581	0.4309960	41.247	0.000	0.923	0.000	
17-Jun-24 22:00:02	20.81618309	9.0293E-05	1.308802347	1.458759606	10.61302672	14.33972359	1266157.326	151.4320526	0.049568	13.773848	3.8139E-07	8.3719E-05	0.001667	0.4663121	43.931	0.000	1.309	22.419	
17-Jun-24 23:00:02	20.10300338	0	1.264186749	1.405625224	3.60853967	13.99238396	1468769.458	191.0822551	0.055554	15.431860	0	0	0.001842	0.5117080	40.129	0.000	1.264	7.209	
18-Jun-24 00:00:02	23.20603193	0	1.470505834	1.635294318	2.305519483	14.18923237	1317725.585	151.4722137	0.056268	15.483405	0	0	0.001938	0.5382584	46.174	0.000	1.471	4.906	
18-Jun-24 01:00:02	21.22524529	0	1.285427379	1.443281483	0.286169737	13.88326895	1427680.034	195.5284976	0.058891	16.358585	0	0	0.001837	0.5181814	43.095	0.000	1.286	0.471	
18-Jun-24 02:00:02	21.32092367	0	0.975290468	1.132178783	0	13.25960249	1654238.99	261.5698145	0.067608	18.777784	0	0	0.001644	0.4565651	38.936	0.000	0.975	0.000	
18-Jun-24 03:00:02	23.01202865	0	1.124971151	1.28426828	0.031081039	13.44307912	1602616.214	236.9515936	0.069395	19.276458	0	0	0.001803	0.5008882	42.775	0.000	1.125	0.064	
18-Jun-24 04:00:02	21.82307434	0	1.153683085	1.320051167	1.423619288	13.97447958	1488858.957	203.3397064	0.061129	16.980289	0	0	0.001718	0.4771306	43.849	0.000	1.154	2.702	
18-Jun-24 05:00:02	22.25240326	0	1.540288702	1.692520066	9.926045685	14.373682	1264839.404	144.4065786	0.052945	14.706865	0	0	0.001948	0.5411511	47.256	0.000	1.541	20.905	
18-Jun-24 06:00:02	20.75027307	0	1.216864084	1.386183373	0.490770628	13.60896251	1582943.115	222.1909089	0.061045	16.957142	0	0	0.001901	0.5280858	39.856	0.000	1.216	1.038	
18-Jun-24 07:00:02	22.2067586	0	1.492028905	1.697042364	9.443371773	14.38710978	1268734.298	144.7145996	0.052880	14.688099	0	0	0.001888	0.5245091	47.192	0.000	1.492	20.102	
18-Jun-24 08:00:02	21.85429573	0.062517797	1.564515033	1.718098287	11.07063947	14.43006683	1257026.129	144.243576	0.051684	14.356796	0.00020571	0.05714093	0.001967	0.5462879	46.829	0.126	1.565	23.932	
18-Jun-24 09:00:02	21.9069094	0.012810798	1.584120150	1.726002456	11.06999174	14.40569502	1250694.306	142.9190674	0.051547	14.318609	4.1295E-05	0.01146811	0.001931	0.5364607	46.714	0.028	1.644	23.607	
18-Jun-24 10:00:02	21.51783943	0	1.440976034	1.595526411	11.91170083	14.46162701	1288831.543	143.0032543	0.052095	14.470943	0	0	0.001554	0.5150810	46.260	0.000	1.441	25.450	
18-Jun-24 11:00:02	21.75629832	0.003397166	1.31571281	1.469513297	11.28731336	14.4660678	1288143.311	142.8709449	0.052852	14.625800	8.0783E-06	0.00224174	0.001692	0.4700543	46.741	0.007	1.316	24.254	
18-Jun-24 12:00:02	21.5430089	0.001264524	1.362807812	1.528509143	10.85058064	14.50690365	1272310.181	142.9773712	0.051968	14.324300	4.1781E-06	0.00116058	0.001734	0.4816009	45.645	0.003	1.363	23.010	
18-Jun-24 13:00:02	21.63480862	0.030917341	1.100573607	1.269958734	1.126821015	14.01970331	1439737.158	181.7387695	0.058178	16.160886	0.00011567	0.03213183	0.001573	0.4369008	43.547	0.063	1.101	2.457	
18-Jun-24 14:00:02	21.69208031	0.078593017	1.083977103	1.247013529	0.130758708	13.94358063	1487991.567	194.0320435	0.060463	16.796158	0.00030238	0.08399638	0.001591	0.4420182	43.597	0.157	1.084	0.090	
18-Jun-24 15:00:02	25.79745293	0.159961328	1.023589228	1.184098512	0	13.34830910	1659842.848	248.2873058	0.080517	22.365828	0.00069482	0.19299823	0.001698	0.4716780	47.381	0.298	1.024	0.000	
18-Jun-24 16:00:02	16.80005074	0.000148551	1.364491364	1.521415877	4.151071072	14.12320945	1375375.81	172.0584204	0.051235	14.231948	5.279E-07	0.00014664	0.001451	0.4030882	40.482	0.000	1.066	8.426	
18-Jun-24 17:00:02	24.04188188	0.001174122	0.88679613	1.061324954	0	13.33779049	1673188.391	263.9640045	0.078881	21.822588	5.1423E-06	0.00142841	0.001482	0.4116905	44.029	0.002	0.887	0.000	
18-Jun-24 18:00:02	22.71800151	0	0.856821614	1.027148237	0.085221784	13.87477341	1488709.043	188.5447893	0.063489	17.636419	0	0	0.001288	0.3576665	45.417	0.000	0.857	0.131	
18-Jun-24 19:00:02	22.79401308	0.006840866	1.012789249	1.16122991	0	13.2851174	1702121.094	263.0574951	0.072995	20.276254	2.602E-05	0.00722784	0.001724	0.4788483	41.382	0.000	1.013	0.000	
18-Jun-24 20:00:02	22.88835648	0	1.015048081	1.162368719	0	13.29023847	1694840.185	262.5179136	0.072298	20.079415	0	0	0.001720	0.4779020	41.298	0.000	1.015	0.000	
18-Jun-24 21:00:02	23.17164803	0	0.845692906	1.01103282	0	13.25883431	1661847.504	259.3771362	0.072012	20.003378	0	0	0.001397	0.3881350	42.005	0.000	0.846	0.000	
18-Jun-24 22:00:02	22.38921882	0	0.921674728	1.084578295	0	13.30917454	1675120.493	257.9714905	0.070488	19.582734	0	0	0.001544	0.4288600	40.682	0.000	0.922	0.000	
18-Jun-24 23:00:02	20.85522379	0	1.040424592	1.193241239	0.181408918	13.84789917	1475341.064	202.1685234	0.057888	16.079992	0	0	0.001538	0.4266475	40.982	0.000	1.041	0.506	
19-Jun-24 00:00:02	20.9401225	0.080574714	0.925172975	1.096628829	0	13.29013638	1691249.756	258.3334961	0.068629	18.998168	0.0002987	0.08069438	0.001565	0.4346385	38.171	0.147	0.925	0.000	
19-Jun-24 01:00:02	22.21002007	0	0.986764136	1.143128753	0	13.29958758	1708923.584	263.7973633	0.071283	19.800993	0	0	0.001698	0.4718064	40.302	0.000	0.986	0.000	
19-Jun-24 02:00:02	22.05220795	0.001881071	0.99660729	1.161441326	0	13.2713232	1694989.38	264.1029358	0.070323	19.534195	8.2972E-06	0.00229306	0.001688	0.4688801	40.050	0.000	0.996	0.000	
19-Jun-24 03:00:02	24.07125954	0.037434356	0.970816016	1.124072313	0.025380031	13.42422681	1654498.338	260.8839844	0.075381	20.939165	0.0001631	0.0453698	0.001618	0.4488866	44.516	0.067	0.971	0.049	
19-Jun-24 04:00:02	20.716362	0	1.660019368	1.814272509	15.61190891	14.43904781	1298120.728	139.0398323	0.050517	14.032912	0	0	0.002162	0.5978627	44.387	0.003	1.660	33.297	
19-Jun-24 05:00:02	21.80160249	0.02181613	1.391145989	1.55714107	11.42682323	14.41121101	1240695.02	143.2930801	0.050888	14.135426	7.6858E-06	0.01968391	0.001726	0.4795322	46.906	0.056	1.391	24.367	
19-Jun-24 06:00:02	20.45664186	0	1.389975314	1.545734288	12.15748501	14.25304777	1282864.39	149.8668386	0.049403	13.723651	0	0	0.001783	0.4953822	42.714	0.000	1.390	25.339	
19-Jun-24 07:00:02	21.43305779	0	1.28648183	1.440520853	10.01525086	14.39188871	1244176.147	143.7577973	0.050178	13.938139	0	0	0.001601	0.4448670	45.561	0.000	1.286	21.287	
19-Jun-24 08:00:02	21.5120697	0	1.335286818	1.468148621	11.96588662	14.43394444	1263978.685	143.4420813	0.051965	14.434067	0	0	0.001714	0.4762329	48.022	0.000	1.335	25.309	
19-Jun-24 09:00:02	22.85442171	0	1.18030389	1.2312314	6.127828214	14.55517311	1309031.992	148.8205584	0.056001	15.380183	0	0	0.001396	0.3877278	48.018	0.000	1.062	13.009	
19-Jun-24 10:00:02	21.88065738	0.01479239	1.375884519	1.534990907	12.29059887	14.46540737	1264184.082	142.5497706	0.051158	14.210514	4.8582E-05	0.01348067	0.001727	0.4796835	46.709	0.032	1.377	26.476	
19-Jun-24 11:00:02	21.99472318	0.001222281	1.439573454	1.5954386	10.93792955	14.45892048	1287039.814	142.43396	0.053256	14.793945	4.1179E-06	0.00114385	0.001853	0.5146721	47.269	0.001	1.440	23.423	
19-Jun-24 12:00:02	22.47340188	0.009271609	1.351799372	1.508873472	9.807274509	14.4542739	1248437.437	142.4785377	0.052784	14.662349	3.037E-05	0.00842224	0.001687	0.4686632	48.277	0.000	1.351	20.201	
19-Jun-24 13:00:02	21.10873796	0.000763352	1.051836067	1.220434660	0.691623807	14.00187208	1462278.979	186.7902106	0.063575	17.669086	2.5888E-05	0.00719102	0.001538	0.4272438	48.304	0.014	1.052	1.382	
19-Jun-24 14:00:02	22.7598658	0.061794204	1.20940978	1.374178025	9.218020439	14.44280675	1268831.065	149.8729401	0.054833	15.669035	0.0002085	0.05791592	0.001560	0.4334584	47.727	0.126	1.210	19.372	
19-Jun-24 15:00:02	22.12880298	0.007568704	1.304283347	1.483501911	9.673596423	14.45479194	1279337.793	142.7540062	0.053427	14.840800	3.5678E-06	0.00237717	0.001665	0.4633089	47.682	0.000	1.304	20.858	
19-Jun-24 16:00:02	22.21582794	0	1.276246548	1.441810975	9.144112567	14.4064402	1276080.303	142.3078104	0.053419	14.838511	0	0	0.001631	0.4530889	47.784	0.000	1.278	19.483	
19-Jun-24 17:00:02	22.49073792	0.008280420	1.24836266	1.400883429	8.359352341	14.46900638	1269109.609	143.3722095	0.053636	14.870970	2.7423E-05	0.00761744	0.001579	0.4387301	46.378	0.008	1.248	17.918	
19-Jun-24 18:00:02	21.8844223	0	1.274681896	1.431032181	12.11787691	14.4957588	1265828.125	142.1769136	0.052116	14.477297	0	0	0.001614	0.4483077	47.310	0.000	1.275	26.218	
19-Jun-24 19:00:02	19.77299827	0.073019238	0.989776871	1.1564584	3.723153891	13.96107987	1650077.915	188.4764099	0.057849	16.069126	0.00029723	0.08256347	0.001530	0.4275406	39.474	0.146	0.990	7.470	
19-Jun-24 20:00:02	21.06706406	0.010331187	0.733559080	0.901948247	1.567751289	13.96278055	1438314.209	182.2788484	0.056902	15.806084	3.8458E-05	0.01068480	0.001054	0.2927125	42.045	0.020	0.734	3.048	
19-Jun-24 21:00:02	22.22472572	0.002903089	0.681954315	0.844584609	0	13.21116522	1710131.838	263.7532959	0.071866	19.862891	1.2996E-05	0.00361067	0.001183	0.3287636	40.257	0.005	0.682	0.000	
19-Jun-24 22:00:02	23.57596534	0	0.592695475	0.748783635	0	13.37665162	1672871.865	252.178772	0.074187	20.607405	0	0	0.000991	0.2753062	43.433	0.000	0.593	0.000	
19-Jun-24 23:00:02	22.72872398	0	0.64894805	0.712587829	0	13.22469498	1705703.657	254.1278992	0.072942	20.261824	0	0	0.000936	0.2600062	41.047	0.000	0.640	0.000	
20-Jun-24 00:00:02	21.4378178	0	0.601485527	0.756178233	0	13.26740653	1659662.491	261.7801318	0.066364	18.645602	0	0	0.001022	0.2640181	38.856	0.000	0.601	0.000	
20-Jun-24 01:00:02	21.62809181	0.000422867	0.710119234	0.86342448	0	13.21427441	1693486.594	263.75421	0.068906	19.141522	1.8747E-06	0.00052075	0.001203	0.3340488	39.004	0.000	0.710	0.000	
20-Jun-24 02:00:02	24.68235188	0	0.9007196	1.066331881	0	13.2840788	1289279.004	258.7530432	0.068962	19.672736	0	0	0.001528	0.4237556	39.276	0.000	0.902	0.000	
20-Jun-24 03:00:02	19.51416779	0	1.093042138	1.242981615	5.703330894	14.0692019	1373311.768	178.9516144	0.053419	14.865404	0	0	0.001501	0.4169665	39.706	0.000	1.093	13.573	
20-Jun-24 04:00:02	21.63312912	0.009913889	1.21042745	1.378588628	9.411062241	14.377536	1238069.958	142.4023438	0.050268	13.963504	1.9110E-05	0.00531573	0.001495	0.4152738	45.934	0.023	1.210	19.940	
20-Jun-24 05:00:02	21.81491582	0	1.247820153	1.405370938	10.32215039	14.390189	1268706.938	142.8394318	0.052820	14.672137	0	0	0.001606	0.4460557	46.445	0.000	1.248	22.087	
20-Jun-24 06:00:02	21.9928188	0	1.254989314	1.373705881	9.610500268	14.37874999	1266836.475	143.0593033	0.053019	14.727478	0	0	0.001560	0.4309829	46.494	0.000	1.254	19.931	
20-Jun-24 07:00:02	21.6957907	0.002490623	1.374229789	1.529965332	10.2347641	14.38862819	1268991.699	144.5730968	0.052484	14.581798	8.4140E-06	0.00233747	0.001787	0.4909023	46.120	0.006	1.374	21.850	
20-Jun-24 08:00:02	21.41302972	0.071247286	1.344202918	1.509804728	13.92341863	14.4321681	1258329.348	144.2803277	0.050975	14.159634	0.00023606	0.06564415	0.001791	0.4724068	46.304	0.162	1.344	21.291	
20-Jun-24 09:00:02	20.63110176	0	1.235808349	1.379533616	5.054431645	14.29399939	1301201.09	149.0931151	0.050972	14.159625	0	0	0.001595	0.4428897	43.818	0.000	1.236	17.088	
20-Jun-24 10:00:02	20.82725792	0.000497906	1.100934558	1.350347088	0	13.31376653	1682654.688	260.4046326	0.074790	20.773906	3.2821E-06	0.0008117	0.002012	0.5589303	42.070	0.000	1.191	0.000	
20-Jun-24 11:00:02	10.23226406	0.300038487	1.081800092	1.281765718	0	18.05751229	1713232.9	261.8775635	0.032981	9.161387	0.00134553	0.3737671	0.001853	0.5146487	49.277	1.447	1.082	0.000	
20-Jun-24 12:00:02	22.81152725	0.001856453	0.942672341	1.134647012	0	13.39812788	1740103.638	262.9800244	0.074681	20.744642	8.4588E-06	0.00234988	0.001653	0.4590396	42.134	0.003	0.893	0.000	
20-Jun-24 13:00:02	22.80823618	0	1.018759852	1.18681123	0	13.37566975	1660533.569	252.2715454	0.072114	20.031683	0	0	0.001712	0.4755785	42.313	0.000	1.019	0.000	
20-Jun-24 14:00:02	24.30580139	0	0.97081795	1.156751633	0	13.3759856	1694461.98	256.7141878	0.077435	21.523634	0	0	0.001645	0.4568514	44.785	0.000	0.971	0.000	
20-Jun-24 15:00:02	25.07198908	0	0.982614587	1.175338745	0	13.39443807	1708518.561	262.4571503	0.080629	22.396818	0	0	0.001697	0.4713015	46.122	0.000	0.983	0.000	
20-Jun-24 16:00:02	24.8237381	0	0.921081199	1.096869447	0	13.38258484	1717149.962	259.9230124	0.080196	22.276751	0	0	0.001582	0.4393477	45.381	0.000	0.921	0.000	
20-Jun-24 17:00:02	20.01244829	0	1.385948204	1.456854588	12.61907998	14.5081625	1236645.149	142.6147888	0.048452	13.458790	0	0	0.001888	0.4888774	43.329	0.000	1.386	27.832	
20-Jun-24 18:00:02	21.34798782	0	1.303804094	1.453784577	11.02373805	14.368718	1331760.904	142.6573304	0.053588	14.885623	0	0	0.001736	0.4823212	46.575	0.000	1.304	23.872	
20-Jun-24 19:00:02	21.3491716	0	1.269892778	1.532920645	11.04245949	14.48248786	1259673.708	142.6150095	0.053490	14.924947	0	0	0.001719	0.4773863	46.135	0.000	1.270	23.983	
20-Jun-24 20:00:02	22.06783272	0	0.940332916	1.105659842	0	13.32735506	1721407.937	260.6940125	0.071437	19.842739	0	0	0.001619	0.4499331	40.353	0.000	0.940	0.000	
20-Jun-24 21:00:02	22.34423608	0	0.957992871	1.133884192	0	13.34234506	1745961.67	252.0660164	0.073452	20.403426	0	0	0.001674	0.4648579	40.979	0.000	0.958	0.000	
20-Jun-24 22:00:02	21.87333488	0	0.882269204	1.096028605	0	13.33529137	1706990.64	257.0618709	0.070244	19.512321	0	0	0.001506	0.4183272	40.076	0.000	0.882	0.000	
20-Jun-24 23:00:02	21.48776094	0	0.873006092	1.0378869	0	13.30602673	1677537.231	259.648114	0.067915	18.836217	0	0	0.001464	0.4066952	39.212	0.000	0.873	0.000	
21-Jun-24 00:00:02	21.5109874	0	0.960876911	1.179290842	1.583680467	14.03242779	1394029.176	180.2160034	0.056182	15.654095	0	0	0.001339	0.3720601	43.139	0.000	0.961	3.356	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-24 01:00:02	22.24154853	0	1.137834967	1.305799981	8.524277587	14.42700291	1247589.965	143.8031464	0.052354	14.561211	0	0	0.001429	0.3943118	47.570	0.000	1.138	14.087	
21-Jun-24 02:00:02	21.63146744	0	1.324311445	1.476240754	9.763002996	14.43147459	1262255.259	144.3456955	0.051943	14.428736	0	0	0.001698	0.4715927	46.282	0.000	1.324	20.996	
21-Jun-24 03:00:02	21.78559497	0	1.338720322	1.499125004	10.27923298	14.43787575	1299312.744	142.9950714	0.053207	14.779777	0	0	0.001736	0.4831712	46.625	0.000	1.339	22.109	
21-Jun-24 04:00:02	21.43859973	0	1.275858801	1.486981135	11.17281723	14.43483518	1258841.479	143.0187225	0.050881	14.078091	0	0	0.001607	0.4463306	45.915	0.000	1.279	23.998	
21-Jun-24 05:00:02	21.71158218	0	1.342899442	1.602418399	9.992049217	14.42442799	1257505.359	143.2835838	0.051369	14.269197	0	0	0.001689	0.4691977	46.420	0.000	1.343	21.538	
21-Jun-24 06:00:02	21.45837321	0	1.373446844	1.638960066	11.86978531	14.43419647	1228495.805	143.659259	0.049511	13.753042	0	0	0.001691	0.4696282	45.934	0.000	1.378	25.974	
21-Jun-24 07:00:02	21.33550398	0	1.405414402	1.565110849	10.26375399	14.43778654	1241130.981	143.32164	0.049822	13.839493	0	0	0.001744	0.4845287	45.713	0.000	1.405	21.887	
21-Jun-24 08:00:02	21.92620271	0	1.336165428	1.501124503	10.04133797	14.4734821	1269112.571	144.6088531	0.052353	14.542534	0	0	0.001696	0.4710401	47.236	0.000	1.336	21.773	
21-Jun-24 09:00:07	21.70550837	0	1.38741566	1.537341115	11.20220376	14.50297928	1280094.971	142.7592928	0.052275	14.520883	0	0	0.001750	0.4862319	46.987	0.000	1.387	24.070	
21-Jun-24 10:00:02	21.20727639	0	1.422970994	1.58479002	11.59787792	14.52366181	1241459.014	142.5753832	0.049534	13.759550	0	0	0.001766	0.4906916	46.048	0.000	1.423	25.354	
21-Jun-24 11:00:02	20.48181924	0	1.349513756	1.515810683	15.32148882	14.54744093	1254109.983	143.7001035	0.048279	13.410653	0	0	0.001692	0.4700521	44.580	0.000	1.349	33.594	
21-Jun-24 12:00:02	20.9333725	0	1.379676584	1.546184063	10.58188858	14.53508035	1275093.022	142.1053032	0.050219	13.949619	0	0	0.001759	0.4886376	45.428	0.000	1.380	23.404	
21-Jun-24 13:00:02	21.28994705	0	1.181678984	1.336426735	5.982732773	14.4450779	1319506.348	152.9030151	0.052443	14.567390	0	0	0.001522	0.4228847	45.837	0.000	1.182	12.819	
21-Jun-24 14:00:02	21.72090149	0	1.181700887	1.356057838	8.290020943	14.50384865	1305065.846	140.9195404	0.053344	14.817897	0	0	0.001543	0.4284886	46.984	0.000	1.182	17.819	
21-Jun-24 15:00:02	20.69913292	0	1.387339711	1.538137223	10.97259835	14.53228909	1342998.657	141.5319472	0.052301	14.527945	0	0	0.001863	0.5175543	44.990	0.000	1.387	24.133	
21-Jun-24 16:00:02	21.21214678	0	1.334738851	1.481684446	10.14002895	14.5453858	1264481.076	142.4713745	0.050463	14.017502	0	0	0.001688	0.4688200	45.186	0.000	1.335	22.209	
21-Jun-24 17:00:02	20.85997591	0	1.33844867	1.498712804	12.22962952	14.56742764	1296701.782	143.6597235	0.050890	14.136125	0	0	0.001733	0.4813800	45.601	0.000	1.338	26.738	
21-Jun-24 18:00:02	20.8277578	0	1.397755308	1.567884011	11.7892907	14.53933334	1254768.433	143.5486618	0.049054	13.834506	0	0	0.001788	0.4910893	44.898	0.000	1.398	25.298	
21-Jun-24 19:00:02	21.59774399	0	1.180983307	1.343895506	2.370948011	14.17495728	1405987.549	174.1124725	0.057131	15.869813	0	0	0.001660	0.4612277	44.470	0.000	1.181	4.912	
21-Jun-24 20:00:02	20.17806153	0	0.907170932	1.07088995	0	13.29557705	1714531.372	260.4026184	0.071513	19.879387	0	0	0.001555	0.4320480	40.848	0.000	0.907	0.000	
21-Jun-24 21:00:02	21.39598176	0	0.713530421	0.873630105	0	13.31820669	1651299.683	261.9777832	0.066472	18.464367	0	0	0.001178	0.3272924	39.099	0.000	0.714	0.000	
21-Jun-24 22:00:02	21.64106066	0	0.879675329	1.038644075	0	13.30938435	1594968.675	261.1091309	0.069011	19.169796	0	0	0.001491	0.4141723	39.581	0.000	0.880	0.000	
21-Jun-24 23:00:03	20.60848518	0	0.888119102	1.047750783	0	13.39221096	1660230.835	263.6006653	0.070448	19.569008	0	0	0.001471	0.4085917	41.737	0.000	0.888	0.000	
22-Jun-24 00:00:03	21.67035675	0	0.937303424	1.095336723	0	13.3493165	1677506.445	259.5914832	0.068397	18.999062	0	0	0.001572	0.4367851	38.762	0.000	0.937	0.000	
22-Jun-24 01:00:03	21.76007317	0	0.934240222	1.085335451	0.082632388	13.54317188	1549604.126	232.1600494	0.079809	22.194180	0	0	0.001540	0.4278312	48.552	0.000	0.834	0.021	
22-Jun-24 02:00:03	21.41954904	0	1.424159467	1.58882061	13.40023041	14.44997601	1231937.522	143.1968328	0.049645	13.790358	0	0	0.001754	0.4873513	45.670	0.000	1.424	28.553	
22-Jun-24 03:00:03	21.59907913	0	1.343921806	1.516528675	11.75989587	14.45045948	1264586.548	143.8233946	0.051388	14.274479	0	0	0.001699	0.4719373	46.362	0.000	1.344	25.303	
22-Jun-24 04:00:03	21.35245132	0	1.475380565	1.636250498	14.12519264	14.45078488	1248415.771	143.6211243	0.050152	13.931037	0	0	0.001842	0.5116030	45.825	0.000	1.475	30.404	
22-Jun-24 05:00:03	21.56811081	0	1.371581836	1.519999074	12.62768173	14.45421696	1260123.779	145.327652	0.051129	14.202387	0	0	0.001728	0.4801365	46.354	0.000	1.372	27.099	
22-Jun-24 06:00:03	21.49027232	0	1.441121578	1.598205447	13.6875039	14.43230037	1292536.256	143.6582805	0.052259	14.516473	0	0	0.001863	0.5174172	46.004	0.000	1.441	29.368	
22-Jun-24 07:00:03	21.83593389	0	1.27559181	1.433458567	11.64094481	14.43174267	1278881.763	143.5509505	0.052531	14.591882	0	0	0.001632	0.4534109	46.754	0.000	1.277	24.883	
22-Jun-24 08:00:03	22.4877908	0	1.490493003	1.65840745	8.623266784	14.40205574	1254028.442	143.483017	0.053009	14.724824	0	0	0.001869	0.5191802	47.859	0.000	1.490	18.330	
22-Jun-24 09:00:03	21.4503231	0	1.371694565	1.603367978	12.84076405	14.47000217	1278417.236	145.5890861	0.051592	14.331212	0	0	0.001754	0.4871195	46.173	0.000	1.372	27.643	
22-Jun-24 10:00:03	21.55263939	0	1.476964951	1.631397247	11.3000021	14.48538481	1318085.374	142.1858014	0.053845	14.951454	0	0	0.001947	0.5407875	46.676	0.000	1.477	24.231	
22-Jun-24 11:00:03	21.29842166	0	1.452243567	1.625574946	12.44447136	14.51780224	1321798.706	143.1026611	0.052965	14.712593	0	0	0.001920	0.5332149	46.230	0.000	1.452	27.058	
22-Jun-24 12:00:03	21.17467308	0	1.448189517	1.616930246	11.92024904	14.51249169	1259737.671	142.9589647	0.050424	14.006734	0	0	0.001833	0.5091734	45.893	0.000	1.448	25.946	
22-Jun-24 13:00:03	20.65491813	0	1.401047349	1.558210041	14.23972321	14.54609247	1279650.4	143.1640881	0.049727	13.812944	0	0	0.001793	0.4980180	44.959	0.000	1.401	31.101	
22-Jun-24 14:00:03	21.99392509	0	1.613335569	1.780654311	7.03887558	14.45567194	1257788.94	142.1489574	0.052460	14.572235	0	0	0.002045	0.5681581	47.236	0.000	1.613	15.071	
22-Jun-24 15:00:03	20.89990234	0	1.458751569	1.625034213	12.61848585	14.53629971	1292191.398	143.1891589	0.050810	14.113806	0	0	0.001885	0.5236032	45.458	0.000	1.459	27.429	
22-Jun-24 16:00:03	21.55241394	0	1.404323101	1.573302458	9.513852802	14.49388895	1267428.415	142.4194641	0.051392	14.275814	0	0	0.001780	0.4944097	45.564	0.000	1.404	20.526	
22-Jun-24 17:00:03	19.59037003	0	1.867912075	1.929245687	19.12918282	14.56885897	1310258.301	138.6991882	0.048071	13.352029	0	0	0.002185	0.6069452	42.639	0.000	1.868	41.723	
22-Jun-24 18:00:03	20.01252474	0	1.429916934	1.59317504	16.54598206	14.51372147	1289768.714	141.7191772	0.048561	13.489266	0	0	0.001842	0.5117887	43.377	0.000	1.429	35.870	
22-Jun-24 19:00:03	20.61781008	0	0.552737297	0.808845427	0	13.32137776	1609917.358	252.4850454	0.066560	18.484360	0	0	0.001110	0.3082297	38.062	0.000	0.553	0.000	
22-Jun-24 20:00:03	20.83089251	0	0.609637074	0.780072172	0	13.21817822	1592325.662	262.4061648	0.066324	18.423300	0	0	0.001025	0.2847642	37.872	0.000	0.608	0.000	
22-Jun-24 21:00:03	24.24846814	0	0.600840595	0.780958078	0	13.34778118	1679260.01	260.8848891	0.076600	21.277715	0	0	0.001009	0.2801755	44.474	0.000	0.601	0.000	
22-Jun-24 22:00:03	21.58587546	0	0.691522596	0.749153733	0.111371398	13.51824093	1539997.314	232.2372742	0.066603	18.500748	0	0	0.000970	0.2694789	40.519	0.000	0.692	0.007	
22-Jun-24 23:00:03	21.99279365	0	1.101812197	1.250642062	10.65229702	14.52268962	1281301.37	143.1844287	0.051952	14.431002	0	0	0.001396	0.3880329	47.616	0.000	1.102	23.195	
23-Jun-24 00:00:03	21.59302139	0	1.091638446	1.257037961	2.381653404	14.03521442	1475838.135	184.9001007	0.058996	16.665870	0	0	0.001612	0.4478258	43.974	0.000	1.092	4.713	
23-Jun-24 01:00:03	23.22735405	0	1.002758145	1.154261454	0	13.43792057	1672075.317	251.5304474	0.073069	20.297009	0	0	0.001677	0.4657464	43.143	0.000	1.003	0.000	
23-Jun-24 02:00:03	20.85373977	0	0.858306976	1.025407454	0	13.3202066	1587159.302	261.5471497	0.066194	18.387258	0	0	0.001465	0.4069906	38.115	0.000	0.858	0.000	
23-Jun-24 03:00:03	20.94508171	0	0.974447548	1.135510564	0	13.32483101	1716324.341	264.9194031	0.067633	18.787929	0	0	0.001672	0.4645745	38.333	0.000	0.974	0.000	
23-Jun-24 04:00:03	21.53463698	0	0.882093215	1.042790592	0	13.29595757	1750051.401	264.6743469	0.070327	19.537957	0	0	0.001531	0.4253618	39.245	0.000	0.882	0.000	
23-Jun-24 05:00:03	21.61357172	0	1.234878851	1.378832221	3.072235884	14.11205087	1380171.031	180.0583344	0.056129	15.569819	0	0	0.001704	0.4734295	44.055	0.000	1.235	6.309	
23-Jun-24 06:00:03	24.22697811	0	0.94735839	1.107259274	0.100915357	13.47836494	1600548.95	239.6300169	0.073370	20.380544	0	0	0.001525	0.4235597	45.254	0.000	0.947	0.032	
23-Jun-24 07:00:03	21.26758358	0	1.314329929	1.466260314	11.41147194	14.44566531	1259795.898	143.8405151	0.050807	14.113166	0	0	0.001659	0.4635905	45.625	0.000	1.314	25.542	
23-Jun-24 08:00:03	21.38446513	0	1.37729166	1.530621767	13.50802863	14.44183064	1253975.708	144.4872906	0.050472	14.020025	0	0	0.001727	0.4797473	45.866	0.000	1.377	28.954	
23-Jun-24 09:00:03	21.79278167	0	1.213590758	1.388914683	11.16210842	14.4092421	1254722.9	143.6360157	0.053085	14.745719	0	0	0.001571	0.4364061	46.912	0.000	1.214	24.397	
23-Jun-24 10:00:03	21.56725943	0	1.549665255	1.722826242	12.04377661	14.49713135	1281644.165	143.7407227	0.052218	14.502543	0	0	0.001986	0.5517002	46.813	0.000	1.550	26.072	
23-Jun-24 11:00:03	21.48600789	0	1.470451991	1.633330474	12.72575209	14.5036533	1284473.38	144.5858154	0.052327	14.535344	0	0	0.001903	0.5287381	46.501	0.000	1.470	27.298	
23-Jun-24 12:00:03	21.21095276	0	1.524853468	1.693884919	11.4238575	14.48849406	1265804.98	144.1111092	0.050965	14.029282	0	0	0.001930	0.5360725	45.792	0.000	1.525	25.095	
23-Jun-24 13:00:03	20.75480103	0	1.5616752	1.73777638	12.09888353	14.48502465	1273864.187	144.1981999	0.049734	13.815098	0	0	0.001975	0.5487130	44.846	0.000	1.562	26.143	
23-Jun-24 14:00:03	21.14558155	0	1.541062263	1.724801774	12.18125657	14.52126884	1267093.929	145.9018707	0.050411	14.003125	0	0	0.001953	0.5424160	45.866	0.000	1.541	26.381	
23-Jun-24 15:00:03	20.69723129	0.005094165	1.447643399	1.616087532	13.37960944	14.53437136	1293060.947	144.3475037	0.050361	13.989453	2.0027E-05	0.0057297	0.001872	0.5199096	45.016	0.000	1.448	29.158	
23-Jun-24 16:00:03	21.3132619	0.000101845	1.477388859	1.632082582	10.68934822	14.50289972	1328982.007	144.3092329	0.053078	14.743814	3.5219E-07	9.783E-05	0.001956	0.5432283	46.133	0.000	1.477	23.155	
23-Jun-24 17:00:03	20.72054041	0	1.556382587	1.720844385	13.86209799	14.49003315	1279408.203	144.3059006	0.049795	13.806950	0	0	0.001983	0.5508660	44.758	0.000	1.556	30.299	
23-Jun-24 18:00:03	21.21085832	0	1.485189457	1.587054305	11.79432011	14.43509005	1269757.202	144.1529846	0.050871	14.075213	0	0	0.001887	0.5241873	45.800	0.000	1.485	25.286	
23-Jun-24 19:00:03	21.41090265	0	1.376948479	1.512678335	12.18971729	14.50064543	1279185.574	146.4590782	0.051557	14.321425	0	0	0.001762	0.4895419	46.353	0.000	1.377	26.482	
23-Jun-24 20:00:03	22.67033758	4.63711E-05	1.451423039	1.525478434	6.515216735	14.41432858	1244756.438	143.7324574	0.053091	14.747519	1.5108E-07	4.1966E-05	0.001919	0.5063181	48.378	0.000	1.451	13.899	
23-Jun-24 21:00:03	21.99317795	0	1.367252987	1.633229858	9.332759868	14.47144794	1249729.614	144.4217224	0.051529	14.313520	0	0	0.001767	0.4742885	47.259	0.000	1.367	20.092	
23-Jun-24 22:00:03	20.89300046	0	1.562071919	1.720723562	16.01640892	14.47721483	1269571.045	144.7107086	0.049866	13.862966	0	0	0.001983	0.5509781	45.030	0.000	1.562	34.552	
23-Jun-24 23:00:03	22.58578973	0	1.345278888	1.490784428	7.565033094	14.44184303	1264006.128	147.2062332	0.054599	15.166422	0	0	0.001729	0.4801538	48.427	0.000	1.345	16.029	
24-Jun-24 00:00:03	21.54804093	0	1.468140841	1.622625351	13.56285658	14.5310347	1253780.161	149.4250347	0.050829	14.119082	0	0	0.001841	0.5113127	46.716	0.000	1.468	29.858	
24-Jun-24 01:00:03	21.80313988	0	1.473479397	1.625775814	13.88126853	14.43013185	1287511.887	144.0248839	0.051517	14.318188	0	0	0.001868	0.5187899	46.643	0.000	1.473	30.233	
24-Jun-24 02:00:03	21.88608959	0	1.482001085	1.603800922	13.64395813	14.43873534	1280988.515	147.3022888	0.052127	14.479654	0	0	0.001851	0.5140961	47.293	0.000	1.482	29.548	
24-Jun-24 03:00:03	21.41913988	0	1.695812429	1.822192192	15.31109455	14.48087265	1285612.629	145.7921448	0.051928	14.424503	0	0	0.002135	0.5930520	46.018	0.000	1.697	32.900	
24-Jun-24 04:00:03	21.68946205	0	1.600337082	1.755151969	14.78131485	14.47080708	1272223.145	145.505005	0.051915	14.420773	0	0	0.002036	0.5655518	46.598	0.000	1.600	31.801	
24-Jun-24 05:00:03	21.6105987	0	1.440002263	1.660297852	14.51452867	14.48468258	1273200.193	146.5397584	0.051766	14.379440	0	0	0.001833	0.5092889	45.591	0.000	1.440	31.150	
24-Jun-24 06:00:03	22.40759023	0	1.35662325	1.508073694	10.02814807	14.41171159	1236605.005	145.1812439	0.052129	14.480189	0	0	0.001678	0.4659034	47.906	0.000	1.351	21.202	
24-Jun-24 07:00:03	21.22694092	0	1.415806274	1.571932077	10.78840085	14.42537071	1244803.487	147.5454559	0.051352	14.264459	0	0	0.001762	0.4895567	45.753	0.000	1.416	23.007	
24-Jun-24 08:00:03	23.00133895	0	1.885287378	1.844224608	6.012351992	14.31033993	1280048.096	147.3829303	0.054095	15.026447	0	0	0.002108	0.5855328	49.326	0.000	1.896	12.772	

Site Name: GULF OUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-24 09:00:03	22.97783007	0	1.404258847	1.58370835	5.972325732	14.37907124	1272284.801	147.1200398	0.055001	15.277944	0	0	0.001787	0.4967748	48.776	0.000	1.404	12.679	
24-Jun-24 10:00:03	22.65008158	0	1.479829906	1.846000024	7.094022755	14.39697726	1282523.56	145.0357147	0.054477	15.188065	0	0	0.001897	0.5269546	48.272	0.000	1.479	15.002	
24-Jun-24 11:00:03	21.41841125	0	1.451582125	1.602228842	12.71867981	14.49808802	1280975.992	145.6865082	0.051619	14.338532	0	0	0.001859	0.5164938	45.315	0.000	1.452	27.312	
24-Jun-24 12:00:03	21.22833173	0	1.457704782	1.620021602	13.75579169	14.50362042	1300685.132	145.7563301	0.051961	14.430799	0	0	0.001896	0.5267515	45.948	0.000	1.458	27.450	
24-Jun-24 13:00:03	23.37305722	0	1.090456257	1.253259076	0	13.34050465	1705273.928	267.7458515	0.075838	20.843645	0	0	0.001844	0.5120984	42.857	0.000	1.080	0.000	
24-Jun-24 14:00:03	23.57998276	0	1.086402955	1.261906889	0	13.40817547	1729979.248	262.7428131	0.078747	21.316706	0	0	0.001878	0.5220706	43.321	0.000	1.086	0.000	
24-Jun-24 15:00:03	23.27789118	0	1.141607481	1.303533104	0	13.30975394	1689445.801	263.6130613	0.073889	20.552486	0	0	0.001929	0.5357457	42.915	0.000	1.142	0.000	
24-Jun-24 16:00:03	23.29841232	0	1.064100792	1.220329726	0	13.38236477	1706265.465	284.4185791	0.076166	21.140557	0	0	0.001830	0.5083850	42.838	0.000	1.064	0.000	
24-Jun-24 17:00:03	19.55831294	0	1.116844416	1.276885615	2.155161129	14.08850593	1468656.01	183.664917	0.052130	14.480555	0	0	0.001574	0.4373175	39.949	0.000	1.117	4.378	
24-Jun-24 18:00:03	22.14472108	0	1.241037985	1.398832576	8.587878971	14.43153191	1340927.898	151.8857584	0.055687	15.518585	0	0	0.001664	0.4622618	47.368	0.000	1.241	13.824	
24-Jun-24 19:00:03	21.60934334	0	1.119548216	1.28302051	0	13.57322607	1747298.34	267.1308299	0.071695	19.915266	0	0	0.001956	0.5434332	40.159	0.000	1.120	0.000	
24-Jun-24 20:00:03	20.87257576	0	1.083805809	1.219838588	0.038433809	13.81900582	1572045.186	212.9072113	0.061733	17.148166	0	0	0.001672	0.4645418	41.084	0.000	1.084	0.062	
24-Jun-24 21:00:03	26.81751709	0	1.10421598	1.288364477	0	13.37303734	1697427.807	267.1958563	0.081491	22.636279	0	0	0.001874	0.5206448	48.921	0.000	1.104	0.000	
24-Jun-24 22:00:03	22.34385581	0	1.219511747	1.375318947	7.672372816	14.46419407	1282202.148	147.1755815	0.053901	14.972388	0	0	0.001564	0.4343592	47.980	0.000	1.220	16.251	
24-Jun-24 23:00:03	21.87621117	0	1.452493118	1.623303852	9.081599371	14.59846515	1230197.309	145.436203	0.052698	14.638301	0	0	0.001860	0.5166020	46.577	0.000	1.452	19.981	
25-Jun-24 00:00:03	21.52477074	0	1.204825832	1.358478549	0	13.59715958	1692313.721	265.6591187	0.068533	19.036883	0	0	0.002039	0.5663736	39.935	0.000	1.205	0.000	
25-Jun-24 01:00:03	21.80515099	0	1.353870986	1.483486295	8.772741318	14.42938993	1279604.248	147.2312903	0.052494	14.581603	0	0	0.001732	0.4812275	46.591	0.000	1.354	18.730	
25-Jun-24 02:00:03	22.01190188	0	1.53151075	1.687735798	8.55627346	14.39787269	1270290	145.3098151	0.052605	14.612487	0	0	0.001946	0.5404052	46.579	0.000	1.532	18.074	
25-Jun-24 03:00:03	21.65190881	0	1.470948577	1.622575061	9.975812383	14.39043331	1264376.488	147.5862274	0.051503	14.306416	0	0	0.001860	0.5166198	46.265	0.000	1.471	21.640	
25-Jun-24 04:00:03	22.05450081	0	1.422023704	1.568569043	8.239277344	14.40329199	1285613.082	148.213074	0.053364	14.823374	0	0	0.001828	0.5078932	46.997	0.000	1.422	17.326	
25-Jun-24 05:00:03	21.57202721	0	1.398590922	1.5688802	18.672505	14.48208902	1254872.437	149.7171326	0.050930	14.147866	0	0	0.001755	0.4875145	46.424	0.000	1.399	39.702	
25-Jun-24 06:00:03	22.78779412	0	1.246687133	1.397109759	8.00313823	14.40741348	1280112.305	148.5791626	0.054834	15.231502	0	0	0.001596	0.4432943	48.539	0.000	1.247	17.350	
25-Jun-24 07:00:03	21.73468996	0	1.346791029	1.501775052	10.4190321	14.42934513	1259801.025	145.7793732	0.051148	14.207848	0	0	0.001685	0.4679354	46.489	0.000	1.347	22.331	
25-Jun-24 08:00:03	21.59550015	0	1.408928158	1.560819745	13.05658406	14.43257218	1341291.746	147.2237854	0.053994	14.998336	0	0	0.001890	0.5249399	45.796	0.000	1.409	27.933	
25-Jun-24 09:00:03	21.92708015	0	1.344830155	1.506591458	9.789857898	14.447228	1290697.754	145.5650825	0.053246	14.790455	0	0	0.001736	0.4821581	47.041	0.000	1.345	20.973	
25-Jun-24 10:00:03	21.96443139	0	1.44256891	1.610071898	11.41169924	14.49974155	1297506.859	145.4127856	0.053374	14.826000	0	0	0.001869	0.5192638	47.257	0.000	1.441	24.528	
25-Jun-24 11:00:03	21.78027607	0	1.457276271	1.632135153	10.71364212	14.50444081	1281739.99	145.3289337	0.052450	14.569340	0	0	0.001868	0.5188467	47.078	0.000	1.457	23.321	
25-Jun-24 12:00:03	22.02389928	0	1.251325389	1.389038855	7.802925777	14.49692138	1300804.37	145.4625367	0.053891	14.969796	0	0	0.001627	0.4520776	47.751	0.000	1.251	16.779	
25-Jun-24 13:00:03	19.86837798	0	1.371285591	1.503119459	7.851530482	14.23560739	1374291.138	163.0828705	0.050885	14.134767	0	0	0.001885	0.5234772	42.962	0.000	1.371	16.519	
25-Jun-24 14:00:03	21.86524806	0	1.276043415	1.419391632	9.102113724	14.46885059	1347959.328	167.1091003	0.054925	15.257661	0	0	0.001720	0.4778512	46.570	0.000	1.276	19.785	
25-Jun-24 15:00:03	23.88744553	0	1.251639724	1.496323741	0.001801827	14.01438808	1532016.846	204.3149109	0.065015	18.060506	0	0	0.001918	0.5326481	45.365	0.000	1.252	0.002	
25-Jun-24 16:00:03	20.42899786	0	1.314730783	1.480452857	12.86125732	14.48357037	1309119.263	146.1285095	0.050316	13.976570	0	0	0.001721	0.4780843	43.829	0.000	1.315	27.545	
25-Jun-24 17:00:03	21.34315926	0	1.259263158	1.411300242	11.08766463	14.40638692	1238981.689	144.2607388	0.049571	13.767444	0	0	0.001558	0.4328904	45.487	0.000	1.259	23.660	
25-Jun-24 18:00:03	21.34840393	0	1.199548841	1.346839099	9.889265014	14.39378929	1248551.355	144.7960968	0.050072	13.908822	0	0	0.001495	0.4153075	45.427	0.000	1.200	20.960	
25-Jun-24 19:00:03	21.67383389	0	1.314741136	1.471984389	9.6760356	14.40017203	1237850.293	145.4533844	0.050404	14.017643	0	0	0.001627	0.4519606	46.169	0.000	1.316	20.410	
25-Jun-24 20:00:03	21.35811447	0	1.506173849	1.661037445	10.39341927	14.40013409	1264478.583	144.7488115	0.050834	14.120610	0	0	0.001905	0.5290338	45.515	0.000	1.506	22.094	
25-Jun-24 21:00:03	21.43815231	0	1.364273429	1.537799475	9.438185092	14.40388096	1232188.748	144.2722015	0.049606	13.804901	0	0	0.001681	0.4669479	45.614	0.000	1.364	20.208	
25-Jun-24 22:00:03	21.28691182	0	1.264243612	1.40523243	9.386988281	14.38389465	1215030.796	144.5914368	0.048785	13.551521	0	0	0.001528	0.4243630	45.229	0.000	1.254	19.707	
25-Jun-24 23:00:03	21.84361	0	1.231040597	1.39150236	10.55888387	14.41182227	1273448.699	146.0247192	0.051865	14.404129	0	0	0.001568	0.4354625	46.178	0.000	1.231	22.608	
26-Jun-24 00:00:03	21.92122269	0	1.248120427	1.400963902	10.12961986	14.4171772	1286402.222	145.923888	0.053013	14.725847	0	0	0.001604	0.4459491	46.815	0.000	1.248	21.576	
26-Jun-24 01:00:03	21.16242409	0	1.271081288	1.444806206	12.24103478	14.42912865	1249371.107	146.7744598	0.049751	13.819836	0	0	0.001588	0.4411858	45.278	0.000	1.271	26.232	
26-Jun-24 02:00:03	21.68773857	0	1.284203291	1.442486068	11.03411488	14.42341814	1231674.927	146.4086541	0.050296	13.960035	0	0	0.001582	0.4393069	46.361	0.000	1.284	23.402	
26-Jun-24 03:00:03	21.78389122	0	1.248430729	1.403849997	10.4451685	14.4200964	1257252.088	146.5113829	0.051480	14.300092	0	0	0.001570	0.4360013	46.516	0.000	1.248	22.330	
26-Jun-24 04:00:03	21.68728838	0	1.247979403	1.310549048	11.15777302	14.40983364	1271202.837	146.8080459	0.051906	14.407760	0	0	0.001586	0.4408763	46.256	0.000	1.248	23.873	
26-Jun-24 05:00:03	21.19063588	0	1.390802084	1.611518475	13.77548611	14.40833923	1237748.216	146.6411896	0.049346	13.707304	0	0	0.001672	0.4644366	45.400	0.000	1.351	29.499	
26-Jun-24 06:00:03	21.84289742	0	1.348629261	1.40779935	10.9995894	14.39601231	1242611.329	145.3490601	0.051887	14.413087	0	0	0.001576	0.4378800	46.495	0.000	1.349	23.517	
26-Jun-24 07:00:03	22.20329475	0	1.378025035	1.531167868	9.238214838	14.37983488	1268328.782	145.0221443	0.052887	14.682384	0	0	0.001744	0.4843478	47.153	0.000	1.378	19.385	
26-Jun-24 08:00:03	21.84073839	0	1.311192751	1.467387874	10.91940308	14.42258739	1247370.85	142.3907318	0.051256	14.237684	0	0	0.001636	0.4543177	46.672	0.000	1.311	23.143	
26-Jun-24 09:00:03	22.66264915	0	1.345376488	1.424660329	8.094797134	14.319879	1249155.029	146.1973877	0.053291	14.794689	0	0	0.001556	0.4321391	48.112	0.000	1.245	17.428	
26-Jun-24 10:00:03	21.32913389	0	1.313874841	1.476033164	11.45625087	14.43148813	1289904.907	143.8973999	0.051762	14.378295	0	0	0.001695	0.4707704	45.649	0.000	1.314	24.670	
26-Jun-24 11:00:03	21.34690556	0	1.282306314	1.440755824	9.754184698	14.42609978	1238406.572	143.8720398	0.049656	13.793442	0	0	0.001585	0.4404832	45.644	0.000	1.282	20.831	
26-Jun-24 12:00:03	21.47481348	0	1.425352739	1.652874112	11.375	14.48747112	1255204.466	145.1109973	0.050713	14.087659	0	0	0.001877	0.5213493	46.221	0.000	1.425	24.400	
26-Jun-24 13:00:03	21.94101622	0	1.296457848	1.455216994	8.805721428	14.37535	1290205.933	144.2203217	0.053259	14.794739	0	0	0.001673	0.4646387	46.548	0.000	1.296	18.684	
26-Jun-24 14:00:03	21.63706844	0	1.287141085	1.448400186	11.28790089	14.40730252	1224399.17	143.6903975	0.049843	13.845149	0	0	0.001576	0.4377787	46.260	0.000	1.287	24.298	
26-Jun-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 18:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 19:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 21:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
26-Jun-24 22:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jun-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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27-Jun-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 13:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
27-Jun-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
27-Jun-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jun-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jun-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jun-24 20:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jun-24 10:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 11:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 12:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 13:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 14:02:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 15:02:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 16:02:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jun-24 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK11
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	13.23	0.00	0.56	0.71	0.00	13.20	1,218,030.40	139.56	0.03	9.16	0.00	0.00	0.02	0.26	37.71	0.00	0.56	0.00	
Maximum	38.92	0.30	1.59	1.84	29.06	18.06	1,814,433.11	372.70	0.09	24.30	0.00	0.37	0.00	0.61	50.54	1.45	1.69	51.10	
Avg	32.03	0.01	1.21	1.37	5.97	14.02	1,436,562.57	187.55	0.06	16.59	0.00	0.02	0.00	0.46	44.45	0.04	1.21	12.72	
sum									31.47		0.04		0.90						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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04-Jun-24 16:00:00	23.431	0.000	1.730	1.757	0.000	13.381	1776902.588	258.131	0.078331	21.758853	0	0	0.003874	0.8639048	43.197	0.000	1.730	0.000	
04-Jun-24 17:00:00	21.273	0.000	1.618	1.629	5.741	14.066	1241718.482	145.835	0.049606	13.894512	0	0	0.002906	0.5673211	43.202	0.000	1.618	11.615	
04-Jun-24 18:00:00	21.898	0.000	1.832	1.847	12.245	14.301	1209681.274	141.136	0.049377	13.715729	0	0	0.002216	0.6154782	45.542	0.000	1.832	25.411	
04-Jun-24 19:00:00	21.287	0.000	1.720	1.721	0.000	13.331	1710411.133	258.890	0.068502	19.028289	0	0	0.002942	0.8171182	38.395	0.000	1.720	0.002	
04-Jun-24 20:00:00	20.233	0.000	1.813	1.824	0.000	13.326	1740247.070	263.360	0.066211	18.391822	0	0	0.002803	0.7786782	37.008	0.000	1.813	0.000	
04-Jun-24 21:00:00	20.837	0.000	1.832	1.852	0.000	13.316	1739184.204	264.285	0.067528	18.757158	0	0	0.002839	0.7883840	37.713	0.000	1.832	0.000	
04-Jun-24 22:00:00	19.986	0.000	1.849	1.850	0.000	13.374	1727826.154	260.091	0.064982	18.045080	0	0	0.002849	0.7914725	36.831	0.000	1.849	0.000	
04-Jun-24 23:00:00	20.583	0.000	1.597	1.827	0.000	13.316	1688772.461	260.871	0.065308	18.149587	0	0	0.002693	0.7481881	37.818	0.000	1.597	0.000	
05-Jun-24 00:00:00	19.677	0.000	1.672	1.890	8.632	13.964	1389137.939	179.787	0.051425	14.284783	0	0	0.002322	0.6449893	39.310	0.000	1.672	13.108	
05-Jun-24 01:00:00	23.010	0.000	1.844	1.984	4.768	14.053	1168413.086	141.101	0.050149	13.638206	0	0	0.002136	0.6934200	46.022	0.000	1.844	9.403	
05-Jun-24 02:00:00	18.598	0.000	1.832	1.854	10.400	14.005	1407225.982	184.538	0.049233	13.675922	0	0	0.002676	0.7162034	37.394	0.000	1.832	20.851	
05-Jun-24 03:00:00	21.217	0.000	1.764	1.777	14.027	14.217	1219113.647	142.753	0.048664	13.517827	0	0	0.002151	0.5974717	43.971	0.000	1.764	29.300	
05-Jun-24 04:00:00	22.347	0.000	1.911	1.933	2.121	12.790	1688584.595	214.787	0.064523	17.923018	0	0	0.002973	0.8259358	42.711	0.000	1.911	3.923	
05-Jun-24 05:00:00	18.590	0.000	1.644	1.660	0.000	13.375	1730788.089	263.593	0.060661	18.905896	0	0	0.002845	0.7902978	34.433	0.000	1.644	0.000	
05-Jun-24 06:00:00	20.786	0.000	1.639	1.658	0.000	13.371	1739236.063	261.820	0.066007	18.690846	0	0	0.002851	0.7919597	38.266	0.000	1.639	0.000	
05-Jun-24 07:00:01	21.834	0.000	1.675	1.690	0.000	13.421	1710481.889	256.591	0.070265	19.518127	0	0	0.002886	0.7969182	40.454	0.000	1.675	0.000	
05-Jun-24 08:00:01	20.722	0.000	1.641	1.680	0.000	13.455	1743231.713	252.943	0.067963	18.878709	0	0	0.002860	0.7944442	38.631	0.000	1.641	0.000	
05-Jun-24 09:00:01	22.370	0.000	1.584	1.582	3.146	13.508	1581174.361	248.883	0.070754	19.654023	0	0	0.002638	0.7364219	42.118	0.000	1.584	0.000	
05-Jun-24 10:00:01	23.476	0.000	1.545	1.569	3.893	14.397	1302120.361	159.102	0.057517	15.977030	0	0	0.002012	0.5587680	47.797	0.000	1.545	7.674	
05-Jun-24 11:00:01	21.806	0.000	1.631	1.633	0.000	13.454	1711894.927	259.442	0.070231	19.508732	0	0	0.002792	0.7755529	40.579	0.000	1.631	0.000	
05-Jun-24 12:00:01	22.349	0.000	1.642	1.655	0.000	13.432	1759836.593	258.844	0.073954	20.542829	0	0	0.002887	0.8020718	41.473	0.000	1.642	0.000	
05-Jun-24 13:00:01	22.085	0.000	1.737	1.761	0.000	13.410	1759199.219	261.094	0.072939	20.258295	0	0	0.003048	0.8476718	40.889	0.000	1.737	0.000	
05-Jun-24 14:00:01	21.478	0.000	1.704	1.734	0.000	13.408	1718117.854	259.531	0.069428	19.285488	0	0	0.002928	0.8132207	39.742	0.000	1.704	0.000	
05-Jun-24 15:00:01	23.158	0.000	1.748	1.775	0.000	13.376	1725337.036	260.739	0.075312	20.910961	0	0	0.003018	0.8383804	42.718	0.000	1.748	0.000	
05-Jun-24 16:00:01	24.027	0.000	1.545	1.567	0.000	13.381	1716092.407	258.519	0.077529	21.535585	0	0	0.002650	0.7362173	44.312	0.000	1.546	0.000	
05-Jun-24 17:00:01	23.613	0.000	1.741	1.750	0.000	13.449	1697339.722	253.224	0.075468	20.946096	0	0	0.002956	0.8209425	43.908	0.000	1.741	0.000	
05-Jun-24 18:00:01	21.920	0.000	1.669	1.695	0.000	13.421	1701444.214	258.087	0.070168	19.491238	0	0	0.002838	0.7880180	40.612	0.000	1.669	0.000	
05-Jun-24 19:00:01	21.363	0.000	1.578	1.598	0.000	13.367	1765290.771	282.446	0.070992	19.720084	0	0	0.002787	0.7742334	39.349	0.000	1.578	0.000	
05-Jun-24 20:00:01	21.459	0.000	1.701	1.730	0.000	13.334	1722205.247	261.585	0.069529	19.313475	0	0	0.002929	0.8135950	39.290	0.000	1.701	0.000	
05-Jun-24 21:00:01	21.101	0.000	1.661	1.695	0.000	13.352	1662424.194	263.623	0.067187	18.663004	0	0	0.002794	0.7762394	36.741	0.000	1.661	0.000	
05-Jun-24 22:00:01	21.750	0.000	1.543	1.580	0.000	13.338	1725382.925	263.299	0.070913	19.814788	0	0	0.002662	0.7393911	39.860	0.000	1.543	0.000	
05-Jun-24 23:00:01	20.452	0.000	1.649	1.670	0.000	13.384	1731093.384	261.740	0.066816	18.502783	0	0	0.002847	0.7909214	37.713	0.000	1.645	0.000	
06-Jun-24 00:00:01	20.784	0.000	1.702	1.714	0.000	13.377	1712318.479	263.592	0.066964	18.601929	0	0	0.002915	0.8096541	38.283	0.000	1.702	0.000	
06-Jun-24 01:00:01	21.001	0.000	1.607	1.631	0.000	13.348	1729808.275	262.302	0.068339	18.983080	0	0	0.002779	0.7719173	38.536	0.000	1.607	0.000	
06-Jun-24 02:00:01	22.900	0.000	1.584	1.680	1.326	13.839	1934345.703	225.594	0.069368	19.268888	0	0	0.002720	0.7554487	44.259	0.000	1.584	2.594	
06-Jun-24 03:00:01	20.153	0.000	1.731	1.763	5.728	13.939	1404858.982	191.813	0.053258	14.793775	0	0	0.002432	0.6754185	40.065	0.000	1.731	11.567	
06-Jun-24 04:00:01	21.975	0.000	1.769	1.790	0.019	13.532	1647263.306	254.180	0.068105	18.917934	0	0	0.002914	0.8093395	41.587	0.100	1.769	0.129	
06-Jun-24 05:00:01	20.860	0.000	1.634	1.650	0.000	13.399	1752614.038	263.580	0.069171	19.214282	0	0	0.002880	0.7998664	38.524	0.100	1.634	0.000	
06-Jun-24 06:00:01	20.611	0.000	1.692	1.697	0.080	13.423	1741306.333	263.659	0.067526	18.757198	0	0	0.002948	0.8184699	38.207	0.100	1.692	0.000	
06-Jun-24 07:00:01	21.587	0.000	1.786	1.793	13.337	14.382	1163276.513	147.939	0.047249	13.123536	0	0	0.002054	0.5706338	45.169	0.000	1.768	27.968	
06-Jun-24 08:00:01	20.850	0.000	1.590	1.695	16.161	14.307	1163664.321	142.632	0.045729	12.700049	0	0	0.001854	0.5148789	43.784	0.000	1.590	33.925	
06-Jun-24 09:00:01	19.478	0.000	1.592	1.705	7.578	14.070	1339697.650	172.619	0.049090	13.630015	0	0	0.002287	0.6297429	39.543	0.000	1.692	15.318	
06-Jun-24 10:00:01	23.301	0.000	1.503	1.610	7.927	14.307	1174588.887	141.864	0.051491	14.303178	0	0	0.001882	0.5229064	48.919	0.000	1.603	16.535	
06-Jun-24 11:00:01	21.138	0.000	1.600	1.601	3.613	14.027	1458182.109	190.322	0.057870	16.074925	0	0	0.002329	0.6468385	42.605	0.000	1.600	7.289	
06-Jun-24 12:00:01	22.392	0.000	1.797	1.828	9.827	14.314	1189224.487	141.587	0.050196	13.918777	0	0	0.002137	0.5937485	47.083	0.000	1.797	20.199	
06-Jun-24 13:00:01	24.715	0.000	1.764	1.781	0.583	13.842	1674240.723	229.734	0.077851	21.625184	0	0	0.002954	0.8204510	48.468	0.000	1.784	0.995	
06-Jun-24 14:00:01	23.989	0.000	1.639	1.661	0.296	13.869	1589969.738	231.225	0.070404	19.556743	0	0	0.002557	0.7104181	47.191	0.000	1.659	0.586	
06-Jun-24 15:00:01	24.931	0.000	1.581	1.587	0.113	13.870	1612809.570	236.370	0.075640	21.013733	0	0	0.002711	0.7529885	47.777	0.000	1.581	0.030	
06-Jun-24 16:00:01	25.088	0.000	1.627	1.633	0.000	13.885	1689419.169	246.459	0.078798	21.888218	0	0	0.002716	0.7543283	47.515	0.000	1.627	0.000	
06-Jun-24 17:00:01	21.093	0.000	1.487	1.572	0.123	13.515	1582700.806	219.824	0.061618	17.116010	0	0	0.002309	0.6413163	39.574	0.000	1.487	0.000	
06-Jun-24 18:00:01	21.078	0.000	1.492	1.513	0.000	13.375	1694627.832	259.969	0.067039	18.622938	0	0	0.002528	0.7021065	38.720	0.000	1.492	0.000	
06-Jun-24 19:00:01	21.203	0.000	1.329	1.348	0.000	13.323	1748090.430	264.647	0.069758	19.377352	0	0	0.002323	0.6453863	38.793	0.000	1.329	0.000	
06-Jun-24 20:00:01	20.765	0.000	1.388	1.399	0.000	13.350	1698828.613	261.747	0.066259	18.413685	0	0	0.002356	0.6544068	38.111	0.000	1.388	0.000	
06-Jun-24 21:00:01	20.922	0.000	1.433	1.439	0.000	13.362	1736742.798	253.106	0.068341	18.983713	0	0	0.002487	0.6909121	38.474	0.000	1.403	0.000	
06-Jun-24 22:00:01	20.441	0.000	1.509	1.525	0.000	13.378	1758593.750	261.777	0.067565	18.765229	0	0	0.002651	0.7362520	37.617	0.000	1.509	0.000	
06-Jun-24 23:00:01	19.997	0.000	1.610	1.630	0.000	13.392	1781519.995	262.970	0.067030	18.619463	0	0	0.002869	0.7969587	36.906	0.000	1.610	0.000	
07-Jun-24 00:00:01	20.633	0.000	1.713	1.722	0.000	13.411	1698703.735	261.519	0.065941	18.316039	0	0	0.002911	0.8085033	38.199	0.000	1.713	0.000	
07-Jun-24 01:00:01	20.303	0.000	1.698	1.718	0.000	13.392	1709812.744	261.971	0.065313	18.142413	0	0	0.002890	0.8053874	37.483	0.000	1.698	0.000	
07-Jun-24 02:00:01	18.593	0.000	1.642	1.667	10.039	14.076	1382274.170	183.439	0.047558	13.210815	0	0	0.002220	0.6167165	37.938	0.000	1.642	20.332	
07-Jun-24 03:00:01	19.440	0.000	1.737	1.765	0.000	13.400	1721405.884	254.802	0.062959	17.488725	0	0	0.002990	0.8306916	35.925	0.000	1.737	0.000	
07-Jun-24 04:00:01	19.068	0.000	1.610	1.626	0.000	13.420	1727824.219	259.746	0.061985	17.218033	0	0	0.002782	0.7726482	35.308	0.000	1.610	0.000	
07-Jun-24 05:00:01	19.823	0.000	1.676	1.685	0.000	13.370	1737892.212	263.222	0.064815	18.004296	0	0	0.002912	0.8088804	36.487	0.000	1.676	0.000	
07-Jun-24 06:00:01	20.070	0.000	1.481	1.491	0.000	13.401	1757831.610	261.016	0.066364	18.434581	0	0	0.002568	0.7133333	37.381	0.000	1.481	0.000	
07-Jun-24 07:00:01	23.191	0.000	1.385	1.407	5.142	14.183	1156911.890	144.372	0.050452	14.014439	0	0	0.001602	0.4449381	47.812	0.000	1.385	10.679	
07-Jun-24 08:00:01	21.721	0.000	1.669	1.597	11.072	14.290	1149443.115	142.321	0.046974	13.048238	0	0	0.001918	0.5327377	45.904	0.000	1.669	23.391	
07-Jun-24 09:00:01	21.291	0.000	1.600	1.514	10.673	14.291	1197643.701	141.816	0.047969	13.324779	0	0	0.001916	0.5322672	44.895	0.000	1.600	22.170	
07-Jun-24 10:00:01	20.902	0.000	1.514	1.523	13.157	14.334	1197146.380	142.925	0.047879	13.077381	0	0	0.001812	0.5034495	44.074	0.000	1.514	27.749	
07-Jun-24 11:00:01	21.826	0.000	1.495	1.509	9.986	14.366	1227473.877	142.086	0.050403	14.000924	0	0	0.001835	0.5097162	45.150	0.000	1.495	21.014	
07-Jun-24 12:00:01	21.847	0.000	1.522	1.539	9.544	14.357	1198926.147	142.239	0.049278	13.688415	0	0	0.001825	0.5068786	46.223	0.000	1.522	20.479	
07-Jun-24 13:00:01	20.938	0.000	1.487	1.502	9.835	14.306	1218535.428	141.810	0.047922	13.311678	0	0	0.001810	0.5026560	43.982	0.000	1.487	20.635	
07-Jun-24 14:00:01	21.924	0.000	1.579	1.594	9.649	14.308	1154505.103	141.827	0.047625	13.229177	0	0	0.001824	0.5065758	46.058	0.000	1.579	20.561	
07-Jun-24 15:00:01	21.923	0.000	1.615	1.627	8.775	14.355	1172090.293	142.021	0.048123	13.367386	0	0	0.001892	0.5256345	46.014	0.000	1.615	18.372	
07-Jun-24 16:00:01	20.259	0.000	1.703	1.729	11.330	14.167	1142466.872	147.978	0.043565	12.161268	0	0	0.001946	0.5405055	41.680	0.000	1.703	22.991	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-24 17:00:01	21.254	0.000	1.578	1.696	9.551	14.217	1212611.108	143.067	0.048508	13.474023	0	0	0.001913	0.5313271	44.349	0.000	1.578	20.325	
07-Jun-24 18:00:01	22.360	0.000	1.644	1.659	9.223	14.097	1122451.060	143.010	0.047221	13.116807	0	0	0.001845	0.5124549	45.513	0.000	1.644	10.425	
07-Jun-24 19:00:01	20.891	0.000	1.561	1.581	0.933	13.655	1673658.594	246.722	0.065778	18.271787	0	0	0.002595	0.7207980	39.945	0.000	1.561	1.792	
07-Jun-24 20:00:01	20.405	0.000	1.492	1.614	0.000	13.413	1732323.608	263.709	0.066513	18.475848	0	0	0.002584	0.7177446	37.756	0.000	1.492	0.000	
07-Jun-24 21:00:01	20.267	0.000	1.534	1.542	0.000	13.447	1752484.965	281.629	0.066823	18.561806	0	0	0.002688	0.7467585	37.575	0.000	1.534	0.000	
07-Jun-24 22:00:01	23.341	0.000	1.619	1.631	0.087	13.963	1661799.606	234.740	0.072975	20.270721	0	0	0.002691	0.7473848	44.090	0.000	1.619	0.062	
07-Jun-24 23:00:01	19.391	0.000	1.610	1.614	4.710	14.031	1498362.305	200.219	0.054664	15.184356	0	0	0.002413	0.6701626	39.098	0.000	1.610	9.574	
08-Jun-24 00:00:01	24.303	0.000	1.835	1.852	0.293	13.710	1700676.147	262.549	0.077760	21.599938	0	0	0.003122	0.8670847	46.605	0.000	1.835	0.398	
08-Jun-24 01:00:01	21.305	0.000	1.761	1.776	1.365	13.732	1622257.202	244.084	0.065026	18.062554	0	0	0.002857	0.7930815	41.163	0.000	1.761	2.773	
08-Jun-24 02:00:01	19.168	0.000	1.704	1.728	13.520	14.176	1200335.693	144.786	0.043354	12.042627	0	0	0.002045	0.5681587	36.539	0.000	1.704	27.918	
08-Jun-24 03:00:01	19.982	0.000	1.638	1.661	5.549	13.974	1372896.118	188.847	0.050089	13.913699	0	0	0.002249	0.6248649	38.762	0.000	1.638	11.063	
08-Jun-24 04:00:01	21.792	0.000	1.705	1.702	12.360	14.277	1211955.811	144.456	0.049688	13.802263	0	0	0.002066	0.5739633	45.538	0.000	1.705	25.918	
08-Jun-24 05:00:01	20.895	0.000	1.643	1.663	13.764	14.281	1208223.287	144.885	0.047500	13.194401	0	0	0.001985	0.5514546	43.711	0.000	1.643	28.707	
08-Jun-24 06:00:01	19.762	0.000	1.590	1.597	0.002	13.392	1735791.748	262.765	0.064538	17.927158	0	0	0.002759	0.7665105	36.470	0.000	1.590	0.000	
08-Jun-24 07:00:01	21.254	0.000	1.629	1.650	11.816	14.261	1172734.131	144.744	0.046884	13.026126	0	0	0.001910	0.5306751	44.327	0.000	1.629	24.677	
08-Jun-24 08:00:01	21.103	0.000	1.633	1.632	13.381	14.280	1183900.391	147.670	0.047005	13.056064	0	0	0.001934	0.5371788	44.143	0.000	1.633	28.091	
08-Jun-24 09:00:01	21.740	0.000	1.735	1.753	11.548	14.289	1151108.887	142.610	0.047061	13.079105	0	0	0.001966	0.5549115	45.617	0.000	1.735	24.299	
08-Jun-24 10:00:01	21.904	0.000	1.576	1.589	11.418	14.307	1174849.487	143.688	0.048195	13.387609	0	0	0.001852	0.5143901	45.739	0.000	1.576	24.259	
08-Jun-24 11:00:01	21.724	0.000	1.568	1.675	11.272	14.297	1208581.421	143.556	0.049395	13.720968	0	0	0.001895	0.5263725	45.050	0.000	1.568	23.685	
08-Jun-24 12:00:01	21.695	0.000	1.520	1.530	10.501	14.282	1210159.312	143.496	0.049395	13.720919	0	0	0.001839	0.5109558	45.395	0.000	1.520	21.962	
08-Jun-24 13:00:01	21.783	0.000	1.560	1.602	11.749	14.289	1188537.598	141.625	0.048709	13.530141	0	0	0.001849	0.5137953	45.623	0.000	1.560	24.519	
08-Jun-24 14:00:01	23.083	0.000	1.457	1.471	4.729	14.159	1229959.106	146.743	0.053344	14.817919	0	0	0.001792	0.4978226	47.339	0.000	1.457	9.548	
08-Jun-24 15:00:01	21.163	0.000	1.378	1.387	6.938	14.140	1255495.493	161.990	0.049988	13.885419	0	0	0.001730	0.4804659	43.364	0.000	1.378	14.591	
08-Jun-24 16:00:01	18.719	0.000	1.645	1.656	14.693	14.234	1213593.972	149.169	0.042785	11.884795	0	0	0.001997	0.5546964	38.951	0.000	1.645	30.479	
08-Jun-24 17:00:01	22.826	0.000	1.361	1.381	5.484	14.200	1193532.227	143.762	0.051262	14.239432	0	0	0.001625	0.4513656	47.189	0.000	1.361	11.250	
08-Jun-24 18:00:01	21.238	0.000	1.556	1.565	10.624	14.269	1212025.148	143.259	0.048428	13.452167	0	0	0.001888	0.5244979	44.353	0.000	1.556	22.180	
08-Jun-24 19:00:01	18.413	0.000	1.526	1.534	13.523	14.121	1176975.098	148.353	0.040738	11.316019	0	0	0.001794	0.4982689	37.617	0.000	1.526	27.609	
08-Jun-24 20:00:01	18.967	0.000	1.454	1.475	10.365	14.102	1247721.191	156.064	0.044571	12.380767	0	0	0.001814	0.5039937	38.590	0.000	1.454	21.157	
08-Jun-24 21:00:01	21.138	0.000	1.464	1.470	0.000	13.385	1786909.668	262.175	0.071035	19.732073	0	0	0.002597	0.7214880	38.952	0.000	1.464	0.000	
08-Jun-24 22:00:01	21.642	0.000	1.426	1.445	0.002	13.428	1584693.970	256.456	0.068595	19.054119	0	0	0.002402	0.6671668	40.130	0.000	1.426	0.095	
08-Jun-24 23:00:01	19.805	0.000	1.577	1.604	4.938	13.946	1513977.783	203.518	0.056412	15.670125	0	0	0.002388	0.6633134	36.446	0.000	1.577	9.540	
09-Jun-24 00:00:01	19.037	0.000	1.668	1.672	9.948	14.041	1414608.398	183.995	0.051463	14.295304	0	0	0.002340	0.6015485	39.056	0.000	1.668	20.267	
09-Jun-24 01:00:01	19.888	0.000	1.525	1.534	4.960	13.945	1327287.988	175.702	0.049613	13.781388	0	0	0.002025	0.5624234	38.591	0.000	1.525	9.641	
09-Jun-24 02:00:01	21.228	0.000	1.515	1.534	0.000	13.393	1695932.007	281.594	0.067734	18.814942	0	0	0.002569	0.7137332	39.190	0.000	1.515	0.000	
09-Jun-24 03:00:01	20.481	0.000	1.490	1.521	0.000	13.395	1689352.295	281.050	0.065098	18.082266	0	0	0.002516	0.6993087	37.818	0.000	1.490	0.000	
09-Jun-24 04:00:01	20.910	0.000	1.491	1.510	0.000	13.374	1744240.479	282.947	0.068618	19.060526	0	0	0.002601	0.7224457	38.508	0.000	1.491	0.000	
09-Jun-24 05:00:01	20.833	0.000	1.472	1.505	0.000	13.509	1593971.069	257.858	0.066394	18.442862	0	0	0.002403	0.6674294	39.054	0.000	1.472	0.000	
09-Jun-24 06:00:01	20.423	0.000	1.487	1.505	0.000	13.433	1707397.827	257.172	0.065609	18.223583	0	0	0.002539	0.7052517	37.910	0.000	1.487	0.000	
09-Jun-24 07:00:01	21.331	0.000	1.491	1.501	12.348	14.238	1193174.805	143.843	0.047889	13.301426	0	0	0.001779	0.4941581	44.321	0.000	1.491	25.503	
09-Jun-24 08:00:01	21.003	0.000	1.561	1.569	12.365	14.245	1201922.485	144.243	0.047494	13.192682	0	0	0.001865	0.5179539	43.695	0.000	1.561	25.684	
09-Jun-24 09:00:01	22.216	0.000	1.450	1.470	10.646	14.255	1163957.276	142.833	0.049485	13.749631	0	0	0.001716	0.4767111	46.263	0.000	1.450	22.148	
09-Jun-24 10:00:01	21.475	0.000	1.805	1.573	12.548	14.281	1190833.472	142.450	0.048118	13.366618	0	0	0.002151	0.5974222	44.675	0.000	1.805	26.377	
09-Jun-24 11:00:01	21.915	0.000	1.885	1.891	13.127	14.280	1173610.059	142.477	0.048176	13.382221	0	0	0.002213	0.6145646	45.605	0.000	1.885	27.618	
09-Jun-24 12:00:01	22.061	0.000	1.861	1.864	10.728	14.283	1162133.179	143.661	0.048236	13.398763	0	0	0.002162	0.6006576	46.016	0.000	1.861	22.328	
09-Jun-24 13:00:01	21.048	0.000	1.806	1.822	10.676	14.270	1191348.313	144.585	0.047176	13.104525	0	0	0.002152	0.5977796	43.957	0.000	1.806	22.233	
09-Jun-24 14:00:01	20.988	0.000	1.956	2.019	13.909	14.313	1193840.161	143.178	0.046236	12.843399	0	0	0.002338	0.6493772	43.301	0.000	1.956	29.338	
09-Jun-24 15:00:01	21.516	0.000	1.794	1.815	9.685	14.251	1186130.464	142.871	0.048179	13.383000	0	0	0.002133	0.5924881	44.842	0.000	1.794	20.002	
09-Jun-24 16:00:01	21.056	0.000	1.741	1.781	13.097	14.285	1201511.475	143.439	0.047585	13.218027	0	0	0.002091	0.5809087	44.071	0.000	1.741	27.475	
09-Jun-24 17:00:01	21.296	0.000	1.736	1.787	12.037	14.289	1152501.709	142.224	0.046177	12.826884	0	0	0.002001	0.5558536	44.604	0.000	1.736	25.457	
09-Jun-24 18:00:01	24.672	0.000	1.841	1.871	0.019	13.463	1738144.043	257.669	0.080682	22.411806	0	0	0.003209	0.8890037	45.954	0.000	1.841	0.036	
09-Jun-24 19:00:01	21.661	0.000	1.766	1.791	2.059	13.960	1569977.734	225.494	0.063572	17.658850	0	0	0.002754	0.7651117	42.899	0.000	1.766	4.081	
09-Jun-24 20:00:01	21.387	0.000	1.644	1.659	0.000	13.331	1677689.312	257.093	0.067441	18.733800	0	0	0.002758	0.7661585	39.130	0.000	1.644	0.000	
09-Jun-24 21:00:01	21.348	0.000	1.681	1.685	0.000	13.348	1698868.500	258.089	0.068227	18.951871	0	0	0.002805	0.7791187	39.173	0.000	1.681	0.000	
09-Jun-24 22:00:01	18.849	0.000	1.300	1.318	10.288	14.111	1283245.117	181.165	0.045507	12.640962	0	0	0.001669	0.4635182	38.451	0.000	1.300	21.104	
09-Jun-24 23:00:01	20.895	0.000	1.678	1.695	0.000	13.481	1688292.969	252.602	0.066369	18.435904	0	0	0.002834	0.7871549	39.032	0.000	1.678	0.000	
10-Jun-24 00:00:01	21.093	0.000	1.771	1.786	10.977	14.249	1233493.652	142.890	0.048950	13.597207	0	0	0.002185	0.6068708	43.905	0.000	1.771	22.994	
10-Jun-24 01:00:01	20.650	0.000	1.771	1.795	3.562	13.934	1464512.451	195.057	0.057447	15.957500	0	0	0.002594	0.7205500	41.460	0.000	1.771	7.387	
10-Jun-24 02:00:01	19.648	0.000	1.719	1.727	6.012	13.959	1486234.253	189.301	0.054660	15.183348	0	0	0.002555	0.7097918	39.016	0.000	1.719	11.932	
10-Jun-24 03:00:01	20.806	0.000	1.702	1.718	12.533	14.260	1176087.036	143.026	0.046030	12.786259	0	0	0.002002	0.5560566	43.400	0.000	1.702	26.496	
10-Jun-24 04:00:01	20.966	0.000	1.634	1.654	15.211	14.252	1201615.112	144.220	0.047452	13.181195	0	0	0.002204	0.6120921	43.731	0.000	1.634	31.723	
10-Jun-24 05:00:01	22.818	0.000	1.740	1.720	6.587	14.389	1185536.548	145.315	0.050896	14.137713	0	0	0.002063	0.5729474	48.450	0.000	1.740	12.444	
10-Jun-24 06:00:01	21.566	0.000	1.534	1.562	0.000	13.459	1686872.607	254.509	0.067774	18.826187	0	0	0.002580	0.7116100	40.205	0.000	1.534	0.000	
10-Jun-24 07:00:01	21.557	0.000	1.667	1.680	13.634	14.282	1158451.538	143.572	0.047202	13.111746	0	0	0.001931	0.5364230	45.321	0.000	1.667	28.574	
10-Jun-24 08:00:01	23.261	0.000	1.632	1.647	5.545	14.145	1213821.533	147.752	0.053120	14.755474	0	0	0.001981	0.5502682	47.667	0.000	1.632	11.176	
10-Jun-24 09:00:01	20.459	0.000	1.647	1.687	5.567	14.041	1453524.048	192.694	0.055949	15.541521	0	0	0.002394	0.6649406	41.292	0.000	1.647	11.133	
10-Jun-24 10:00:01	22.938	0.000	1.834	1.848	9.470	14.287	1197881.714	142.648	0.051896	14.159944	0	0	0.002197	0.6103018	47.889	0.000	1.834	19.613	
10-Jun-24 11:00:01	18.069	0.000	2.080	2.084	12.656	14.159	1413317.505	180.218	0.048047	13.348274	0	0	0.002946	0.8187274	37.175	0.000	2.080	26.096	
10-Jun-24 12:00:01	21.961	0.000	1.968	2.005	13.243	14.279	1200647.974	142.770	0.049962	13.875456	0	0	0.002484	0.6877811	45.699	0.000	1.968	27.783	
10-Jun-24 13:00:01	20.968	0.000	1.922	1.943	3.793	13.929	1503448.975	209.749	0.059305	16.473004	0	0	0.002889	0.8026109	41.648	0.000	1.922	7.534	
10-Jun-24 14:00:01	21.201	0.000	1.929	1.934	3.358	13.912	1558750.732	213.037	0.062173	17.270412	0	0	0.003003	0.8340649	42.048	0.000	1.929	6.584	
10-Jun-24 15:00:01	20.749	0.000	1.982	1.999	19.540	14.418	1242339.966	143.295	0.048496	13.471568	0	0	0.002462	0.6838677	44.415	0.000	1.982	41.237	
10-Jun-24 16:00:01	20.002	0.000	1.909	1.919	14.247	14.177	1166493.164	145.161	0.045138	12.538719	0	0	0.002280	0.6356692	41.159	0.000	1.909	29.798	
10-Jun-24 17:00:01	21.632	0.000	1.882	1.897	13.519	14.280	1232126.616	142.745	0.050144	13.929017	0	0	0.002296	0.6374295	45.200	0.000	1.882	28.156	
10-Jun-24 18:00:01	21.969	0.000	1.925	1.939	11.062	14.139	1179140.381	142.044	0.049736	13.637785	0	0	0.002279	0.6308126	45.057	0.000	1.925	23.968	
10-Jun-24 19:00:01	19.952	0.000	1.921	1.949	9.747	14.106	1411659.302	189.974	0.052990	14.719632	0	0	0.002711	0.7531574	40.661	0.000	1.921	19.837	
10-Jun-24 20:00:01	22.214	0.000	1.711	1.729	10.635	14.284	1162827.490	139.338	0.049438	13.732709	0	0	0.002024	0.5621690	46.481	0.000	1.711	22.029	
10-Jun-24 21:00:01	21.630	0.000	1.883	1.912	12.315	14.274	1158454.224	141.598	0.047061	13.072418	0	0	0.002178	0.6049626	45.186	0.000	1.883	25.697	
10-Jun-24 22:00:01	21.593	0.000	1.691	1.618	14.141	14.288	1210024.638	142.454	0.049157	13.654632	0	0	0.002288	0.6356651	45.211	0.000	1.691	29.333	
10-Jun-24 23:00:01	21.421	0.000	1.855	1.859	14.496	14.288	1092017.090	141.617	0.044011	12.225147	0	0	0.002038	0.5660187	44.659	0.000	1.855	28.602	
11-Jun-24 00:00:01	19.566	0.000	1.642	1.656	7.216	13.942	1423245.483	193.523	0.052391	14.552067	0	0	0.002337	0.6490750	38.949	0.000	1.642	14.588	

Site Name: GULF GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-24 01:00:01	21.140	0.000	1.639	1.653	12.791	14.233	1132393.311	140.915	0.045039	12.510817	0	0	0.001856	0.5156123	43.697	0.000	1.639	26.414	
11-Jun-24 02:00:01	21.379	0.000	1.837	1.847	12.176	14.302	1158651.440	142.894	0.046532	12.925450	0	0	0.002125	0.5903291	44.193	0.000	1.837	26.363	
11-Jun-24 03:00:01	20.632	0.000	1.829	1.857	12.533	14.217	1133765.137	143.434	0.044009	12.224841	0	0	0.002074	0.5760430	42.750	0.000	1.829	26.219	
11-Jun-24 04:00:01	20.564	0.000	1.797	1.815	14.324	14.235	1120980.356	142.306	0.043412	12.058882	0	0	0.002014	0.5596342	42.765	0.000	1.797	29.662	
11-Jun-24 05:00:01	19.906	0.000	1.863	1.879	16.633	14.241	1145361.318	142.795	0.042808	11.916110	0	0	0.002134	0.5928066	41.369	0.000	1.863	35.185	
11-Jun-24 06:00:01	21.036	0.000	1.737	1.760	12.633	14.221	1205475.586	143.949	0.047817	13.226885	0	0	0.002090	0.5805295	43.567	0.000	1.737	26.110	
11-Jun-24 07:00:01	20.529	0.000	1.648	1.663	12.892	14.227	1137584.717	143.106	0.043937	12.204851	0	0	0.001874	0.5206232	42.586	0.000	1.648	26.798	
11-Jun-24 08:00:01	20.710	0.000	1.801	1.822	14.937	14.252	1142779.419	142.288	0.044527	12.368474	0	0	0.002058	0.5717418	43.131	0.000	1.801	30.928	
11-Jun-24 09:00:01	21.565	0.000	1.583	1.594	11.661	14.231	1173214.600	142.738	0.047846	13.235138	0	0	0.001857	0.5158135	44.814	0.000	1.583	24.369	
11-Jun-24 10:00:01	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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12-Jun-24 20:00:01	22.800	0.000	1.494	1.505	0.111	13.250	1458828.904	218.828	0.063908	17.582087	0	0	0.002104	0.5693816	41.302	0.000	1.494	0.148	
12-Jun-24 21:00:01	21.959	0.000	1.677	1.705	0.000	13.309	1754831.177	250.597	0.072532	20.147771	0	0	0.002942	0.8172285	40.100	0.000	1.677	0.000	
12-Jun-24 22:00:01	22.300	0.000	1.640	1.631	5.916	14.120	1185762.573	144.154	0.048975	13.604119	0	0	0.001912	0.5311572	45.539	0.000	1.640	12.100	
12-Jun-24 23:00:01	21.883	0.000	1.738	1.753	8.871	14.157	1206820.068	147.844	0.049084	13.601239	0	0	0.002097	0.5824546	44.960	0.000	1.738	18.313	
13-Jun-24 00:00:01	20.009	0.000	1.712	1.727	14.791	14.146	1183591.675	162.182	0.044556	12.376087	0	0	0.002027	0.5629083	41.022	0.000	1.712	30.226	
13-Jun-24 01:00:01	22.108	0.000	1.818	1.827	7.484	14.149	1182270.608	146.737	0.049600	13.775043	0	0	0.001929	0.5358370	45.344	0.000	1.818	15.433	
13-Jun-24 02:00:01	21.49193655	0	1.677277327	1.697962999	9.34310637	14.1860323	1183749.023	148.399	0.047864	13.296692	0	0	0.001985	0.5515209	44.32437897	0	1.677277327	19.29680443	
13-Jun-24 03:00:01	20.84931046	0	1.624973583	1.646933603	11.45290625	14.19063891	1187093.994	148.419	0.045780	12.716663	0	0	0.002130	0.5916433	43.04232467	0	1.624973583	23.50702326	
13-Jun-24 04:00:01	21.66837605	0	1.591523671	1.687384009	10.19896337	14.18707706	1236865.498	161.736	0.050452	14.014344	0	0	0.002092	0.5811725	44.56674820	0	1.591523671	20.97163391	
13-Jun-24 05:00:01	20.78162148	0	1.738508369	1.766519996	12.17171784	14.18941932	1172331.906	142.046	0.045782	12.720035	0	0	0.002036	0.5654960	42.71781158	0	1.738508369	25.02798745	
13-Jun-24 06:00:01	21.65485625	0	1.773794889	1.794744849	9.171171188	14.13000965	1203916.927	142.925	0.049872	13.831617	0	0	0.002135	0.5931842	44.53084168	0	1.773794889	18.49748039	
13-Jun-24 07:00:01	20.92110467	0	1.647097468	1.656290899	10.06890067	14.15758197	1237833.423	147.774	0.048715	13.532814	0	0	0.002039	0.5662305	43.09244954	0	1.647097468	20.75327873	
13-Jun-24 08:00:01	21.02498436	0	1.44237113	1.463559164	10.21873883	14.16029387	1183834.563	147.906	0.046830	13.008440	0	0	0.001708	0.4743376	43.42276847	0	1.44237113	21.14619296	
13-Jun-24 09:00:01	21.5261097	0	1.598506451	1.600317359	10.43076915	14.26129431	1195642.289	148.629	0.048430	13.452900	0	0	0.001912	0.5309863	44.92340970	0	1.598506451	21.70567513	
13-Jun-24 10:00:01	23.11968313	0	1.540191117	1.583747287	6.273302565	14.15528703	1177107.056	146.807	0.051201	14.222185	0	0	0.001824	0.5066455	47.54381725	0	1.540191117	12.90098823	
13-Jun-24 11:00:01	21.58525124	0	1.669260902	1.686403871	9.49711698	14.20091253	1209452.148	145.602	0.049344	13.706590	0	0	0.002018	0.5606030	45.39330292	0	1.669260902	19.9941808	
13-Jun-24 12:00:01	21.91835648	0	1.616402687	1.635847443	8.538206961	14.25279236	1162617.584	148.586	0.047843	13.317483	0	0	0.001878	0.5215964	45.6489544	0	1.616402687	17.91843186	
13-Jun-24 13:00:01	22.38447762	0	1.786122066	1.764432689	7.634130673	14.21462427	1193601.929	147.285	0.050225	13.951437	0	0	0.002093	0.5814339	46.37694631	0	1.786122066	15.6049752	
13-Jun-24 14:00:02	23.18845062	0	1.521402369	1.506314874	1.573313832	14.05293179	1332186.161	163.898	0.058042	16.122618	0	0	0.002027	0.5629844	46.84054885	0	1.521402369	3.11169872	
13-Jun-24 15:00:02	23.44008268	0	1.770072599	1.760597558	3.286727283	14.11206101	1225462.646	144.976	0.054087	15.024191	0	0	0.002171	0.6030358	47.8040687	0	1.770072599	6.401782486	
13-Jun-24 16:00:02	21.72492406	0	1.678711534	1.686874032	7.495575906	14.24923897	1250983.544	147.304	0.051131	14.203193	0	0	0.002100	0.5833441	45.2443426	0	1.678711534	15.75691806	
13-Jun-24 17:00:02	21.73568753	0	1.743807679	1.759148121	8.72232301	14.23622608	1247430.176	148.277	0.051012	14.170056	0	0	0.002175	0.6041747	45.15118408	0	1.743807679	18.31188075	
13-Jun-24 18:00:02	21.30989565	0	1.778918147	1.791858785	8.747648239	14.24436253	1199914.597	147.884	0.048103	13.362078	0	0	0.002134	0.5928611	44.33759476	0	1.778918147	18.07078362	
13-Jun-24 19:00:02	24.44031961	0	1.779122829	1.789924284	0.007118486	13.68042366	1631129.272	248.908	0.075001	20.833700	0	0	0.002902	0.8061054	46.78343103	0	1.779122829	0.0153157181	
13-Jun-24 20:00:02	21.3631358	0	1.641733548	1.656580639	0	13.87997627	1646958.384	280.385	0.067192	18.664525	0	0	0.002781	0.7725125	38.84450531	0	1.641733548	0	
13-Jun-24 21:00:02	21.34783799	0	1.557909687	1.600221753	0	13.38044479	1773675.562	283.689	0.071232	19.786727	0	0	0.002763	0.7675340	38.18577139	0	1.557909687	0	
13-Jun-24 22:00:02	20.36645271	0	1.58567265	1.611583607	0	13.78381233	1792248.580	282.272	0.068674	19.076111	0	0	0.002542	0.7065206	37.44858863	0	1.58567265	0	
13-Jun-24 23:00:02	20.47534561	0	1.64479604	1.665020833	0	13.35986868	1785291.504	283.302	0.068841	18.900361	0	0	0.002905	0.8069960	37.8147906	0	1.64479604	0	
14-Jun-24 00:00:02	19.95804506	0	1.644780756	1.643006471	0	13.3828149	1711176.27	258.678	0.064253	17.847987	0	0	0.002815	0.7818063	36.56434143	0	1.644780756	0	
14-Jun-24 01:00:02	20.47714424	0	1.809725808	1.803989692	3.558689743	13.89326253	1455987.940	203.780	0.058481	15.866606	0	0	0.002781	0.7725406	40.41220474	0	1.809725808	7.03766293	
14-Jun-24 02:00:02	20.89493179	0	1.631904483	1.659436454	9.957549096	14.16456036	1193231.445	159.284	0.046908	13.029031	0	0	0.001947	0.5408609	42.97247506	0	1.631904483	20.45140467	
14-Jun-24 03:00:02	20.75008392	0	1.893478155	1.901913643	12.02366638	14.1963302	1172471.802	145.753	0.045772	12.714484	0	0	0.002220	0.6166605	42.84734726	0	1.893478155	24.89414787	
14-Jun-24 04:00:02	21.1814537	0	1.629458142	1.63169239	7.210988522	14.01576233	1205038.880	152.623	0.048021	13.339275	0	0	0.001962	0.5450874	42.61198425	0	1.629458142	14.8256064	
14-Jun-24 05:00:02	21.43189539	0	1.61422646	1.624019504	2.242274284	13.83868122	1409438.596	193.298	0.056833	15.787064	0	0	0.002275	0.6320088	42.04930878	0	1.61422646	4.398874488	
14-Jun-24 06:00:02	19.64277077	0	1.719389558	1.736192689	0	13.41701603	1705479.004	261.711	0.062842	17.456231	0	0	0.002924	0.8121627	36.37751007	0	1.719389558	0	
14-Jun-24 07:00:02	21.11376046	0	1.553069234	1.571286321	8.989922096	14.17759323	1168183.96	147.731	0.045404	12.890005	0	0	0.001814	0.5038640	43.48872767	0	1.553069234	18.50296293	
14-Jun-24 08:00:02	23.17309946	0	1.466409886	1.459880429	3.620557015	14.04545118	1256033.325	159.121	0.054847	15.235334	0	0	0.001637	0.5103457	45.62023239	0	1.466409886	7.448433604	

Site Name: GULF OUT
Stack Name: HRSG STACK#2
Periodically: 01/01/2024 00:00-30/06/2024 23:59

Date & Time	Actual Operation Condition NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 0 ATM 25C	GUT12_LOAD	Emission Loading NOx Ton	(g/s)	SOx Ton	(g/s)	Dust Ton	(g/s)	Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SO2@7%O2	HRSG11_Dust (7%)O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/h	MW							ppm	ppm	mg/m3	ppm	
1-Jun-24 00:00:00	23.09214007	0	1.156923427	1.107898031	8.290179001	14.31029748	1176312.059	148.206	0.848802	13.583987	0	0	0.061097	0.9547822	45.75135271	0	1.594420437	18.93101005	
1-Jun-24 01:00:00	22.85001028	0	1.85303022	1.598231187	8.449420518	14.26220005	1181118.204	147.164	0.850902	14.387459	0	0	0.061939	0.9391179	46.92020942	0	1.6303022	17.42011470	
1-Jun-24 02:00:00	21.8500177	0	1.517241830	1.332641037	8.303637931	14.31025421	1182448.836	147.139	0.848887	13.537931	0	0	0.061818	0.9260932	44.81812537	0	1.517241858	14.39445381	
1-Jun-24 03:00:00	23.35793058	0	1.268714005	1.334675592	7.436151202	14.08135045	1297424.863	173.139	0.867038	15.843017	0	0	0.061948	0.4572365	47.27145814	0	1.268714000	4.929622158	
1-Jun-24 04:00:00	19.74257148	0	1.628000755	1.500281921	7.416835842	14.03379002	1297170.196	162.426	0.867000	13.324521	0	0	0.062103	0.5126000	40.20920701	0	1.628000738	16.12109815	
1-Jun-24 05:00:00	22.44958306	0	1.421239667	1.302415855	5.908941815	14.18732645	1190750.604	148.918	0.850547	14.040309	0	0	0.061785	0.4037381	42.30514145	0	1.421239667	11.49159431	
1-Jun-24 06:00:00	21.56303231	0	1.532408625	1.540202377	5.210594158	14.24184515	1208492.505	148.531	0.850594	14.028788	0	0	0.061888	0.5117881	43.50455003	0	1.532408625	16.08701515	
1-Jun-24 07:00:00	21.84904039	0	1.492188705	1.309431539	5.611631868	14.23977831	1188894.238	147.999	0.847661	13.239658	0	0	0.061771	0.4918429	43.11130109	0	1.492188705	11.49159431	
1-Jun-24 08:00:00	19.67458021	0	1.395408206	1.180622127	5.145617127	14.35611748	1143.156	142.351	0.842727	11.742891	0	0	0.061820	0.3658583	41.38114007	0	1.395408203	41.79277039	
1-Jun-24 09:00:00	22.33597435	0	1.458611839	1.488772869	0	13.45306825	1216817.261	293.300	0.872147	29.940895	0	0	0.062305	0.8957803	41.20393026	0	1.458611839	0	
1-Jun-24 10:00:00	22.65004487	0	1.472820067	1.489591839	0	13.3043814	1213734.741	292.950	0.872895	29.241339	0	0	0.062524	0.7811178	41.7920054	0	1.472820067	0	
1-Jun-24 11:00:00	21.20034998	0	1.458110004	1.359424418	0	13.3306451	1214736.104	291.798	0.868855	29.079043	0	0	0.062509	0.7966294	39.2865213	0	1.458110004	0	
1-Jun-24 12:00:00	21.89395993	0	1.458105993	1.472129998	0	13.37009206	1214845.158	291.256	0.870870	29.059857	0	0	0.062542	0.7969294	39.74220813	0	1.458105993	0	
1-Jun-24 13:00:00	20.93091431	0	1.494102836	1.503126756	0	13.35877482	1207147.845	291.931	0.870790	29.063813	0	0	0.062789	0.7900188	38.51701568	0	1.494102836	0	
1-Jun-24 14:00:00	21.13299102	0	1.453778001	1.446582408	0	13.56305408	1190671.783	292.900	0.867639	18.783562	0	0	0.062437	0.6708579	38.60209487	0	1.453778001	0	
1-Jun-24 15:00:00	20.01135858	0	1.484510431	1.300628152	0	13.41434001	1215721.736	296.024	0.872078	18.775275	0	0	0.062512	0.6126788	37.0287323	0	1.484510431	0	
1-Jun-24 16:00:00	20.19481994	0	1.456334954	1.473199588	0	13.31651391	1195441.845	294.570	0.864862	17.097261	0	0	0.062408	0.5939751	37.05300549	0	1.456334954	0	
1-Jun-24 17:00:00	20.7922286	0	1.452520984	1.470005737	0	13.37600782	1208402.783	292.993	0.866437	18.454819	0	0	0.062471	0.8804337	38.22143173	0	1.452520984	0	
1-Jun-24 18:00:00	20.54379080	0	1.429075592	1.445524187	0	13.37455305	1213.5972	293.233	0.868788	18.492727	0	0	0.062503	0.7809490	37.83346176	0	1.429075592	0	
1-Jun-24 19:00:00	19.86117837	0	1.482605041	1.507132051	0	13.42242245	1205493.799	294.020	0.866292	17.847782	0	0	0.062587	0.7187309	38.43732455	0	1.482605041	0	
1-Jun-24 20:00:00	19.83508717	0	1.4850986	1.521716982	0	13.35986267	1212875.356	294.487	0.862034	17.759485	0	0	0.062644	0.7000008	38.43503263	0	1.4850986	0	
1-Jun-24 21:00:00	19.23058855	0	1.580033774	1.500537669	0	13.36999243	1214689.468	294.211	0.863185	17.551309	0	0	0.062785	0.7881115	35.34160107	0	1.580033774	0	
1-Jun-24 22:00:00	19.85042107	0	1.292736000	1.540841555	0.947003991	13.31116324	1212.5918	294.515	0.863671	12.918717	0	0	0.061965	0.5108212	37.50362032	0	1.292736000	18.27019141	
1-Jun-24 23:00:00	21.04725647	0	1.520555828	1.519801401	0	13.3850885	1204437.012	291.093	0.867000	18.302919	0	0	0.062005	0.7235000	38.78706436	0	1.520555828	0	
1-Jun-24 00:00:00	19.8387923	0	1.398807929	1.324584302	12.23886479	14.23121643	1134740.382	173.820	0.847758	13.280874	0	0	0.062152	0.6010078	39.11251068	0	1.398807929	25.32907118	
1-Jun-24 01:00:00	21.7130533	0	1.470769401	1.500570195	1.065401	14.38270064	1201533.325	145.123	0.849220	13.672196	0	0	0.062179	0.4025517	40.42455931	0	1.470769401	3.196401	
1-Jun-24 02:00:00	21.25622778	0	1.439878210	1.439579637	8.879807295	14.00172931	1184331.256	148.000	0.850161	14.066606	0	0	0.062225	0.6185456	41.28304225	0	1.439878210	7.344342763	
1-Jun-24 03:00:00	21.85210073	0	1.474461199	1.463302712	10.84954168	14.29020638	1177527.456	143.629	0.847625	13.201219	0	0	0.061738	0.4828529	44.09197588	0	1.474461199	22.95323357	
1-Jun-24 04:00:00	22.4541037	0	1.429242154	1.445861790	0	13.41785335	1175445.517	283.494	0.875474	20.715052	0	0	0.062323	0.7903252	41.61132431	0	1.429242154	0	
1-Jun-24 05:00:00	23.03153829	0	1.330183829	1.392184002	0	13.41716795	1180866.42	284.247	0.876666	21.098982	0	0	0.062180	0.8501160	43.72148821	0	1.330183829	0	
1-Jun-24 06:00:00	23.33336161	0	1.333361612	1.343523502	0	13.36260209	1204773.96	292.385	0.873635	20.537397	0	0	0.062290	0.6369017	43.07002875	0	1.333361612	0	
1-Jun-24 07:00:00	23.6216335	0	1.326978817	1.408503358	0	13.40820607	1198818.38	293.188	0.875692	21.025591	0	0	0.062373	0.6159629	43.82435848	0	1.326978817	0	
1-Jun-24 08:00:00	23.17002	0	1.392000574	1.369244315	0.040048346	13.49254636	1187282.936	297.938	0.877785	21.609969	0	0	0.063328	0.6496578	43.25351525	0	1.392000574	0	
1-Jun-24 09:00:00	23.4313604	0	1.431780014	1.493782003	6.776174845	14.21121643	1182337.846	199.615	0.849218	13.689922	0	0	0.063284	0.5139993	38.82011357	0	1.431780014	16.79188332	
1-Jun-24 10:00:00	22.73430025	0	1.397230890	1.421674898	0	13.80437317	1178742.758	262.029	0.873515	20.420785	0	0	0.062402	0.6078845	40.94157936	0	1.397230890	0	
1-Jun-24 11:00:00	22.76048329	0	1.267911792	1.285072389	0	13.3818812	1184514.38	258.450	0.872829	20.174649	0	0	0.062149	0.5056383	41.92134448	0	1.267911792	0	
1-Jun-24 12:00:00	22.25081307	0	1.217505743	1.235331771	0	13.3347131	1187576.234	263.975	0.874775	20.711668	0	0	0.062173	0.5047372	40.68177121	0	1.217505743	0	
1-Jun-24 13:00:00	21.25622778	0	1.3850245	1.371297564	0	13.34027481	1176443.848	262.304	0.868652	19.878126	0	0	0.062358	0.6496559	38.09277007	0	1.3850245	0	
1-Jun-24 14:00:00	21.50438857	0	1.348972983	1.3446033	0	13.44692974	1181573.317	253.472	0.856808	18.657697	0	0	0.062214	0.8136100	39.072425	0	1.348972983	0	
1-Jun-24 15:00:00	21.04784121	0	1.448853171	1.473356219	0	13.37170081	1203044.849	280.835	0.867133	18.763809	0	0	0.062490	0.6832074	38.76575481	0	1.448853171	0	
1-Jun-24 16:00:00	21.31160207	0	1.351139860	1.374026536	0	13.32631061	1203462.051	284.530	0.869324	18.816010	0	0	0.062370	0.5352605	39.01250098	0	1.351139860	0	
1-Jun-24 17:00:00	21.30807498	0	1.435953339	1.441172581	0	13.35336071	1219972.185	281.247	0.869344	19.262252	0	0	0.062483	0.6996183	39.13565448	0	1.435953339	0	
1-Jun-24 18:00:00	20.90618608	0	1.393578887	1.406505764	0	13.35137035	1213947.51	284.487	0.867635	18.781806	0	0	0.062387	0.6650007	38.40205847	0	1.393578887	0	
1-Jun-24 19:00:00	21.18475821	0	1.611334377	1.626140237	8.554503332	14.25323864	1431141.968	195.578	0.849783	13.829004	0	0	0.062707	0.5496001	37.35854371	0	1.611334377	17.00049782	
1-Jun-24 20:00:00	21.90427291	0	1.190127292	1.204540241	9.073170825	14.21251878	1181788.043	147.985	0.847781	13.272531	0	0	0.061774	0.4828214	44.10008638	0	1.190127291	28.38214829	
1-Jun-24 21:00:00	18.13039425	0	1.759192944	1.785390237	20.15613854	14.24345493	1367305.456	198.048	0.843038	12.262798	0	0	0.062286	0.6283349	37.71677300	0	1.759192944	45.82373224	
1-Jun-24 22:00:00	22.38476181	0	1.548909753	1.587472716	7.731789112	14.16954781	1187382.936	247.938	0.877785	21.609969	0	0	0.063328	0.6496578	43.98587790	0	1.548909753	18.13102749	
1-Jun-24 23:00:00	21.8484533	0	1.453731054	1.488741964	8.798435981	14.22986425	1177774.17	144.038	0.843874	13.478827	0	0	0.061746	0.4850915	41.48273704	0	1.453731054	20.05218245	
1-Jun-24 00:00:00	21.14044762	0	1.811400192	1.852589398	13.85791917	14.29781032	1148033.569	143.845	0.845582	12.081682	0	0	0.061918	0.5231000	43.34030151	0	1.811400192	28.90582481	
1-Jun-24 10:00:00	21.32647324	0	1.390384912	1.403061108	12.54191518	14.29208062	1201103.94	142.603	0.849165	13.357442	0	0	0.061878	0.4820112	44.78253909	0	1.390384912	29.08337293	
1-Jun-24 11:00:00	21.87829685	0	1.468517671	1.476801756	12.20959949	14.3201333	1180064.191	140.826	0.847318	13.143450	0	0	0.061902	0.4780058	45.5102272	0	1.468517671	25.32907111	
1-Jun-24 12:00:00	21.40359445	0	1.385024395	1.388584433	13.13282512	14.30462062	1177663.984	140.376	0.847347	13.151659	0	0	0.061818	0.4484035	44.94208125	0	1.385024395	27.41781538	
1-Jun-24 13:00:00	21.57809203	0	1.385014123	1.379169301	12.81988404	14.31845079	1189252.985	145.520	0.848848	13.513301	0	0	0.061837	0.4548788	45.3931734	0	1.385014123	28.91456841	
1-Jun-24 14:00:00	21.38912048	0	1.244343519	1.260620713	2.998795271	14.01693334	1453459.014	194.763	0.858835	16.543789	0	0	0.061821	0.5858064	43.05703879	0	1.244343519	8.187790169	
1-Jun-24 15:00:00	23.96300336	0	1.117489477	1.129164491	0	13.40971756	1257149.581	291.803	0.874645	20.790991	0	0	0.061608	0.6336762	42.53144293	0	1.117489477	0	
1-Jun-24 16:00:00	23.90607721	0	1.173991158	1.189306977	0	13.39111328	1279572.785	289.969	0.880938	22.233189	0	0	0.062084	0.5790188	44.20407104	0	1.173991158	0	
1-Jun-24 17:00:00	23.63372917	0	1.137530656	1.151139479	0	13.41201261	1218311.182	292.560	0.878375	21.215227	0	0	0.062021	0.5612948	43.7583013	0	1.137530656	0	
1-Jun-24 18:00:00	23.04224208	0	1.291810118	1.291420927	0	13.35461924	1228917.749	293.725	0.874317	20.782431	0	0	0.062139	0.5191907	42.50185442	0	1.291810118	0	
1-Jun-24 19:00:00	23.14180138	0	1.200020203	1.219283	0	13.45662575	1174578.198	291.105	0.879506	21.112893	0	0	0.062095	0.5120071	42.75204445	0	1.200020203	0	
1-Jun-24 20:00:00	22.53370867	0	1.018477844	1.030384715	0	13.40599482	1173155.919	290.758	0.879933	18.723294	0	0	0.061708	0.4738181	41.58515878	0	1.018477844	0	
1-Jun-24 21:00:00	22.38303021	0	1.171680195	1.185248613	0	13.3846104	1172990.008	293.649	0.872865	20.273729	0	0	0.062930	0.5638818	41.34843445	0	1.171680195	0	
1-Jun-24 22:00:00	21.7348817	0	1.108660286	1.113726978	0	13.33147963	1172.9423	294.142	0.871227	19.793256	0	0	0.061934	0.5350351	40.73891183	0	1.108660286	0	
1-Jun-24 23:00:00	21.54318237	0	1.301339961	1.322040757	0	13.38389987	1197445.357	294.595	0.868799	19.110945	0	0	0.062249	0.6135511	39.72892571	0	1.301339961	0	
1-Jun-24 00:00:00	21.79713849	0	1.457617064	1.473045886	0.029489648	13.44509962	1187232.412	290.676	0.868957	19.102903	0	0	0.062451	0.6686405	40.61847079	0	1.457617064	0.072260833	
1-Jun-24 01:00:00	20.64481354	0	1.200431953	1.224020084	3.492016383	13.52311142	1633542.236	233.413	0.882448	17.624546	0	0	0.061963	0.5536358	38.78772274	0	1.200431953	0.778262604	
1-Jun-24 02:00:00	20.19548055	0	1.127713845	1.134146483	14.59179014	14.25818804	1113748.315	148.069	0.842753	11.739938	0	0	0.061258	0.3458553	42.23132021	0	1.127713845	16.47143279	
1-Jun-24 03:00:00	21.55949783	0	1.451397168	1.465332111	9.477859012	14.15205182	1174887.096	144.239	0.847638	13.237087	0	0	0.061717	0.4700005	44.22995875	0	1.451397168	16.47143279	
1-Jun-24 04:00:00	21.61841312	0	1.237856928	1.250424352	10.25475192	14.17006331	1153300.682	143.925	0.846359	13.015319	0	0	0.061426	0.3691905	44.89101471	0	1.237856928	20.28287733	
1-Jun-24 05:00:00	20.78937342	0	1.112131188	1.149847317	13.02107811	14.20127392	1159016.433	144.143	0.845287	12.579671	0	0	0.061258	0.3580461	42.00243426	0	1.112131188	28.1242053	
1-Jun-24 06:00:00	21.14513123	0	1.114513123	1.119468289	11.68836967	14.1918725	1164.9344	143.693	0.844827	12.229788	0	0	0.061284	0.3611411	43.75729782	0	1.114513123	23.82158858	
1-Jun-24 07:00:00	21.65929495	0	1.365248687	1.376609791	13.78333978	14.31984196	1177158.791	143.716	0.845746	12.797242	0	0	0.061809	0.4405457	42.53751978	0	1.365248687	29.00109298	
1-Jun-24 08:00:00	22.65879206	0	1.180835005	1.191209439	8.601419267	14.10582201	1198475.357	142.385	0.848309	13.694543	0	0	0.061266	0.3793337	46.22348505	0	1.180835005	13.23984003	
1-Jun-24 09:00:00	19.8550294	0	1.429986000	1.324103906	20.04102671	14.18252482	1084790.43	139.475	0.849926	11.379675	0	0	0.061969	0.4347984	43.18094354	0	1.429986000	56.54298483	
1-Jun-24 10:00:00	20.56409481	0	1.775585058	1.779144405	13.7621994	14.23509069	1129094.942	142.273	0.843978	12.194896	0	0	0.062000	0.5550030	42.67718201	0	1.775585058	28.87005312	
1-Jun-24 11:00:00	21.4128497	0	1.882293217	1.882580339	11.00821242	14.27826118	1141148.163	142.691	0.846228	12.841161	0	0	0.062140	0.5843726	44.15860237	0	1.882293217	24.30353116	
1-Jun-24 12:00:00	20.96558779	0	1.834225469	1.902446177	13.22562204	14.28209115	1160484.781	142.410	0.846138	12.410189	0	0	0.062258	0.5074136	43.06555721	0	1.834225469	27.89798414	
1-Jun-24 13:00:00	21.5452514	0	2.245005693	2.049225791	3.985805005	13.99819849	1174254.282	275.143	0.858309	14.221816	0	0	0.063218	0.5842712	39.53033879	0	2.245005693	7.151185928	
1-Jun-24 14:00:00	21.2931088	0	1.835383829	1.899081194	11.40637725	14.28996899	1179878.457	149.342	0.847160	13.053771	0	0	0.062158	0.6818086	44.0928887	0	1.835383829	25.89156593	
1-Jun-24 15:00:00	21.54828514	0	1.931101799	1.952064123	11.04156471	14.27812712	1181958.542	143.325	0.848303	13.417451	0	0	0.062361	0.8381705	45.03802007	0	1.931101799	23.16543075	
1-Jun-24 16:00:00	20.98420585	0	1.600202131	1.612653405	10.86400000	14.29322113	1110807.739	143.455	0.845301	11.808853	0	0	0.062187	0.8074577	43.61545485	0	1.600202131	22.42183156	

Site Name: GULF OUT
Stack Name: HRSG STACK#2
Periodically: 01/01/2024 00:00-30/06/2024 23:59

Date & Time	Actual Operation Condition NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 0 ATM 25C	GUT12_LOAD	Emission Loading NOx Ton	(g/s)	SOx Ton	(g/s)	Dust Ton	(g/s)	Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SO2@7%O2	HRSG11_Dust (7%)O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/h	MW							ppm	ppm	mg/m3	ppm	
17-Jun-24 17:00:00	31.23089487	0	1.923405938	2.003141165	12.24030018	14.23493234	1179183.472	142.687	0.847121	13.888113	0	0	0.062351	0.4829439	44.73847198	0	1.923405938	26.19854748	
17-Jun-24 18:00:00	29.45223931	0	2.212094248	2.037153764	14.36924391	14.3152215	1233394.776	142.738	0.848713	12.915729	0	0	0.062441	0.8731029	42.9510531	0	2.012043048	30.16213786	
17-Jun-24 19:00:00	30.18868227	0	1.657618209	1.654805947	4.108318813	13.80433253	1577081.309	215.049	0.859517	18.021291	0	0	0.062353	0.7174453	39.82455114	0	1.657618209	6.279586615	
17-Jun-24 20:00:00	31.35630341	0	1.755303785	1.771169204	0	13.29797069	1178435.629	291.556	0.875992	19.389856	0	0	0.062182	0.5122159	44.58655114	0	1.755303785	0	
17-Jun-24 21:00:00	21.0259	0.000	1.587	1.597	0.000	13.380	1181756.548	292.518	0.888812	19.850018	0	0	0.062921	0.8114884	38.702	0.000	1.587	0.000	
17-Jun-24 22:00:00	20.804	0.000	1.621	1.633	16.385	14.260	1185317.871	189.855	0.845415	12.815232	0	0	0.062113	0.5868043	43.520	0.000	1.621	32.073	
17-Jun-24 23:00:00	19.981	0.000	1.741	1.768	10.024	14.058	1174922.242	201.798	0.852564	14.881182	0	0	0.062063	0.7118884	39.394	0.000	1.741	20.561	
18-Jun-24 00:00:00	22.923	0.000	1.828	1.813	3.206	13.975	1153908.741	192.585	0.849774	13.826195	0	0	0.062189	0.6695547	45.676	0.000	1.828	6.441	
18-Jun-24 01:00:00	20.754	0.000	2.104	2.117	3.947	13.912	1087456.009	195.379	0.854261	15.055769	0	0	0.062929	0.8110771	41.145	0.000	2.104	7.537	
18-Jun-24 02:00:00	19.794	0.000	1.827	1.839	0.000	13.382	1129982.129	281.320	0.864264	17.851973	0	0	0.063163	0.8758829	38.487	0.000	1.827	0.000	
18-Jun-24 03:00:00	21.845	0.000	1.864	1.882	0.158	13.375	1161443.926	355.795	0.864421	17.844722	0	0	0.063046	0.8706562	40.948	0.000	1.864	0.377	
18-Jun-24 04:00:00	20.439	0.000	1.787	1.797	4.486	13.249	1447826.826	302.820	0.851080	15.400891	0	0	0.062550	0.7109231	40.762	0.000	1.787	9.964	
18-Jun-24 05:00:00	21.841	0.000	2.044	2.060	10.447	14.211	1177687.500	144.111	0.846393	13.443438	0	0	0.062407	0.8495819	45.211	0.000	2.044	21.491	
18-Jun-24 06:00:00	21.457	0.000	1.920	1.935	9.386	13.776	1189750.015	221.918	0.860590	15.025119	0	0	0.063165	0.8350062	41.735	0.000	1.920	8.639	
18-Jun-24 07:00:00	22.208	0.000	1.964	2.000	19.958	14.237	1143044.580	143.041	0.847363	13.157812	0	0	0.062381	0.5338267	45.734	0.000	1.964	23.152	
18-Jun-24 08:00:00	22.148	0.000	2.021	2.034	12.947	14.253	1157213.745	143.265	0.848221	13.394827	0	0	0.062318	0.5495232	46.134	0.000	2.021	25.153	
18-Jun-24 09:00:00	21.187	0.000	1.961	0.000	11.569	14.271	1189226.055	143.463	0.847048	13.086208	0	0	0.062316	0.5429547	44.231	0.000	1.961	24.460	
18-Jun-24 10:00:00	21.306	0.000	1.845	1.853	12.768	14.279	1181142.325	142.556	0.846583	12.836590	0	0	0.061912	0.5212521	44.534	0.000	1.845	26.408	
18-Jun-24 11:00:00	21.162	0.000	1.516	1.526	12.205	14.285	1171520.785	142.278	0.846587	12.998744	0	0	0.061778	0.4939787	44.410	0.000	1.516	25.893	
18-Jun-24 12:00:00	21.523	0.000	1.921	1.937	11.353	14.339	1141814.690	142.473	0.849228	12.941153	0	0	0.061730	0.4823277	46.258	0.000	1.921	23.810	
18-Jun-24 13:00:00	19.936	0.000	1.450	1.454	8.140	13.985	1383751.343	181.172	0.851842	14.178384	0	0	0.062015	0.6060558	39.761	0.000	1.450	16.929	
18-Jun-24 14:00:00	19.926	0.000	1.430	1.444	3.855	14.037	1458481.734	192.925	0.854492	16.111833	0	0	0.062472	0.5745369	40.006	0.000	1.430	7.984	
18-Jun-24 15:00:00	23.781	0.000	1.336	1.346	0.000	13.444	1187241.792	248.211	0.874828	20.785679	0	0	0.062234	0.6265217	44.199	0.000	1.336	0.000	
18-Jun-24 16:00:00	18.710	0.000	1.556	1.567	11.981	14.230	1133859.189	179.993	0.847817	13.990309	0	0	0.062037	0.5780830	38.541	0.000	1.556	24.927	
18-Jun-24 17:00:00	22.421	0.000	1.303	1.315	0.000	13.432	1171423.955	254.370	0.872447	20.124031	0	0	0.062237	0.5214758	41.509	0.000	1.303	0.000	
18-Jun-24 18:00:00	20.126	0.000	1.302	1.317	3.736	13.988	1448756.015	188.263	0.854834	15.231889	0	0	0.061888	0.5238458	40.309	0.000	1.302	7.593	
18-Jun-24 19:00:00	21.142	0.000	1.545	1.564	0.000	13.353	1171731.238	292.908	0.869300	19.872174	0	0	0.062853	0.7370049	38.818	0.000	1.545	0.000	
18-Jun-24 20:00:00	20.174	0.000	1.384	1.397	0.000	13.384	1174239.683	290.417	0.869209	19.396408	0	0	0.062378	0.8608251	37.125	0.000	1.384	0.000	
18-Jun-24 21:00:00	21.770	0.000	1.328	1.338	0.000	13.388	1174234.362	292.673	0.869929	19.313419	0	0	0.062316	0.6437582	38.267	0.000	1.328	0.000	
18-Jun-24 22:00:00	20.843	0.000	1.342	1.355	0.000	13.397	1170812.500	258.106	0.867588	18.833734	0	0	0.062296	0.6727675	38.033	0.000	1.342	0.000	
18-Jun-24 23:00:00	19.856	0.000	1.483	1.502	3.489	13.957	1162977.551	202.991	0.855139	15.856154	0	0	0.062258	0.6872479	39.127	0.000	1.483	7.028	
19-Jun-24 00:00:00	19.737	0.000	1.427	1.440	0.000	13.383	1172236.561	259.477	0.863786	17.712624	0	0	0.062486	0.7918266	38.264	0.000	1.427	0.000	
19-Jun-24 01:00:00

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-24 01:00:02	22.769	0.292	1.487	1.518	8.844	14.229	1145185.889	142.981	0.049056	13.626640	0.00087981	0.24322619	0.001703	0.4731800	47.264	0.602	1.487	18.049	
21-Jun-24 02:00:02	22.273	0.234	1.823	1.543	10.830	14.216	1219852.417	144.048	0.051118	14.198873	0.00074627	0.20729783	0.001808	0.5181122	46.157	0.484	1.823	21.789	
21-Jun-24 03:00:02	21.490	0.334	1.585	1.503	11.217	14.225	1124130.859	144.238	0.045449	12.624850	0.0009841	0.27330185	0.001780	0.4808035	44.505	0.694	1.585	23.327	
21-Jun-24 04:00:02	21.149	0.372	1.701	1.720	13.345	14.227	1181456.984	143.490	0.047009	13.058007	0.00115147	0.3198515	0.002009	0.5581564	43.888	0.786	1.701	27.609	
21-Jun-24 05:00:02	21.090	0.442	1.612	1.842	11.724	14.199	1192904.419	143.977	0.047333	13.148122	0.00138128	0.38368818	0.001923	0.5342554	43.584	0.914	1.613	24.242	
21-Jun-24 06:00:02	21.205	0.254	1.624	1.553	11.884	14.214	1169072.021	143.325	0.046599	12.944171	0.00077623	0.21561844	0.001897	0.5270380	43.906	0.529	1.624	24.679	
21-Jun-24 07:00:02	21.558	0.183	1.547	1.584	11.045	14.193	1177752.886	143.535	0.047765	13.268806	0.00056354	0.15653821	0.001821	0.5059467	44.306	0.374	1.547	22.569	
21-Jun-24 08:00:02	21.750	0.331	1.518	1.536	12.492	14.242	1161532.593	143.709	0.047629	13.292621	0.00100787	0.27974131	0.001763	0.4897184	45.233	0.680	1.518	26.005	
21-Jun-24 09:00:02	21.915	0.359	1.609	0.000	11.895	14.255	1200379.539	142.915	0.049492	13.747847	0.00115854	0.3218178	0.001931	0.5364394	45.877	0.738	1.606	24.334	
21-Jun-24 10:00:02	21.481	0.326	1.481	1.500	11.002	14.247	1176020.874	142.639	0.047527	13.201971	0.0010007	0.27797219	0.001742	0.4839296	44.700	0.674	1.481	22.724	
21-Jun-24 11:00:02	21.782	0.305	1.511	1.538	13.601	14.258	1166169.189	142.235	0.047789	13.274795	0.0009219	0.25886284	0.001762	0.4894443	45.459	0.630	1.511	28.325	
21-Jun-24 12:00:02	21.626	0.330	1.505	1.534	10.640	14.290	1198049.654	141.983	0.048749	13.541444	0.00100284	0.27856757	0.001803	0.5008104	45.299	0.679	1.505	22.158	
21-Jun-24 13:00:02	23.509	0.353	1.292	1.318	6.377	14.195	1266059.692	162.539	0.056053	15.542554	0.00116871	0.32464000	0.001634	0.4538293	48.529	0.722	1.297	13.323	
21-Jun-24 14:00:02	23.258	0.324	1.300	1.342	7.081	14.248	1169781.372	141.392	0.050750	14.097109	0.00098425	0.2734105	0.001500	0.4158058	48.409	0.675	1.300	14.823	
21-Jun-24 15:00:02	21.965	0.321	1.538	1.552	10.511	14.278	1235165.649	142.401	0.051045	14.179145	0.00103908	0.28862067	0.001900	0.5277383	46.032	0.672	1.528	21.707	
21-Jun-24 16:00:02	21.597	0.159	1.512	1.525	9.355	14.278	1170837.086	143.208	0.047573	13.214808	0.00048711	0.13530777	0.001771	0.4918971	45.169	0.259	1.512	19.374	
21-Jun-24 17:00:02	22.140	0.447	1.510	1.535	10.772	14.294	1173632.886	143.243	0.048805	13.581909	0.00137226	0.38118809	0.001772	0.4922640	46.409	0.933	1.510	22.342	
21-Jun-24 18:00:02	21.588	0.430	1.508	1.508	10.847	14.265	1168478.682	143.327	0.048713	13.531389	0.00134852	0.37460548	0.001800	0.5025881	45.043	0.897	1.508	22.667	
21-Jun-24 19:00:02	20.783	0.387	1.292	1.278	2.383	13.898	1337038.818	175.427	0.052279	14.521899	0.00139059	0.38628020	0.001674	0.4649647	41.106	0.793	1.262	4.525	
21-Jun-24 20:00:02	19.185	0.358	1.297	1.316	0.000	13.368	1589246.356	281.222	0.059798	16.600919	0.00155564	0.432122	0.002152	0.5976966	35.208	0.687	1.297	0.000	
21-Jun-24 21:00:02	19.244	0.212	1.178	1.191	0.000	13.348	1711462.323	281.825	0.061964	17.212116	0.00095109	0.26419168	0.002013	0.5592040	35.316	0.389	1.178	0.000	
21-Jun-24 22:00:02	19.017	0.384	1.290	1.319	0.000	13.544	1785207.251	260.883	0.063160	17.544529	0.00177651	0.49347459	0.002259	0.6275275	34.985	0.707	1.280	0.000	
21-Jun-24 23:00:03	20.310	0.272	1.345	1.363	0.000	13.422	1675801.099	254.287	0.063833	17.731300	0.00136405	0.37890339	0.002246	0.6239773	37.538	0.578	1.345	0.000	
22-Jun-24 00:00:03	20.731	0.304	1.387	1.382	0.000	13.582	1684243.887	252.842	0.065721	18.255767	0.00133896	0.37193297	0.002338	0.6494010	38.215	0.565	1.387	0.000	
22-Jun-24 01:00:03	28.104	0.295	1.447	1.482	0.027	13.604	1608930.176	231.857	0.085871	23.830812	0.00124411	0.34558559	0.002328	0.6467803	50.381	0.668	1.447	0.050	
22-Jun-24 02:00:03	22.908	0.378	1.589	1.587	12.842	14.229	1169651.440	143.699	0.051277	14.243499	0.0011774	0.32705600	0.001855	0.5151825	47.548	0.786	1.589	26.655	
22-Jun-24 03:00:03	21.032	0.324	1.580	1.597	13.784	14.228	1172580.293	143.678	0.046398	12.888276	0.00099452	0.27626434	0.001852	0.5145473	43.544	0.675	1.580	28.602	
22-Jun-24 04:00:03	20.828	0.418	1.637	1.657	13.842	14.231	1159653.584	144.299	0.045280	12.577806	0.00126358	0.35099596	0.001892	0.5254363	43.236	0.873	1.637	28.720	
22-Jun-24 05:00:03	21.054	0.577	1.518	1.542	13.790	14.238	1171761.221	145.557	0.046414	12.892894	0.00178606	0.49166124	0.001779	0.4942384	43.756	1.182	1.518	28.660	
22-Jun-24 06:00:03	20.979	0.537	1.634	1.627	12.978	14.217	1190840.898	144.099	0.047001	13.056860	0.00167324	0.46478843	0.001946	0.5404701	43.453	1.112	1.634	29.033	
22-Jun-24 07:00:03	21.576	0.492	1.425	1.436	11.423	14.220	1151318.604	143.016	0.046736	12.981834	0.00148547	0.41262031	0.001640	0.4555798	44.721	1.021	1.425	23.796	
22-Jun-24 08:00:03	22.110	0.388	1.575	1.596	11.895	14.203	1159238.770	142.837	0.048638	13.510965	0.00118747	0.3298526	0.001842	0.5116478	45.723	0.802	1.575	24.503	
22-Jun-24 09:00:03	21.757	0.585	1.641	0.000	13.934	14.259	1187302.612	145.357	0.049010	13.613919	0.0016347	0.45403948	0.001985	0.5496781	45.403	1.222	1.641	29.000	
22-Jun-24 10:00:03	22.008	0.617	1.737	1.767	11.887	14.246	1229409.151	143.121	0.050965	14.148377	0.00199016	0.55171697	0.002136	0.5932909	45.796	1.284	1.737	24.774	
22-Jun-24 11:00:03	21.088	0.430	1.752	1.779	12.913	14.278	1180895.352	143.832	0.047366	13.157363	0.0013453	0.37368363	0.002092	0.5810388	44.090	0.900	1.752	26.816	
22-Jun-24 12:00:03	21.683	0.602	1.683	1.700	12.202	14.262	1205644.188	143.135	0.048133	13.648141	0.00189034	0.52759588	0.002029	0.5635194	45.184	1.279	1.683	25.484	
22-Jun-24 13:00:03	21.111	0.481	1.674	1.265	14.353	14.262	1218038.818	142.845	0.048299	13.416380	0.00153229	0.42563582	0.002036	0.5655266	44.169	1.000	1.674	30.155	
22-Jun-24 14:00:03	23.723	0.482	1.823	1.851	5.748	14.125	1192993.286	142.332	0.053245	14.790209	0.00150500	0.41887775	0.002174	0.6039678	48.492	0.984	1.823	11.924	
22-Jun-24 15:00:03	21.430	0.515	1.794	1.814	12.360	14.289	1144058.028	142.975	0.046125	12.812638	0.0015415	0.4281942	0.002053	0.5701087	44.891	1.080	1.794	29.592	
22-Jun-24 16:00:03	22.133	0.684	1.966	1.589	9.708	14.210	1177810.026	142.802	0.049044	13.623415	0.00210925	0.58591006	0.001962	0.5449081	45.905	1.450	1.806	20.245	
22-Jun-24 17:00:03	20.213	0.531	1.842	1.980	17.978	14.209	1174592.285	138.709	0.044887	12.497531	0.00183208	0.45336793	0.002164	0.6010402	42.401	1.122	1.842	37.514	
22-Jun-24 18:00:03	19.956	0.430	1.654	1.671	14.863	14.240	1174901.733	142.905	0.044115	12.254184	0.00132125	0.36702184	0.001943	0.5397866	41.528	0.894	1.654	30.694	
22-Jun-24 19:00:03	19.206	0.302	1.327	1.340	0.000	13.300	1681450.421	258.908	0.060757	16.876959	0.00132794	0.36887157	0.002231	0.6196679	35.039	0.551	1.327	0.000	
22-Jun-24 20:00:03	19.118	0.181	1.220	1.252	0.000	13.299	1763028.076	282.718	0.063413	17.614647	0.00083499	0.2319417	0.002158	0.5995814	34.856	0.329	1.223	0.000	
22-Jun-24 21:00:03	21.905	0.174	1.172	1.189	0.000	13.370	1678126.465	239.056	0.069157	19.210408	0.00076522	0.21256024	0.001963	0.5465461	40.350	0.321	1.172	0.000	
22-Jun-24 22:00:03	19.481	0.354	1.227	1.282	0.084	13.541	1634783.889	232.787	0.059947	16.651983	0.00151277	0.42021387	0.002006	0.5573259	36.598	0.686	1.227	0.145	
22-Jun-24 23:00:03	23.158	0.384	1.415	1.450	11.931	14.334	1127690.180	142.687	0.049132	13.647785	0.00113261	0.3146138	0.001595	0.4431302	48.825	0.808	1.415	25.181	
23-Jun-24 00:00:03	21.301	0.345	1.704	1.717	5.256	13.951	1415384.248	196.700	0.056720	15.750063	0.00127958	0.35543256	0.002412	0.6701308	42.505	0.690	1.704	10.309	
23-Jun-24 01:00:03	22.020	0.355	1.576	1.584	0.000	13.483	1684363.525	281.459	0.069717	19.366740	0.00162365	0.4509654	0.002655	0.7374132	41.116	0.690	1.576	0.000	
23-Jun-24 02:00:03	19.754	0.241	1.513	1.587	0.000	13.393	1708640.886	252.294	0.063593	17.630040	0.00107773	0.29938824	0.002588	0.7182049	36.469	0.446	1.513	0.000	
23-Jun-24 03:00:03	20.118	0.323	1.517	1.526	0.000	13.378	1753712.280	264.276	0.066378	18.438736	0.00148358	0.41209905	0.002800	0.7388890	37.062	0.594	1.517	0.000	
23-Jun-24 04:00:03	21.277	0.273	1.549	1.566	0.000	13.373	1715083.984	263.883	0.068698	19.071098	0.00122675	0.34048545	0.002858	0.7378330	39.177	0.503	1.549	0.000	
23-Jun-24 05:00:03	22.314	0.390	1.480	1.505	3.086	13.847	1372238.469	185.269	0.054669	15.188908	0.00132913	0.36928317	0.001831	0.5363009	44.142	0.771	1.483	6.073	
23-Jun-24 06:00:03	23.679	0.300	1.555	1.575	0.201	13.980	1628160.276	240.880	0.072436	20.121141	0.00127725	0.35479299	0.002528	0.7022341	44.555	0.567	1.550	0.098	
23-Jun-24 07:00:03	21.280	0.560	1.671	1.587	13.788	14.245	1179988.647	144.458	0.047838	13.288118	0.00169268	0.47018951	0.001965	0.5459421	44.256	1.135	1.671	29.029	
23-Jun-24 08:00:03	21.58129692	0.583235135	1.609389305	1.62900424	12.51341438	14.23708248	1178964.478	144.341	0.047880	13.297032	0.00183075	0.50854126	0.001897	0.5270581	44.55718484	1.222474585	1.609389305	26.02704048	
23-Jun-24 09:00:03	21.28300005	0.508485973	1.518766548	0	12.12730789	14.24464417	1145547.486	143.581	0.045910	12.752878	0.00152606	0.42390807	0.001739	0.4830058	44.27385112	1.088583545	1.518766548	25.40241061	
23-Jun-24 10:00:03	21.33846806	0.668476918	2.037507658	2.044833899	12.1238714	14.27049023	1203213.989	144.125	0.048394	13.417838	0.00208093	0.58226305	0.002452	0.6810183	44.67035838	1.403238893	2.037507658	25.32550812	
23-Jun-24 11:00:03	20.92638178	0.42746332	1.940480191	1.958225442	13.06843987	14.27169323	1160953.368	144.523	0.046490	12.918438	0.00132146	0.36787130	0.002202	0.6165563	43.71079254	0.900872181	1.940480191	26.34828877	
23-Jun-24 12:00:03	20.78856442	0.636891842	1.891407371	1.917300743	12.25917053	14.25487709	1139827.148	144.588	0.044574	12.381615	0.00190023	0.52784121	0.002160	0.5999549	43.30858294	1.32541083	1.891407371	25.50211716	
23-Jun-24 13:00:03	21.27803812	0.295386196	1.937560783	1.946892858	11.83839796	14.25324017	1188792.837	143.813	0.047590	13.219363	0.00091917	0.25532382	0.002303	0.6398131	44.32534809	0.613179664	1.937560783	24.50178658	
23-Jun-24 14:00:03	20.99340067	0.618850643	1.941050652	1.961723668	13.21467876	14.27249008	1200027.588	145.958	0.047397	13.166898	0.00194396	0.53998617	0.002329	0.6470351	43.65475922	1.292871256	1.941050652	27.51717415	
23-Jun-24 15:00:03	21.1591301	0.514024079	1.857989045	1.882723544	12.91828713	14.25174736	1175439.206	143.843	0.046783	12.997938	0.00158156	0.43932129	0.002184	0.6066471	44.13051987	1.07215831	1.857989045	26.79815368	
23-Jun-24 16:00:03	22.12133026	0.204268285	1.97785759	1.987415844	11.8386879	14.25125622	1221527.984	144.208	0.050830	14.121834	0.00065313	0.18142587	0.002416	0.6711134	46.13970606	0.425427377	1.97785759	24.57258317	
23-Jun-24 17:00:03	21.03105215	0.463745147	2.006881442	2.032095871	14.73904398	14.25331783	1143686.648	140.187	0.045266	12.573854	0.00138831	0.38564283	0.002295	0.6375041	43.83603177	0.971828222	2.006881442	30.98833544	
23-Jun-24 18:00:03	21.73842896	0.149638914	1.881465218	1.888825544	10.71730642	14.27247806	1181505.371	144.934	0.047495	13.192465	0.00045586	0.12662761	0.002182	0.6095838	45.40413686	0.304360271	1.881465218	21.98217201	
23-Jun-24 19:00:03	21.39078026	0.484351458	1.921923848	1.944520069	12.85441017	14.25525806	1181913.606	145.434	0.047990	13.330153	0.00149847	0.41624112	0.002272	0.6309081	44.98645545	1.010158989	1.921923848	27.15888379	
23-Jun-24 20:00:03	23.24019689	0.429098624	1.918129273	1.931301831	6.433448698	14.18345295	1187713.013	143.892	0.052369	14.546852	0.00134527	0.37368081	0.002297	0.6381969	47.79267883	0.878908834	1.918129273	13.12890833	
23-Jun-24 21:00:03	23.23261261	0.747061716	1.82600422	1.826862025	4.976610665	14.22815132	1188874.38	142.881	0.051091	14.191959	0.0022857	0.63491724	0.002133	0.5925867	48.19351578	1.549501188	1.82600422	10.8498764	
23-Jun-24 22:00:03	22.08028714	0.602788544	2.047116867	2.078712226	13.45220071	14.21784019	1187342.189	144.595	0.048077	13.354832	0.0018246	0.50683312	0.002369	0.6581277	45.74851658	1.248908924	2.047116867	27.87857475	
23-Jun-24 23:00:03	23.9330071	0.477300867	1.851584435	1.844087742	9.168079375	14.21108913	1225609.546	147.282	0.055238	15.343840	0.00151651	0.42125143	0.002271	0.6309066	49.54697037	0.988083975	1.851584435	18.87251887	
24-Jun-24 00:00:03	20.51622837	0.563834606	1.972942887	1.992437915	15.25895623	14.27396736	1205902.637	149.151	0.045880	12.881170	0.0017842	0.49561191	0.002385	0.6623024	42.88450898	1.176240108	1.972542882	33.72780091	
24-Jun-24 01:00:03	21.03195144	0.514029344	2.108540297	2.128958454	15.98029258	14.25231477	1219058.481	146.339	0.048236	13.399389	0.00164027	0.45562077	0.002570	0.7140153	43.92874868	1.073518634	2.108540297	33.59215164	
24-Jun-24 02:00:03	20.92958124	0.732291281	2.018094549	2.028358863	15.82568469	14.2495842	1194271.651	146.371	0.047924	13.892294	0.00228922	0.63589538	0.002408	0.6687064	43.66903458	1.524177551	2.018094549	32.7684848	
24-Jun-24 03:00:03	21.28485183	0.529641441	2.125771683	2.128810843	15.77534808	14.20578575	1193326.142	146.385	0.047790	13.274718	0.00164391	0.45611302	0.002537	0.7048864	44.02694575	1.08779045	2.125771683	31.74708748	
24-Jun-24 04:00:03	20.09496044	0.376891861	2.038974859	2.06777359	20.2818737	14.2721629	1157985.986	145.580	0.043778	12.158661	0.0011414	0.31709563	0.002360	0.6551823	41.98752912	0.786181108	2.036974859	42.70657348	
24-Jun-24 05:00:03	20.49609893	0.429159871	1.888173938	1.908930758	17.0049305	14.23810196	1187626.343	146.867	0.045795	12.720935	0.00133192	0.36972871	0.002242	0.6229014	42.57687759	0.889251901	1.888173938	35.58485825	
24-Jun-24 06:00:03	22.19781794	0.488358804	1.821665406	1.845895806	10.9306954	14.17818711	1158472.9	145.422	0.048258	13.404434	0.00146799	0.40777586	0.002105	0.5848863	45.70645142	0.999837577	1.821665406	22.50694165	
24-Jun-24 07:00:03	21.86686243	0.3738826	1.865166187	1.88858377	12.7640847	14.17792892	1170337.524	145.845	0.048518	13.477385	0.00115418	0.32060642	0.002200	0.6119168	45.03389159	0.77043432	1.865166187	26.42893873	
24-Jun-24 08:00:03	23.86802211	0.410817355	2.018187048	2.035409451	6.887677193	14.07181022	1148880.859	147.700	0.051588	14.329515	0.00123545	0.34318033	0.002319	0.6440712	48.40011507	0.833030671	2.018187048	13.9541732	

Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-24 09:00:03	23.97244073	0.646907274	1.769229702	0	7.904879093	14.16911582	1194758.301	145.781	0.053885	14.968172	0.00187132	0.51981224	0.002109	0.5858307	49.45718478	1.334417877	1.769229702	16.08672722	
24-Jun-24 10:00:03	23.42696045	0.581566843	1.79712677	1.8206141	6.637416134	14.1487875	1204458.586	146.203	0.053087	14.746298	0.00183351	0.50930837	0.002185	0.6012865	48.04980067	1.192322754	1.79712677	13.37068562	
24-Jun-24 11:00:03	21.71974974	0.462822327	1.768821964	1.782634074	11.91953676	14.24510674	1192068.163	146.135	0.048703	13.528883	0.00144418	0.40115615	0.002097	0.5823076	45.18173218	0.981609958	1.768821964	24.78808262	
24-Jun-24 12:00:03	21.61218215	0.548515837	1.738017942	1.768487592	12.03101635	14.24071598	1181193.119	145.131	0.048029	13.341240	0.00168808	0.46852195	0.002051	0.5696035	44.98480759	1.132128368	1.738017942	24.98589143	
24-Jun-24 13:00:03	23.5856677	0.192914844	1.711638262	1.745045808	0	13.36995018	1708439.913	266.690	0.075842	21.067140	0.00086271	0.23964201	0.002925	0.8124298	43.43134589	0.354815148	1.711638262	0	
24-Jun-24 14:00:03	23.21558847	0.437870916	1.738281104	1.75063622	0	13.44190025	1603970.219	253.380	0.076219	21.172088	0.00194088	0.53907897	0.002945	0.8179348	44.43804716	0.812793881	1.738281104	0	
24-Jun-24 15:00:03	23.734	0.420	1.735	1.758	0.000	13.365	1672854.014	263.658	0.075282	20.888396	0.00184758	0.51321214	0.002914	0.8094435	43.773	0.773	1.735	0.000	
24-Jun-24 16:00:03	24.686	0.434	1.677	1.690	0.000	13.405	1719992.900	263.612	0.079885	22.190229	0.00190743	0.52984084	0.002904	0.8019842	45.956	0.784	1.677	0.000	
24-Jun-24 17:00:03	19.289	0.548	1.682	1.686	7.133	14.094	1412421.506	184.096	0.051204	14.223347	0.00202781	0.56328025	0.002348	0.6521696	39.206	1.115	1.682	14.445	
24-Jun-24 18:00:03	22.395	0.764	1.596	1.599	7.112	14.177	1255754.131	149.483	0.050577	14.049128	0.00241163	0.66989741	0.001852	0.5144517	46.910	1.575	1.596	14.601	
24-Jun-24 19:00:03	21.295	0.387	1.752	1.768	0.000	13.416	1784828.003	267.931	0.071509	19.862845	0.00180564	0.50162334	0.003127	0.8685303	39.403	0.675	1.752	0.000	
24-Jun-24 20:00:03	19.385	0.574	1.829	1.553	2.280	13.915	1582391.098	213.275	0.057712	16.031114	0.00237600	0.6602746	0.002576	0.7160877	38.432	1.137	1.829	4.352	
24-Jun-24 21:00:03	24.371	0.275	1.677	1.707	0.000	13.387	1589060.571	258.350	0.077886	21.636384	0.00122625	0.34062582	0.002540	0.7914664	45.006	0.500	1.677	0.000	
24-Jun-24 22:00:03	22.850	0.481	1.608	1.621	6.987	14.192	1228154.785	145.837	0.052821	14.672587	0.00154787	0.42996261	0.001972	0.5479118	47.210	0.994	1.608	14.340	
24-Jun-24 23:00:03	22.009	0.438	1.831	1.844	9.150	14.154	1168313.354	145.531	0.049208	13.668159	0.0013632	0.37866812	0.002176	0.6045118	45.176	0.902	1.831	18.754	
25-Jun-24 00:00:03	20.471	0.387	1.860	1.880	0.041	13.419	1711529.795	256.158	0.065819	18.318715	0.00184372	0.45858478	0.003185	0.8855541	37.819	0.651	1.683	0.059	
25-Jun-24 01:00:03	20.760	0.480	1.732	1.781	11.228	14.211	1189106.567	147.009	0.045484	12.870615	0.00149196	0.41443888	0.002058	0.5717418	42.987	0.986	1.732	23.222	
25-Jun-24 02:00:03	22.844	0.473	1.667	1.678	6.429	14.079	1157078.657	145.485	0.049728	13.813464	0.00143172	0.39770029	0.002145	0.5967367	46.379	0.959	1.667	13.017	
25-Jun-24 03:00:03	21.691	0.373	1.800	1.820	10.291	14.149	1161679.810	147.671	0.047409	13.169811	0.00113488	0.31524521	0.002001	0.5557434	44.610	0.770	1.800	21.120	
25-Jun-24 04:00:03	23.700	0.520	1.648	1.687	7.627	14.168	1199037.622	147.063	0.053619	14.893427	0.00164382	0.45661732	0.001975	0.5488204	48.785	1.075	1.660	15.610	
25-Jun-24 05:00:03	22.109	0.372	1.851	1.865	13.697	14.253	1206675.928	160.366	0.050148	13.929031	0.00117506	0.32640443	0.002232	0.6199487	46.065	0.779	1.851	28.583	
25-Jun-24 06:00:03	22.721	0.430	1.491	1.471	8.067	14.174	1132581.543	147.310	0.048414	13.448298	0.00124479	0.34577693	0.001643	0.4564967	46.777	0.885	1.491	16.788	
25-Jun-24 07:00:03	21.731	0.535	1.614	1.631	11.337	14.201	1160537.109	148.464	0.047449	13.180156	0.00162390	0.45110069	0.001873	0.5203824	44.925	1.107	1.614	23.297	
25-Jun-24 08:00:03	22.092	0.353	1.745	1.738	12.203	14.186	1172812.256	147.338	0.048746	13.540670	0.00108252	0.30070933	0.002047	0.5685808	45.574	0.727	1.745	24.945	
25-Jun-24 09:00:03	21.641	0.353	1.665	0.006	11.385	14.235	1169415.527	148.422	0.048052	13.347803	0.00108881	0.30244084	0.001947	0.5407260	45.379	0.737	1.665	23.873	
25-Jun-24 10:00:03	22.784	0.672	1.699	1.727	11.397	14.258	1219281.738	146.757	0.052288	14.524526	0.00182626	0.50729446	0.002072	0.5756023	47.979	1.395	1.699	23.928	
25-Jun-24 11:00:03	22.602	0.511	1.740	1.777	10.689	14.262	1158848.118	145.694	0.049185	13.662583	0.00154752	0.42986045	0.002013	0.5589276	47.160	1.072	1.740	20.623	
25-Jun-24 12:00:03	23.678	0.413	1.565	1.579	7.688	14.224	1212152.710	145.547	0.053708	14.935120	0.00130967	0.36378222	0.001885	0.5235601	48.907	0.856	1.565	14.387	
25-Jun-24 13:00:03	19.008	0.108	1.773	1.786	11.479	14.160	1531340.454	183.758	0.047610	13.226094	0.00054006	0.15002234	0.002300	0.6380144	38.999	0.213	1.773	23.418	
25-Jun-24 14:00:03	21.679	0.744	1.587	1.568	8.773	14.167	1515479.248	188.872	0.053663	14.903887	0.00256277	0.711881	0.002063	0.5737121	44.811	1.533	1.587	17.503	
25-Jun-24 15:00:03	20.402	0.850	1.934	1.937	3.400	14.046	1474243.520	203.112	0.056585	15.718881	0.00173488	0.48190964	0.002851	0.7918308	41.219	1.709	1.934	6.806	
25-Jun-24 16:00:03	19.530	0.490	1.741	1.757	12.918	14.214	1150450.168	145.294	0.042271	11.741914	0.00147449	0.40958098	0.002003	0.5564738	40.435	1.015	1.741	26.957	
25-Jun-24 17:00:03	20.251	0.495	1.522	1.555	12.101	14.155	1130548.096	143.387	0.043379	12.049783	0.00147474	0.40964853	0.001733	0.4813513	41.555	1.016	1.522	24.579	
25-Jun-24 18:00:03	20.903	0.372	1.612	1.627	11.080	14.148	1140376.099	145.094	0.045083	12.523178	0.00111875	0.31020053	0.001846	0.5134605	42.888	0.767	1.612	22.775	
25-Jun-24 19:00:03	21.483	0.479	1.683	1.708	8.809	14.148	1138730.215	144.957	0.045982	12.772715	0.00142713	0.39643564	0.001918	0.5323251	44.019	0.981	1.683	17.947	
25-Jun-24 20:00:03	21.083	0.483	1.812	1.832	10.419	14.190	1165875.047	145.048	0.046399	12.882666	0.00147585	0.4099092	0.002115	0.5873614	43.293	0.992	1.812	21.381	
25-Jun-24 21:00:03	20.675	0.406	1.659	1.678	11.626	14.168	1176638.940	144.719	0.045765	12.712524	0.0012513	0.34758198	0.002187	0.6073881	42.434	0.834	1.659	24.531	
25-Jun-24 22:00:03	21.471	0.401	1.769	1.786	10.629	14.103	1170003.686	144.070	0.046007	12.888715	0.00145021	0.40283044	0.001997	0.5548851	44.059	1.062	1.769	21.831	
25-Jun-24 23:00:03	20.385	0.650	1.636	1.648	11.721	14.186	1144717.041	146.000	0.043804	12.165840	0.00164813	0.45781305	0.001873	0.5203326	41.887	1.130	1.633	24.218	
26-Jun-24 00:00:03	21.173	0.438	1.810	1.824	11.199	14.170	1158690.969	145.303	0.046045	12.790157	0.00132600	0.36851644	0.001861	0.5178299	43.504	0.902	1.810	23.270	
26-Jun-24 01:00:03	21.243	0.483	1.707	1.724	12.884	14.194	1154015.381	144.947	0.046121	12.811487	0.00146005	0.40557938	0.001970	0.5472581	43.865	0.998	1.707	26.560	
26-Jun-24 02:00:03	21.439	0.533	1.640	1.658	10.910	14.189	1140125.587	145.159	0.045985	12.773087	0.00159181	0.44211297	0.001881	0.5223989	44.284	1.100	1.640	22.445	
26-Jun-24 03:00:03	21.345	0.672	1.741	1.746	12.188	14.216	1135965.265	145.687	0.045620	12.672235	0.0019975	0.5548617	0.001978	0.5493189	44.300	1.391	1.741	25.064	
26-Jun-24 04:00:03	21.092	0.490	1.701	1.718	12.721	14.194	1176825.537	145.681	0.046182	12.830438	0.0015107	0.41963862	0.002008	0.5573058	43.371	1.011	1.701	26.287	
26-Jun-24 05:00:03	21.085	0.565	1.682	1.692	12.320	14.207	1158887.402	146.338	0.045841	12.733535	0.00170887	0.47468341	0.001944	0.5399879	43.520	1.167	1.682	25.859	
26-Jun-24 06:00:03	21.117	0.647	1.677	1.386	12.319	14.192	1142477.881	143.958	0.045391	12.608851	0.00193431	0.53730971	0.001916	0.5321851	43.590	1.336	1.677	25.803	
26-Jun-24 07:00:03	21.798	0.448	1.825	1.851	9.317	14.152	1206628.520	145.513	0.049583	13.787271	0.00141816	0.39377156	0.002207	0.6130158	44.665	0.920	1.825	19.085	
26-Jun-24 08:00:03	21.624	0.560	1.711	1.723	10.641	14.191	1150210.440	143.714	0.047282	13.111765	0.00176655	0.49164045	0.001985	0.5513680	44.624	1.158	1.711	22.170	
26-Jun-24 09:00:03	23.628	0.691	1.521	0.000	8.588	14.144	1168846.240	145.773	0.051282	14.245128	0.00209603	0.58195218	0.001782	0.4950884	48.217	1.417	1.521	17.456	
26-Jun-24 10:00:03	22.493	0.486	1.703	1.729	9.896	14.177	1119907.837	143.798	0.047393	13.164586	0.00143372	0.39825548	0.001907	0.5296449	46.328	0.998	1.703	20.328	
26-Jun-24 11:00:03	22.077	0.683	1.657	1.906	10.481	14.187	1160403.931	143.948	0.048033	13.347301	0.00208744	0.57425078	0.001916	0.5322152	45.498	1.403	1.657	21.354	
26-Jun-24 12:00:03	22.500	0.492	1.968	2.011	11.381	14.236	1179219.071	144.706	0.050137	13.926879	0.00154821	0.42783589	0.002356	0.6545870	46.952	1.028	1.968	23.444	
26-Jun-24 13:00:03	22.742	0.592	1.768	1.788	8.026	14.143	1196439.209	143.977	0.049481	13.744624	0.00179178	0.49771885	0.002046	0.5680795	46.607	1.213	1.768	16.605	
26-Jun-24 14:00:03	22.355	0.498	1.708	1.721	10.921	14.184	1143769.166	143.396	0.047914	13.309309	0.00149212	0.41447759	0.001954	0.5427601	45.923	1.012	1.708	22.411	
26-Jun-24 15:00:03	21.392	0.359	1.743	1.763	3.466	13.844	1363351.196	162.936	0.054613	15.170414	0.00128291	0.35636207	0.002376	0.6600645	41.803	0.706	1.743	6.866	
26-Jun-24 16:00:03	22.392	0.480	1.481	1.491	5.070	13.921	1262403.984	163.370	0.053182	14.772741	0.00163432	0.46397896	0.001845	0.5124847	44.447	0.968	1.481	10.073	
26-Jun-24 17:00:03	22.919	0.356	1.442	1.482	3.781	13.905	1255873.925	165.011	0.054193	15.053667	0.00118451	0.32903024	0.001812	0.5033950	45.680	0.718	1.442	7.300	
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Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF OUT
Stack Name: HRSG STACK12
Periodically: 01/6/2024 00:00-30/6/2024 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT12_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	1.06	0.00	1.02	0.00	0.00	13.25	1,092,017.02	138.71	0.00	0.27	0.00	0.00	0.00	0.35	15.55	0.00	1.02	0.00	
Maximum	34.35	3.59	2.13	2.15	30.99	20.61	1,807,147.75	258.13	0.11	31.10	0.02	4.48	0.00	0.89	53.09	8.57	2.13	65.54	
Avg.	21.44	0.14	1.61	1.50	0.82	13.94	1,587,213.46	148.43	0.06	16.54	0.00	0.13	0.00	0.62	42.73	0.28	1.81	14.14	
sum									27.78		0.23		1.10						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
01-Jun-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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03-Jun-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
03-Jun-24 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 07:00:00	28.524	0.000	0.572	0.722	0.000	13.375	1538835.205	250.032	0.082475	22.909605	0	0	0.000879	0.2440905	52.711	0.000	0.672	0.000	
04-Jun-24 08:00:00	31.248	0.000	0.832	0.873	0.000	13.808	1603509.087	250.965	0.094276	26.187806	0	0	0.001334	0.3706904	59.840	0.000	0.832	0.000	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	Emission Loading: NOx		SOx		Dust		Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-24 09:00:00	27.803	0.000	0.969	1.130	0.000	13.779	1438769.155	251.425	0.075398	20.943043	0	0	0.001421	0.3947316	54.794	0.000	0.969	0.000	
04-Jun-24 10:00:00	28.137	0.000	1.003	1.153	0.000	13.747	1411730.713	251.267	0.069421	19.283824	0	0	0.001416	0.3933371	50.623	0.000	1.003	0.000	
04-Jun-24 11:00:00	28.142	0.000	1.022	1.164	0.000	13.718	1456470.847	245.612	0.071638	19.890267	0	0	0.001489	0.4136901	50.425	0.000	1.022	0.000	
04-Jun-24 12:00:00	32.344	0.000	1.274	1.416	12.772	14.300	927679.077	148.088	0.038996	10.832713	0	0	0.001182	0.3282234	46.677	0.000	1.274	25.946	
04-Jun-24 13:00:00	27.525	0.000	1.063	1.215	0.000	13.757	1450705.076	248.013	0.075099	20.860923	0	0	0.001571	0.4363482	53.224	0.000	1.063	0.000	
04-Jun-24 14:00:00	29.485	0.000	1.123	1.254	0.000	13.498	1503095.459	253.711	0.083661	23.239193	0	0	0.001694	0.4704947	55.181	0.000	1.123	0.000	
04-Jun-24 15:00:00	30.007	0.000	1.147	1.293	0.000	13.535	1446443.481	240.925	0.081858	22.882651	0	0	0.001659	0.4608506	56.440	0.000	1.147	0.000	
04-Jun-24 16:00:00	29.572	0.000	1.178	1.312	0.000	13.515	1444858.225	239.969	0.077559	21.544265	0	0	0.001703	0.4729401	53.545	0.000	1.178	0.000	
04-Jun-24 17:00:00	28.147	0.000	1.078	1.197	0.000	13.599	1412573.485	229.661	0.069487	19.302013	0	0	0.001523	0.4230309	49.619	0.000	1.078	0.000	
04-Jun-24 18:00:00	28.398	0.000	1.148	1.288	0.032	13.552	1462938.281	247.029	0.072674	20.020528	0	0	0.001666	0.4625844	50.449	0.000	1.148	0.164	
04-Jun-24 19:00:00	27.098	0.000	1.081	1.221	0.000	13.516	1418893.311	249.884	0.072223	20.061930	0	0	0.001534	0.4262429	50.774	0.000	1.081	0.000	
04-Jun-24 20:00:00	28.429	0.000	1.350	1.494	0.000	13.404	1598738.490	251.897	0.085403	23.723121	0	0	0.002156	0.5987892	52.544	0.000	1.350	0.000	
04-Jun-24 21:00:00	25.304	0.000	1.240	1.375	0.000	13.485	1612978.318	255.089	0.076788	21.330651	0	0	0.002005	0.5568130	47.284	0.000	1.243	0.000	
04-Jun-24 22:00:00	24.497	0.000	1.161	1.311	0.000	13.476	1470909.253	250.245	0.067064	18.683963	0	0	0.001705	0.4744305	45.677	0.000	1.161	0.000	
04-Jun-24 23:00:00	25.244	0.000	1.056	1.197	0.132	13.580	1423296.143	247.745	0.067587	18.777067	0	0	0.001507	0.4184845	47.402	0.000	1.058	0.000	
05-Jun-24 00:00:00	26.066	0.000	1.142	1.287	0.169	13.629	1437470.703	244.798	0.070494	19.581672	0	0	0.001641	0.4558856	49.697	0.000	1.142	0.325	
05-Jun-24 01:00:00	26.357	0.000	1.088	1.298	0.000	13.574	1472979.045	251.286	0.073026	20.285518	0	0	0.001602	0.4450123	49.851	0.000	1.088	0.000	
05-Jun-24 02:00:00	27.104	0.000	1.209	1.354	0.000	13.539	1490854.858	254.106	0.076023	21.117678	0	0	0.001802	0.5006480	51.019	0.000	1.209	0.070	
05-Jun-24 03:00:00	27.444	0.000	1.087	1.207	0.016	13.634	1448280.396	244.578	0.074780	20.772253	0	0	0.001574	0.4371805	52.315	0.000	1.087	0.004	
05-Jun-24 04:00:00	24.543	0.000	1.118	1.250	8.808	14.064	1136294.800	185.074	0.052469	14.574530	0	0	0.001298	0.3521103	49.723	0.000	1.118	12.586	
05-Jun-24 05:00:00	24.228	0.000	1.115	1.256	7.075	13.306	1153308.980	190.682	0.053022	14.728209	0	0	0.001298	0.3606085	48.604	0.000	1.118	14.309	
05-Jun-24 06:00:00	28.985	0.000	1.080	1.190	0.059	13.676	1484800.171	251.443	0.075383	20.939878	0	0	0.001558	0.4328072	51.782	0.000	1.080	0.069	
05-Jun-24 07:00:01	24.267	0.000	1.211	1.356	18.487	14.303	1005992.878	168.764	0.046075	12.770782	0	0	0.001220	0.3387650	51.637	0.000	1.211	39.144	
05-Jun-24 08:00:01	26.801	0.000	0.958	1.103	8.828	14.123	1062735.882	178.169	0.053044	14.734485	0	0	0.001045	0.2903090	52.733	0.000	0.958	14.173	
05-Jun-24 09:00:01	21.883	0.000	1.058	1.202	15.842	14.327	918314.831	147.118	0.037756	10.487887	0	0	0.000909	0.2601022	45.028	0.000	1.058	33.764	
05-Jun-24 10:00:01	22.238	0.000	1.031	1.182	2.012	13.928	1131800.245	184.335	0.047354	13.153937	0	0	0.001167	0.3240471	44.185	0.000	1.031	3.062	
05-Jun-24 11:00:01	23.902	0.000	1.125	1.269	0.000	13.537	1474737.081	249.062	0.066265	18.415187	0	0	0.001656	0.4600612	45.382	0.000	1.125	0.000	
05-Jun-24 12:00:01	19.282	0.000	1.054	1.196	0.000	13.797	1399840.575	238.015	0.050783	14.106444	0	0	0.001498	0.4138219	37.652	0.000	1.054	0.000	
05-Jun-24 13:00:01	23.581	0.000	1.148	1.282	0.000	13.556	1458083.130	247.880	0.064474	17.909367	0	0	0.001676	0.4630748	44.435	0.000	1.148	0.000	
05-Jun-24 14:00:01	24.384	0.000	1.072	1.207	0.000	13.589	1391300.171	244.100	0.061864	17.737158	0	0	0.001491	0.4141882	46.247	0.000	1.072	0.000	
05-Jun-24 15:00:01	23.919	0.000	1.015	1.148	0.000	13.753	1449139.608	236.187	0.065212	18.114468	0	0	0.001471	0.4088615	49.268	0.000	1.015	0.000	
05-Jun-24 16:00:01	23.616	0.000	1.084	1.220	0.000	13.854	1460082.473	245.358	0.064900	18.027712	0	0	0.001584	0.4406189	44.567	0.000	1.084	0.000	
05-Jun-24 17:00:01	22.445	0.001	1.152	1.297	4.931	14.174	950155.927	144.907	0.040124	11.145571	0	0	0.001094	0.3038444	45.215	0.000	1.152	9.905	
05-Jun-24 18:00:01	19.694	0.001	1.083	1.220	8.200	14.124	1166043.081	186.156	0.043643	12.123118	0	0	0.001263	0.3508080	40.668	0.000	1.083	16.326	
05-Jun-24 19:00:01	19.900	0.001	1.062	1.190	0.000	13.528	1428001.709	244.472	0.053464	14.851062	0	0	0.001502	0.4172297	37.904	0.000	1.062	0.006	
05-Jun-24 20:00:01	18.084	0.001	1.068	1.206	4.744	13.908	1198254.761	192.354	0.036259	10.071963	0	0	0.001280	0.3556090	32.264	0.000	1.068	6.292	
05-Jun-24 21:00:01	22.958	0.001	1.049	1.186	0.000	13.585	1471449.923	254.033	0.063806	17.654375	0	0	0.001544	0.4287081	43.508	0.000	1.049	0.000	
05-Jun-24 22:00:01	21.362	0.001	1.087	1.222	1.500	13.926	1371318.040	226.118	0.055114	15.300483	0	0	0.001491	0.4142438	42.372	0.000	1.087	3.026	
05-Jun-24 23:00:01	24.862	0.001	1.094	1.196	0.000	13.596	1484850.580	255.288	0.069433	19.292505	0	0	0.001566	0.4348440	47.157	0.000	1.094	0.000	
06-Jun-24 00:00:01	23.338	0.002	0.994	1.125	0.000	13.576	1514541.605	263.723	0.066500	18.472106	0	0	0.001506	0.4182184	44.147	0.000	0.994	0.000	
06-Jun-24 01:00:01	19.808	0.002	1.417	1.561	10.802	14.174	1042290.383	168.665	0.038447	10.679685	0	0	0.001477	0.4103044	40.370	0.000	1.417	21.804	
06-Jun-24 02:00:01	21.218	0.002	1.024	1.163	3.215	13.965	1191232.422	191.068	0.047546	13.207881	0	0	0.001219	0.3386922	42.378	0.000	1.024	6.290	
06-Jun-24 03:00:01	19.759	0.000	0.988	1.149	4.867	13.947	1194114.990	187.727	0.044391	12.330068	0	0	0.001179	0.3276173	39.360	0.000	0.988	9.691	
06-Jun-24 04:00:01	18.404	0.000	1.080	1.199	9.944	14.387	1208687.158	169.474	0.041848	11.624362	0	0	0.001285	0.3580245	37.465	0.000	1.063	20.366	
06-Jun-24 05:00:01	22.332	0.000	0.965	1.102	4.633	14.323	791232.983	139.069	0.033244	9.234529	0	0	0.000762	0.2118694	47.004	0.000	0.963	9.504	
06-Jun-24 06:00:01	20.195	0.000	0.960	1.121	6.936	14.493	937155.642	145.049	0.032963	9.156348	0	0	0.000853	0.2368325	43.869	0.000	0.963	12.586	
06-Jun-24 07:00:01	22.704	0.000	0.836	0.975	8.479	14.490	984305.274	142.791	0.037773	10.492526	0	0	0.000732	0.2033729	49.067	0.000	0.826	14.024	
06-Jun-24 08:00:01	20.816	0.000	0.840	1.034	4.759	14.406	954273.254	141.321	0.038237	10.621486	0	0	0.000772	0.2143818	50.520	0.000	0.863	10.096	
06-Jun-24 09:00:01	18.603	0.000	1.128	1.281	13.268	14.297	1164626.465	183.098	0.040677	11.299186	0	0	0.001314	0.3649479	38.935	0.000	1.176	27.842	
06-Jun-24 10:00:01	23.510	0.000	0.956	1.097	4.937	14.512	881804.686	146.087	0.039004	10.834306	0	0	0.000842	0.2338290	50.984	0.000	0.956	10.736	
06-Jun-24 11:00:01	22.914	0.000	1.116	1.258	5.502	14.485	868145.382	140.964	0.038268	10.635647	0	0	0.000992	0.2754286	49.268	0.000	1.116	11.825	
06-Jun-24 12:00:01	23.277	0.000	1.117	1.254	4.680	14.348	847309.045	141.007	0.037182	10.200930	0	0	0.000940	0.2627640	48.174	0.000	1.117	10.504	
06-Jun-24 13:00:01	19.528	0.000	1.280	1.449	4.960	14.080	1234264.182	198.308	0.045347	12.596388	0	0	0.001593	0.4424335	39.617	0.000	1.293	10.191	
06-Jun-24 14:00:01	23.058	0.000	1.182	1.313	0.000	13.748	1435721.669	249.590	0.062062	17.239425	0	0	0.001681	0.4697743	44.850	0.000	1.182	0.000	
06-Jun-24 15:00:01	24.544	0.000	1.141	1.284	0.000	13.627	1409827.159	254.053	0.059257	16.237975	0	0	0.001712	0.4758370	46.716	0.000	1.141	0.000	
06-Jun-24 16:00:01	22.374	0.000	1.117	1.258	0.000	13.918	1301781.288	255.412	0.063218	17.559937	0	0	0.001676	0.4650662	41.974	0.000	1.117	0.000	
06-Jun-24 17:00:01	19.803	0.000	0.869	1.001	3.573	14.051	1276692.988	207.110	0.047578	13.218173	0	0	0.001106	0.3073362	40.040	0.000	0.866	7.713	
06-Jun-24 18:00:01	25.821	0.188	0.784	0.905	0.000	13.722	1523250.682	263.795	0.073937	20.538166	0.00074215	0.20615372	0.001164	0.3233320	49.768	0.354	0.784	0.000	
06-Jun-24 19:00:01	24.098	0.000	0.829	0.969	0.000	13.898	1550184.082	254.852	0.070277	19.521253	2.3E-07	6.3888E-05	0.001284	0.3566610	48.126	0.000	0.826	0.000	
06-Jun-24 20:00:01	24.859	0.000	0.834	0.971	0.000	13.838	1562315.798	254.197	0.072902	20.167264	0	0	0.001294	0.3594279	47.455	0.000	0.824	0.000	
06-Jun-24 21:00:01	24.621	0.070	0.832	0.975	0.000	13.598	1550033.203	255.106	0.071900	19.944387	0.00028283	0.07942387	0.001289	0.3581242	46.718	0.135	0.832	0.000	
06-Jun-24 22:00:01	25.606	0.037	0.844	0.974	0.000	13.998	1548784.771	254.439	0.074511	20.697487	0.00015117	0.04199052	0.001385	0.3828274	48.384	0.058	0.844	0.000	
06-Jun-24 23:00:01	23.430	0.000	1.146	1.288	0.000	13.528	1482307.983	252.990	0.065340	18.150187	0	0	0.001784	0.4732483	44.046	0.000	1.146	0.000	
07-Jun-24 00:00:01	23.681	0.005	1.176	1.312	0.000	13.494	1588829.712	254.401	0.069452	19.292296	2.2188E-05	0.0061633	0.001832	0.5087061	44.307	0.000	1.175	0.000	
07-Jun-24 01:00:01	24.270	0.217	1.140	1.299	0.006	13.444	1642211.860	262.296	0.070419	19.560637	6.87E-05	0.01908343	0.001757	0.4881608	45.129	0.025	1.140	0.000	
07-Jun-24 02:00:01	21.658	0.000	1.146	1.278	7.003	14.323	853327.820	139.548	0.035177	9.771497	0	0	0.000989	0.2747671	48.597	0.003	1.146	14.533	
07-Jun-24 03:00:01	23.654	0.000	1.230	1.363	0.000	13.479	1581817.871	252.128	0.069504	19.306740	0	0	0.001905	0.5292400	44.030	0.000	1.220	0.000	
07-Jun-24 04:00:01	22.554	0.000	1.242	1.300	0.058	13.613	1506987.061	254.032	0.063334	17.603198	0	0	0.001872	0.5200080	43.456	0.000	1.242	0.034	
07-Jun-24 05:00:01	24.845	0.000	1.023	1.160	0.000	13.873	1484143.611	259.382	0.069374	19.270570	1.8880E-05	0.00515541	0.001516	0.4210834	47.643	0.006	1.023	0.000	
07-Jun-24 06:00:01	24.071	0.001	0.890	1.037	0.000	13.664	1656769.653	269.323	0.070500	19.583341	3.8791E-06	0.00110538	0.001386	0.3849244	45.016	0.001	0.890	0.000	
07-Jun-24 07:00:01	23.238	0.018	0.863	1.008	3.982	14.368	834593.465	142.146	0.036488	10.135618	3.8606E-05	0.01108224	0.000720	0.2000405	48.179	0.041	0.863	7.369	
07-Jun-24 08:00:01	22.805	0.068	0.922	1.129	4.916	14.405	795451.843	140.958	0.034288	9.518983	0.00014309	0.03999860	0.000789	0.2191009	48.806	0.139	0.922	10.190	
07-Jun-24 09:00:01	22.441	0.032	0.990	1.120	6.511	14.433	832169.580	140.312	0.035153	9.750238	6.8727E-05	0.0190887	0.000824	0.2288161	48.018	0.073	0.990	11.304	
07-Jun-24 10:00:01	22.285	0.036	0.926	1.087	8.903	14.447	840589.958	142.036	0.035743	9.786829	7.8372E-05	0.02204777	0.000778	0.2161510	47.720	0.078	0.926	12.496	
07-Jun-24 11:00:01	22.609	0.130	0.994	1.125	4.274	14.405	858272.412	141.558	0.036505	10.140296	0.00029314	0.08142809	0.000853	0.2368802	48.208	0.288	0.994	3.807	
07-Jun-24 12:00:01	22.684	0.000	1.118	1.249	4.183	14.381	858805.813	141.501	0.036856	10.181953	0	0	0.000960	0.2667230	48.228	0.000	1.118	8.811	
07-Jun-24 13:00:01	21.064	0.057	0.906	1.033	5.758	14.414	833147.400	141.393	0.034413	9.559115	0.00012454	0.03459312	0.000754	0.2094035	46.805	0.120	0.905	12.120	
07-Jun-24 14:00:01	20.192	0.000	0.885	1.018	4.308	14.365	826580.906	140.682	0.031401	8.722514	7.2071E-07	0.00020021	0.000731	0.2030096	42.596	0.000	0.885	8.384	
07-Jun-24 15:00:01	22.721	0.044	1.007	1.129	4.359	14.335	890628.748	141.279	0.038087	10.574119	0.00010319	0.02866399	0.000897	0.2491929	47.825	0.101	1.007	9.329	
07-Jun-24 16:00:01	22.384	0.007	0.857	1.008	3.591	14.210	848148.980	144.481	0.036006	10.001384	1.6223E-05	0.00450629	0.000727	0.2019063	46.597	0.000	0.857	7.706	

Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	Emission Loading: NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-24 17:00:01	21.758	0.000	0.845	0.972	4.062	14.388	866987.649	141.491	0.035491	9.858522	0	0	0.000733	0.2035805	45.913	0.000	0.845	8.874	
07-Jun-24 18:00:01	18.888	0.000	0.833	0.971	7.162	14.457	863237.305	142.507	0.030822	8.508113	0	0	0.000719	0.1996240	40.678	0.000	0.833	15.168	
07-Jun-24 19:00:01	19.384	0.000	1.116	1.250	6.906	14.017	1048782.349	171.042	0.030316	8.420843	0	0	0.001178	0.3251635	30.918	0.000	1.116	13.780	
07-Jun-24 20:00:01	20.165	0.000	1.018	1.180	0.003	13.783	1420468.629	243.930	0.054233	15.064685	0	0	0.001455	0.4042979	39.254	0.000	1.018	0.000	
07-Jun-24 21:00:01	21.147	0.000	1.065	1.230	0.000	13.601	1531183.716	257.311	0.060918	16.922975	0	0	0.001662	0.4618558	40.125	0.000	1.065	0.000	
07-Jun-24 22:00:01	20.453	0.000	0.805	0.944	2.468	14.331	880065.408	141.444	0.034178	9.491819	0	0	0.000714	0.1982900	43.408	0.000	0.805	5.505	
07-Jun-24 23:00:01	19.744	0.000	0.872	1.011	3.888	14.352	919079.895	141.711	0.034140	9.483355	0	0	0.000802	0.2228423	41.337	0.000	0.872	8.399	
08-Jun-24 00:00:01	19.822	0.000	0.709	0.941	5.803	14.263	1005024.478	171.954	0.037138	10.316218	0	0	0.000803	0.2231769	40.921	0.000	0.709	11.988	
08-Jun-24 01:00:01	21.875	0.000	0.992	1.128	9.450	14.479	857247.253	142.093	0.035281	9.800215	0	0	0.000850	0.2361852	46.803	0.000	0.992	20.341	
08-Jun-24 02:00:01	22.283	0.000	0.847	0.992	4.789	14.289	821052.734	140.112	0.034421	9.561525	0	0	0.000695	0.1931516	46.869	0.000	0.847	10.213	
08-Jun-24 03:00:01	22.853	0.000	1.141	1.284	1.463	13.927	1016934.387	168.901	0.043724	12.145631	0	0	0.001160	0.3223397	45.389	0.000	1.141	2.737	
08-Jun-24 04:00:01	22.611	0.000	0.868	1.006	5.052	14.329	887424.600	141.605	0.037752	10.486577	0	0	0.000778	0.2138512	47.654	0.000	0.868	10.598	
08-Jun-24 05:00:01	23.004	0.000	0.922	1.065	4.595	14.331	862437.378	141.505	0.037326	10.368422	0	0	0.000796	0.2208846	48.495	0.000	0.922	9.625	
08-Jun-24 06:00:01	22.341	0.002	0.882	1.019	5.917	14.438	886747.314	139.173	0.037271	10.353117	4.2611E-08	0.00118364	0.000782	0.2171484	47.862	0.100	0.882	12.613	
08-Jun-24 07:00:01	20.658	0.000	0.990	1.125	5.762	14.332	843331.909	143.183	0.032793	9.109211	0	0	0.000835	0.2318007	43.528	0.100	0.990	12.038	
08-Jun-24 08:00:01	24.001	0.000	1.178	1.298	2.318	14.151	905420.697	142.356	0.040885	11.356855	0	0	0.001067	0.2964539	49.038	0.000	1.178	4.259	
08-Jun-24 09:00:01	22.775	0.000	1.080	1.222	5.960	14.403	903019.697	141.768	0.038693	10.748038	0	0	0.000975	0.2708261	48.522	0.000	1.080	12.578	
08-Jun-24 10:00:01	22.942	0.000	1.032	1.171	3.508	14.275	865917.175	144.041	0.037375	10.381947	0	0	0.000893	0.2481871	47.960	0.000	1.032	7.545	
08-Jun-24 11:00:01	22.741	0.000	1.117	1.240	5.031	14.298	849068.316	141.394	0.036326	10.091081	0	0	0.000949	0.2635418	47.629	0.000	1.117	10.430	
08-Jun-24 12:00:01	21.832	0.000	1.121	1.274	5.571	14.289	848234.099	141.809	0.034840	9.677876	0	0	0.000951	0.2641104	45.720	0.000	1.121	11.764	
08-Jun-24 13:00:01	21.459	0.000	1.055	1.192	7.013	14.322	844385.375	140.925	0.034091	9.469719	0	0	0.000891	0.2475608	45.196	0.000	1.055	14.790	
08-Jun-24 14:00:01	22.278	0.000	1.192	1.340	6.617	14.273	872137.148	140.461	0.036551	10.153071	0	0	0.001040	0.2888943	46.548	0.000	1.192	14.187	
08-Jun-24 15:00:01	22.948	0.000	1.021	1.159	4.382	14.291	826173.584	142.654	0.035755	9.932002	0	0	0.000845	0.2348251	48.067	0.000	1.021	9.175	
08-Jun-24 16:00:01	22.348	0.000	1.179	1.290	7.684	14.413	887873.272	139.174	0.037322	10.367193	0	0	0.001047	0.2907354	47.895	0.000	1.179	16.420	
08-Jun-24 17:00:01	23.097	0.000	1.051	1.188	3.796	14.281	830563.182	141.348	0.037029	10.285727	0	0	0.000873	0.2425127	48.522	0.000	1.051	7.941	
08-Jun-24 18:00:01	21.457	0.000	1.151	1.279	7.647	14.337	905164.551	141.395	0.036558	10.156027	0	0	0.001042	0.2896187	45.280	0.000	1.151	16.080	
08-Jun-24 19:00:01	21.307	0.000	1.073	1.225	7.128	14.340	860495.909	141.283	0.035320	9.811062	0	0	0.000924	0.2566458	45.020	0.000	1.073	15.025	
08-Jun-24 20:00:01	22.102	0.000	0.968	1.115	7.079	14.304	900145.752	150.841	0.037430	10.397397	0	0	0.000872	0.2421236	46.398	0.000	0.968	14.893	
08-Jun-24 21:00:01	20.323	0.000	1.084	1.219	2.086	13.789	1298860.074	207.697	0.049655	13.793076	0	0	0.001407	0.3908266	39.438	0.000	1.084	3.985	
08-Jun-24 22:00:01	22.814	0.000	0.853	1.010	4.383	14.739	887214.050	140.422	0.037223	10.339656	0	0	0.000749	0.2079006	47.414	0.000	0.853	9.026	
08-Jun-24 23:00:01	22.060	0.000	0.921	1.069	7.586	14.788	925429.077	158.638	0.038409	10.669188	0	0	0.000852	0.2366346	46.221	0.000	0.921	16.784	
09-Jun-24 00:00:01	22.112	0.000	0.989	1.131	7.382	14.348	918607.300	145.858	0.038215	10.615385	0	0	0.000909	0.2524734	46.721	0.000	0.989	15.404	
09-Jun-24 01:00:01	20.860	0.000	1.119	1.292	7.950	14.386	861091.133	142.701	0.033817	9.393583	0	0	0.000965	0.2678103	44.331	0.000	1.119	16.937	
09-Jun-24 02:00:01	17.812	0.000	1.358	1.348	17.023	14.054	1247850.813	197.076	0.041186	11.418213	0	0	0.001507	0.4185325	36.426	0.000	1.358	34.631	
09-Jun-24 03:00:01	23.813	0.000	1.078	1.234	0.000	13.508	1553290.642	259.379	0.069006	19.168179	0	0	0.001675	0.4652912	44.573	0.000	1.078	0.000	
09-Jun-24 04:00:01	20.122	0.000	1.081	1.222	3.197	13.882	1324292.725	205.064	0.050134	13.925662	0	0	0.001431	0.3976073	39.713	0.000	1.081	6.128	
09-Jun-24 05:00:01	21.501	0.000	1.112	1.249	2.308	13.818	1165796.462	180.956	0.047190	13.110867	0	0	0.001297	0.3603938	42.061	0.000	1.112	4.389	
09-Jun-24 06:00:01	19.697	0.000	1.347	1.502	13.100	14.172	953895.267	146.572	0.035347	9.818697	0	0	0.001286	0.3569816	40.534	0.000	1.347	25.962	
09-Jun-24 07:00:01	23.841	0.000	1.114	1.296	3.343	14.191	879808.843	142.040	0.039454	10.959409	0	0	0.000980	0.2721329	49.171	0.000	1.114	6.903	
09-Jun-24 08:00:01	23.778	0.000	0.939	1.067	4.178	14.300	918015.903	142.078	0.040931	11.369642	0	0	0.000850	0.2360129	49.881	0.000	0.939	8.847	
09-Jun-24 09:00:01	23.299	0.000	0.911	1.057	4.088	14.283	865343.732	141.955	0.037933	10.536809	0	0	0.000788	0.2190200	48.752	0.000	0.911	8.538	
09-Jun-24 10:00:01	23.584	0.000	1.039	1.195	3.318	14.259	871440.186	140.982	0.038617	10.726898	0	0	0.000905	0.2514924	49.074	0.000	1.039	6.887	
09-Jun-24 11:00:01	22.500	0.000	1.084	1.228	5.859	14.313	841877.888	141.496	0.035638	9.899547	0	0	0.000913	0.2535209	47.305	0.000	1.084	12.376	
09-Jun-24 12:00:01	22.569	0.000	1.135	1.290	5.481	14.342	898214.111	142.411	0.038308	10.640906	0	0	0.001018	0.2831374	47.853	0.000	1.135	11.674	
09-Jun-24 13:00:01	21.984	0.000	1.062	1.191	6.410	14.264	896038.757	142.468	0.037061	10.294887	0	0	0.000951	0.2642225	45.985	0.000	1.062	13.422	
09-Jun-24 14:00:01	19.073	0.000	1.234	1.373	6.832	14.325	806876.282	143.769	0.030892	8.580901	0	0	0.001082	0.2950382	40.041	0.000	1.234	14.116	
09-Jun-24 15:00:01	21.597	0.000	1.239	1.350	7.507	14.263	905326.172	142.008	0.036776	10.215638	0	0	0.001122	0.3116974	44.972	0.000	1.239	15.577	
09-Jun-24 16:00:01	22.421	0.000	1.274	1.404	5.070	14.290	912268.663	141.657	0.038463	10.880687	0	0	0.001162	0.3228756	47.010	0.000	1.274	15.477	
09-Jun-24 17:00:01	21.985	0.000	1.205	1.340	8.502	14.338	845692.903	142.806	0.034478	9.577188	0	0	0.001023	0.2841040	45.545	0.000	1.305	17.735	
09-Jun-24 18:00:01	19.582	0.000	1.485	1.627	9.976	14.144	1087268.068	165.586	0.040658	11.128546	0	0	0.001615	0.4485221	40.371	0.000	1.485	20.313	
09-Jun-24 19:00:01	20.591	0.000	1.034	1.178	3.972	13.954	1274318.340	213.016	0.049367	13.712948	0	0	0.001318	0.3660714	41.050	0.000	1.034	7.386	
09-Jun-24 20:00:01	19.330	0.000	1.118	1.251	10.139	14.142	1143905.029	194.092	0.041620	11.561828	0	0	0.001276	0.3545549	39.525	0.000	1.118	20.696	
09-Jun-24 21:00:01	22.204	0.000	0.892	1.031	0.097	13.743	1400095.369	231.296	0.061122	16.975482	0	0	0.001249	0.3469788	44.902	0.000	0.892	0.109	
09-Jun-24 22:00:01	23.353	0.000	0.917	1.058	3.133	14.382	870846.706	139.447	0.038243	10.624579	0	0	0.000798	0.2217987	49.616	0.000	0.917	6.905	
09-Jun-24 23:00:01	22.829	0.000	0.984	1.128	1.392	13.957	1202590.088	190.837	0.051200	14.222214	0	0	0.001183	0.3288961	45.128	0.000	0.984	3.490	
10-Jun-24 00:00:01	22.740	0.000	1.051	1.193	4.624	14.323	870921.387	141.814	0.037290	10.360031	0	0	0.000915	0.2542096	47.647	0.000	1.051	9.698	
10-Jun-24 01:00:01	22.294	0.000	1.054	1.193	5.630	14.401	844246.239	139.810	0.035410	9.839218	0	0	0.000890	0.2472389	47.468	0.000	1.054	11.972	
10-Jun-24 02:00:01	23.043	0.000	1.055	1.227	6.499	14.414	866514.343	140.096	0.037587	10.435188	0	0	0.000914	0.2538251	49.183	0.000	1.095	13.575	
10-Jun-24 03:00:01	22.950	0.000	0.920	1.069	5.508	14.405	901391.482	141.524	0.038815	10.810861	0	0	0.000829	0.2303566	48.909	0.000	0.920	11.574	
10-Jun-24 04:00:01	22.885	0.000	1.024	1.160	6.054	14.336	879135.661	142.573	0.037187	10.329798	0	0	0.000896	0.2489939	47.833	0.000	1.024	12.661	
10-Jun-24 05:00:01	22.884	0.000	0.953	1.093	7.487	14.439	885983.826	148.758	0.038112	10.586814	0	0	0.000844	0.2345685	46.977	0.000	0.953	16.205	
10-Jun-24 06:00:01	19.370	0.000	0.954	1.098	5.148	14.250	1068963.276	181.618	0.038974	10.826119	0	0	0.001029	0.2832892	40.349	0.000	0.954	10.981	
10-Jun-24 07:00:01	22.897	0.000	0.856	1.001	6.492	14.477	926878.113	141.445	0.038384	10.662317	0	0	0.000769	0.2137430	48.913	0.000	0.856	14.040	
10-Jun-24 08:00:01	23.988	0.000	1.082	1.218	3.211	14.266	881488.936	150.458	0.038844	10.790101	0	0	0.000932	0.2589078	50.017	0.000	1.082	6.931	
10-Jun-24 09:00:01	22.850	0.000	0.913	1.058	8.427	14.505	847278.992	140.630	0.036424	10.117871	0	0	0.000774	0.2149655	49.482	0.000	0.913	17.988	
10-Jun-24 10:00:01	23.342	0.005	1.057	1.217	5.084	14.380	858319.275	145.088	0.037694	10.470591	1.1101E-05	0.00308362	0.000907	0.2520814	49.416	0.000	1.057	10.696	
10-Jun-24 11:00:01	22.977	0.000	1.080	1.218	5.306	14.350	870980.170	142.241	0.037634	10.453827	0	0	0.000941	0.2612602	48.384	0.000	1.080	11.398	
10-Jun-24 12:00:01	22.992	0.000	1.242	1.385	5.957	14.293	902463.125	141.343	0.039038	10.843769	0	0	0.001120	0.3112437	48.157	0.000	1.242	12.477	
10-Jun-24 13:00:01	21.317	0.000	0.000	0.000	2.544	13.869	1278150.679	200.584	0.051260	14.238857	0	0	0.000000	-	41.904	0.000	0.000	4.920	
10-Jun-24 14:00:01	19.936	0.000	0.000	0.000	5.223	13.924	1169746.704	191.342	0.043871	12.186437	0	0	0.000000	-	39.579	0.000	0.000	10.368	
10-Jun-24 15:00:01	24.474	0.000	0.000	0.000	1.786	14.240	853752.991	141.676	0.039312	10.919978	0	0	0.000000	-	50.544	0.000	0.000	3.610	
10-Jun-24 16:00:01	22.705	0.000	0.000	0.000	6.981	14.419	874400.662	141.391	0.037355	10.376475	0	0	0.000000	-	48.435	0.000	0.000	14.782	
10-Jun-24 17:00:01	22.750	0.000	0.000	0.000	6.713	14.416	883309.609	141.552	0.037807	10.501813	0	0	0.000000	-	48.581	0.000	0.000	14.390	
10-Jun-24 18:00:01	21.659	0.000	0.000	0.000	9.460	14.420	894830.017	141.122	0.036463	10.126518	0	0	0.000000	-	46.253	0.000	0.000	20.395	
10-Jun-24 19:00:01	19.777	0.000	0.000	0.000	12.368	14.222	970118.630	162.968	0.036432	10.120097	0	0	0.000000	-	41.019	0.000	0.000	25.794	
10-Jun-24 20:00:01	20.650	0.000	0.000	0.000	3.720	14.434	882447.815	140.657	0.033993	9.442621	0	0	0.000000	-	44.847	0.000	0.000	7.991	
10-Jun-24 21:00:01	23.490	0.000	0.000	0.000	5.267	14.429	837687.663	140.849	0.037821	10.783511	0	0	0.000000	-	50.242	0.000	0.000	11.091	
10-Jun-24 22:00:01	23.382	0.007	0.000	0.000	4.415	14.403	818618.661	140.957	0.035881	9.994767	1.5284E-05	0.00424658	0.000000	-	49.775	0.003	0.000	9.617	
10-Jun-24 23:00:01	23.062	0.005	0.000	0.000	5.988	14.447	857024.119	140.634	0.037185	10.329087	1.1356E-05	0.00315604	0.000000	-	48.479	0.003	0.000	13.081	
11-Jun-24 00:00:01	23.822	0.001	0.000	0.000	4.090	14.428	854192.027	140.462	0.038282	10.634001	1.2828E-06	0.00035633	0.000000	-	50.933	0.000	0.000	8.504	

Site Name: GULF GUT
Stack Name: HRSG_STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition: NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	Emission Loading: NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	Emission Concentration for Standardization Comparison: HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-24 01:00:01	22.007	0.097	0.000	0.000	6.631	14.334	864921.545	140.139	0.035773	9.936950	0.00021986	0.06079567	0.000000	-	46.217	0.246	0.000	13.516	
11-Jun-24 02:00:01	23.509	0.035	0.000	0.000	4.188	14.426	842394.630	141.927	0.037255	10.349491	7.7116E-05	0.02142172	0.000000	-	50.046	0.075	0.000	8.937	
11-Jun-24 03:00:01	21.732	0.109	0.000	0.000	5.974	14.322	846490.691	141.116	0.034983	9.600705	0.00024129	0.06702294	0.000000	-	45.647	0.123	0.000	12.626	
11-Jun-24 04:00:01	19.458	0.000	0.000	0.000	6.456	14.391	870221.814	141.229	0.031795	8.832780	7.4948E-10	2.0689E-07	0.000000	-	41.264	0.000	0.000	13.600	
11-Jun-24 05:00:01	22.100	0.132	0.000	0.000	6.351	14.400	912869.922	141.393	0.037947	10.540858	0.00031517	0.08754812	0.000000	-	47.061	0.278	0.000	13.501	
11-Jun-24 06:00:01	24.168	0.199	0.000	0.000	2.723	14.303	867837.952	145.470	0.039482	10.970888	0.00045195	0.1255415	0.000000	-	50.169	0.412	0.000	5.593	
11-Jun-24 07:00:01	23.051	0.079	0.000	0.000	4.546	14.381	870891.246	141.643	0.037758	10.487855	0.00017985	0.04995003	0.000000	-	48.808	0.167	0.000	9.789	
11-Jun-24 08:00:01	22.157	0.271	0.000	0.000	6.530	14.305	864938.913	141.469	0.035639	9.899688	0.00060735	0.16876911	0.000000	-	46.617	0.571	0.000	13.589	
11-Jun-24 09:00:01	23.133	0.229	0.000	0.000	3.469	14.321	866361.602	141.660	0.037762	10.472705	0.00051946	0.14429338	0.000000	-	48.695	0.482	0.000	7.298	
11-Jun-24 10:00:01	23.654	0.184	0.000	0.000	3.878	14.297	876930.847	144.283	0.039355	10.932925	0.00037702	0.10472642	0.000000	-	50.025	0.382	0.000	8.033	
11-Jun-24 11:00:01	21.129	0.004	0.000	0.000	4.647	14.418	891458.882	141.707	0.035437	9.843575	9.8828E-06	0.00273067	0.000000	-	45.114	0.009	0.000	9.749	
11-Jun-24 12:00:01	23.222	0.170	0.000	0.000	4.579	14.431	887947.632	141.448	0.038795	10.776353	0.00038519	0.10977584	0.000000	-	49.535	0.389	0.000	9.930	
11-Jun-24 13:00:01	19.489	0.138	0.831	0.971	7.509	14.173	1269321.411	191.822	0.045065	12.773565	0.00045444	0.12623318	0.001046	0.2905538	40.002	0.287	0.881	15.069	
11-Jun-24 14:00:01	21.791	0.154	0.577	1.019	3.183	13.968	1259913.330	208.669	0.050633	14.120195	0.00049931	0.13869748	0.001088	0.3021696	43.712	0.311	0.877	4.310	
11-Jun-24 15:00:01	22.498	0.141	0.738	0.871	1.225	13.900	1182032.593	186.237	0.049188	13.662777	0.00042912	0.11919965	0.000858	0.2382268	44.515	0.336	0.738	2.736	
11-Jun-24 16:00:01	23.322	0.135	0.871	0.811	1.871	14.214	846328.613	140.099	0.040272	11.186742	0.00030926	0.08340642	0.000568	0.1578458	52.434	0.287	0.871	3.945	
11-Jun-24 17:00:01	20.830	0.002	0.584	0.695	3.135	14.335	889033.997	141.551	0.032882	9.133848	3.7821E-06	0.00104502	0.000473	0.1314448	43.927	0.000	0.584	6.450	
11-Jun-24 18:00:01	20.790	0.000	0.579	0.743	4.386	14.415	886922.852	141.120	0.034792	9.638441	0	0	0.000514	0.1428684	44.304	0.000	0.579	9.391	
11-Jun-24 19:00:01	23.121	0.176	0.668	0.809	7.775	14.490	886759.287	142.258	0.037794	10.473405	0.00039836	0.11065814	0.000578	0.1604207	49.538	0.379	0.668	16.742	
11-Jun-24 20:00:01	22.323	0.163	0.707	0.845	2.814	13.958	1040450.684	169.740	0.043697	12.137050	0.00041633	0.11564581	0.000735	0.2042612	44.510	0.311	0.707	5.552	
11-Jun-24 21:00:01	24.310	0.284	0.366	0.489	3.444	14.255	877284.659	143.159	0.040124	11.145664	0.0006522	0.1811663	0.000321	0.0892966	51.486	0.607	0.366	7.111	
11-Jun-24 22:00:01	22.300	0.308	0.490	0.627	6.776	14.419	862138.072	142.010	0.036171	10.047405	0.00068101	0.18134795	0.000422	0.1173250	47.832	0.675	0.490	14.439	
11-Jun-24 23:00:01	22.481	0.338	0.485	0.619	6.542	14.396	858943.359	141.819	0.036295	10.082645	0.00075952	0.21097855	0.000399	0.1109650	47.809	0.752	0.485	13.898	
12-Jun-24 00:00:01	23.269	0.245	0.553	0.782	6.207	14.372	845429.636	140.247	0.037011	10.280655	0.00054158	0.15052285	0.000552	0.1533689	49.208	0.517	0.553	10.990	
12-Jun-24 01:00:01	23.347	0.169	0.527	0.782	6.948	14.468	894544.678	149.888	0.039124	10.867809	0.0003714	0.10319658	0.000561	0.1558891	49.920	0.363	0.527	13.112	
12-Jun-24 02:00:01	23.988	0.223	0.728	0.860	5.280	14.414	871830.383	141.318	0.039362	10.933686	0.00050896	0.14165464	0.000617	0.1714947	51.217	0.475	0.708	11.281	
12-Jun-24 03:00:01	23.284	0.221	0.477	0.624	6.412	14.485	874701.477	143.962	0.038318	10.643825	0.00050514	0.14031648	0.000418	0.1159854	50.250	0.487	0.477	13.980	
12-Jun-24 04:00:01	22.306	0.178	0.448	0.580	6.371	14.409	872763.459	141.719	0.036958	10.266034	0.00040586	0.11273821	0.000391	0.1087239	47.380	0.378	0.448	13.405	
12-Jun-24 05:00:01	22.562	0.218	0.620	0.663	7.225	14.405	888760.000	141.925	0.037789	10.474788	0.00074835	0.20585192	0.000462	0.1283906	48.372	0.462	0.520	15.103	
12-Jun-24 06:00:01	23.087	0.264	0.637	0.760	5.452	14.411	876000.000	143.116	0.038137	10.593510	0.00060561	0.16822413	0.000559	0.1553252	49.245	0.561	0.637	11.720	
12-Jun-24 07:00:01	23.582	0.189	0.455	0.614	5.078	14.426	853938.972	142.467	0.037867	10.518822	0.00042161	0.11711413	0.000388	0.1079561	50.424	0.407	0.455	10.699	
12-Jun-24 08:00:01	23.159	0.294	0.553	0.688	5.272	14.347	882201.416	148.869	0.038406	10.668197	0.00067985	0.18884835	0.000488	0.1355564	48.891	0.623	0.553	10.835	
12-Jun-24 09:00:01	23.371	0.177	0.640	0.778	0.111	13.600	1400261.936	233.683	0.061649	17.124860	0.00064904	0.18028056	0.000898	0.2493433	45.691	0.344	0.640	0.081	
12-Jun-24 10:00:01	18.448	0.000	0.620	0.799	7.660	14.244	1034671.997	169.903	0.035812	9.975442	0	0	0.000642	0.1782444	38.384	0.000	0.620	16.378	
12-Jun-24 11:00:01	26.036	0.175	0.803	0.927	0.000	13.675	1540271.891	263.000	0.075448	20.957874	0.00070514	0.19587198	0.001237	0.3435790	50.135	0.337	0.803	0.000	
12-Jun-24 12:00:01	25.741	0.157	0.923	1.067	0.000	13.674	1541436.738	266.687	0.072909	20.252574	0.00063365	0.17601426	0.001423	0.3953811	47.548	0.306	0.923	0.000	
12-Jun-24 13:00:01	25.548	0.051	0.484	0.623	0.000	13.525	1540363.281	264.513	0.074164	20.600642	0.00020687	0.05749364	0.000748	0.2076959	47.966	0.113	0.484	0.000	
12-Jun-24 14:00:01	18.887	0.000	0.387	2.499	2.143	13.966	1298553.346	257.426	0.046142	12.817361	0	0	0.000464	0.1287666	37.722	0.000	0.387	4.005	
12-Jun-24 15:00:01	26.432	0.067	0.355	0.497	0.000	13.642	1520784.771	261.972	0.075627	21.007360	0.00026696	0.07416333	0.000540	0.1500791	49.784	0.132	0.355	0.000	
12-Jun-24 16:00:01	25.450	0.109	0.460	0.629	0.016	13.680	1475533.325	251.276	0.070650	19.624643	0.00041931	0.11647506	0.000709	0.1968750	48.191	0.205	0.460	0.014	
12-Jun-24 17:00:01	23.106	0.068	0.338	0.483	5.300	14.303	873326.950	142.038	0.037963	10.545331	0.00015488	0.04302215	0.000295	0.0819571	48.472	0.157	0.338	11.294	
12-Jun-24 18:00:01	22.880	0.037	0.298	0.440	5.874	14.339	855389.160	142.739	0.036731	10.203181	8.3762E-05	0.02326732	0.000258	0.0711785	47.925	0.144	0.298	12.534	
12-Jun-24 19:00:01	22.537	0.095	0.269	0.413	5.659	14.259	902029.863	151.754	0.038288	10.629071	0.00022402	0.06222646	0.000242	0.0671341	46.989	0.198	0.269	11.476	
12-Jun-24 20:00:01	22.213	0.069	0.381	0.525	7.138	14.343	851094.971	141.158	0.035999	9.998015	0.0001556	0.04322276	0.000311	0.0863807	46.697	0.137	0.381	15.107	
12-Jun-24 21:00:01	21.732	0.000	0.337	0.474	7.127	14.322	826439.941	140.356	0.033744	9.373380	7.0383E-07	0.00019551	0.000279	0.0773568	45.675	0.000	0.337	14.767	
12-Jun-24 22:00:01	23.019	0.046	0.362	0.505	7.908	14.351	863892.078	141.330	0.036605	10.168804	0.00010614	0.0294841	0.000320	0.0889379	48.661	0.096	0.362	16.578	
12-Jun-24 23:00:01	23.029	0.001	0.371	0.523	7.645	14.316	829011.292	141.148	0.037093	10.303667	2.3141E-06	0.00064281	0.000332	0.0921588	48.291	0.003	0.371	16.087	
13-Jun-24 00:00:01	24.972	0.001	0.296	0.440	2.151	14.257	856750.549	146.870	0.040205	11.167623	1.5858E-06	0.00044322	0.000253	0.0703837	52.285	0.010	0.296	6.643	
13-Jun-24 01:00:01	24.249	0.000	0.322	0.493	0.000	13.683	1440827.148	249.835	0.066143	18.373074	0	0	0.000467	0.1297743	46.423	0.000	0.322	0.000	
13-Jun-24 02:00:01	20.081	0.006	0.293	0.436	4.374	14.302	884291.099	141.967	0.033374	9.270461	1.3533E-05	0.00375929	0.000259	0.0720002	42.098	0.000	0.293	9.167	
13-Jun-24 03:00:01	19.583	0.002	0.317	0.457	6.665	14.348	865287.292	141.672	0.031850	8.847322	4.3467E-06	0.00120578	0.000275	0.0762741	41.300	0.000	0.317	14.059	
13-Jun-24 04:00:01	22.249	0.000	0.350	0.482	6.791	14.387	851356.257	141.535	0.035637	9.899134	0	0	0.000298	0.0828590	47.079	0.000	0.350	14.232	
13-Jun-24 05:00:01	22.999	0.078	0.233	0.387	6.446	14.412	883682.135	144.147	0.038158	10.597826	0.00017579	0.04883071	0.000206	0.0572148	49.087	0.176	0.233	13.733	
13-Jun-24 06:00:01	22.584	0.001	0.422	0.536	6.264	14.389	853717.324	141.823	0.036274	10.076184	2.8593E-06	0.00082291	0.000360	0.1001003	48.026	0.001	0.422	13.274	
13-Jun-24 07:00:01	23.330	0.001	0.114	0.268	6.085	14.422	877895.812	141.397	0.038534	10.703836	3.3601E-06	0.00093337	0.000100	0.0277781	49.635	0.000	0.114	12.975	
13-Jun-24 08:00:01	23.384	0.069	0.066	0.192	5.436	14.391	850351.624	142.744	0.036731	10.758490	0.00015879	0.04410945	0.000048	0.0134300	49.756	0.146	0.066	11.601	
13-Jun-24 09:00:01	19.601	0.000	0.254	0.409	6.224	14.454	874960.779	141.859	0.032429	9.007876	0	0	0.000232	0.0644692	42.086	0.000	0.254	13.259	
13-Jun-24 10:00:01	22.617	0.000	0.400	0.539	8.465	14.441	867431.919	141.009	0.036910	10.252679	0	0	0.000347	0.0963996	48.456	0.003	0.400	18.362	
13-Jun-24 11:00:01	22.404	0.098	0.390	0.537	9.114	14.402	880429.912	141.487	0.036412	10.114476	0.00022027	0.06118475	0.000336	0.0932459	48.298	0.206	0.390	19.380	
13-Jun-24 12:00:01	22.465	0.000	0.471	0.584	5.302	14.322	863242.432	141.249	0.036486	10.135095	0	0	0.000369	0.1024298	47.298	0.000	0.437	10.967	
13-Jun-24 13:00:01	22.901	0.063	0.379	0.508	7.297	14.394	887365.330	147.383	0.038233	10.620386	0.00014538	0.04038548	0.000336	0.0932993	48.748	0.100	0.379	15.479	
13-Jun-24 14:00:02	23.622	0.040	0.392	0.534	4.901	14.311	884054.407	140.102	0.038279	10.633024	8.9948E-05	0.02498560	0.000339	0.0941939	49.420	0.081	0.392	10.217	
13-Jun-24 15:00:02	21.921	0.027	0.483	0.646	8.956	14.354	869519.287	140.187	0.035860	9.961122	6.0528E-05	0.01680580	0.000420	0.1166618	46.326	0.064	0.483	18.560	
13-Jun-24 16:00:02	23.472	0.000	0.336	0.500	4.987	14.285	871379.630	140.241	0.038480	10.688860	0	0	0.000292	0.0810970	49.266	0.000	0.335	10.112	
13-Jun-24 17:00:02	21.659	0.000	0.438	0.588	7.971	14.369	871238.626	140.958	0.035502	9.861738	0	0	0.000380	0.1055188	45.911	0.000	0.438	17.029	
13-Jun-24 18:00:02	17.665	0.000	0.698	0.815	16.610	14.186	1157172.729	181.594	0.038937	10.815667	0	0	0.000774	0.2148868	35.876	0.000	0.698	32.161	
13-Jun-24 19:00:02	28.086	0.000	0.396	0.535	0.000	13.492	1554960.952	263.424	0.064486	17.907355	0	0	0.000616	0.1711790	41.218	0.000	0.396	0.000	
13-Jun-24 20:00:02	26.417	0.000	0.331	0.475	0.000	13.578	1585187.012	265.909	0.069837	19.399215	0	0	0.000524	0.1456590	44.709	0.000	0.331	0.000	
13-Jun-24 21:00:02	26.570	0.000	0.324	0.472	0.000	13.499	1528864.868	265.321	0.073548	20.430004	0	0	0.000495	0.1375050	47.678	0.000	0.324	0.000	
13-Jun-24 22:00:02	24.066	0.000	0.438	0.602	0.000	13.398	1570374.268	253.017	0.072876	20.243204	0	0	0.000689	0.1912578	45.155	0.000	0.438	0.000	
13-Jun-24 23:00:02	24.513	0.000	0.486	0.631	0.000	13.459	1536263.203	252.221	0.071001	19.722407	0	0	0.000746	0.2071964	45.782	0.000	0.486	0.000	
14-Jun-24 00:00:02	19.506	0.000	0.414	0.585	0.000	13.478	1535167.627	251.587	0.057258	15.904888	0	0	0.000636	0.1766518	37.034	0.000	0.414	0.000	
14-Jun-24 01:00:02	22.920	0.000	0.500	0.642	0.000	13.530	1542771.561	265.752	0.066526	18.479553	0	0	0.000771	0.2142306	43.592	0.000	0.500	0.000	
14-Jun-24 02:00:02	23.035	0.000	0.487	0.622	0.000	13.535	1562467.041	264.507	0.070360	19.544360	0	0	0.000760	0.2112035	45.075	0.000	0.487	0.000	
14-Jun-24 03:00:02	23.368	0.000	0.417	0.656	0.000	13.588	1572803.345	258.549	0.069138	19.204068	0	0	0.000656	0.1823202	44.135	0.000	0.417	0.000	
14-Jun-24 04:00:02	23.177	0.000	0.454	0.596	0.000	13.602	1608203.736	268.182	0.070129	19.479188	0	0	0.000730	0.2026677	43.997	0.000	0.454	0.000	
14-Jun-24 05:00:02	23.442	0.001	0.438	0.565	0.000	13.602	1539791.709	261.648	0.067908	18.863374	0	0	0.000674	0.1872833	44.491	0.000	0.438	0.000	
14-Jun-24 06:00:02	24.913	0.000	0.458	0.589	0.000	13.580	1577111.480	267.535	0.073920	20.533354	0	0	0.000719	0.1996102	47.155	0.000	0.458	0.000	
14-Jun-24 07:00:02	22.425	0.003	0.268	0.414	0.338	13.793	1443057.963	252.943	0.063553	17.653826	1.8887E-05	0.00362292	0.000387	0.1074300	45.371	0.000	0.268	0.000	
14-Jun-24 08:00:02	23.788	0.000	0.381	0.506	0.000	13.988	1020841.260	200.036	0.067867	18.885374	0	0	0.000580	0.1610661	45.034	0.000	0.381	0.000	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-24 09:00:02	17.591	0.000	0.643	0.777	11.109	14.324	985788.696	164.881	0.032625	9.063366	0	0	0.000634	0.1759766	37.033	0.000	0.643	23.034	
14-Jun-24 10:00:02	23.407	0.000	0.367	0.604	3.796	14.302	856751.221	141.113	0.037726	10.480191	0	0	0.000315	0.0873883	49.122	0.000	0.367	7.929	
14-Jun-24 11:00:02	22.988	0.000	0.389	0.534	6.179	14.332	879535.461	140.906	0.037842	10.511548	0	0	0.000342	0.0950579	48.211	0.000	0.389	10.974	
14-Jun-24 12:00:02	22.404	0.000	0.393	0.504	5.884	14.294	847606.750	144.113	0.035727	9.924258	0	0	0.000333	0.0925852	45.901	0.000	0.393	12.278	
14-Jun-24 13:00:02	20.980	0.000	0.367	0.502	2.281	13.879	1269577.881	211.903	0.050111	13.918762	0	0	0.000466	0.1294334	41.360	0.000	0.367	4.581	
14-Jun-24 14:00:02	20.832	0.000	0.530	0.587	11.188	14.259	862835.936	137.381	0.033817	9.393479	0	0	0.000458	0.1271112	43.448	0.000	0.530	23.171	
14-Jun-24 15:00:02	20.536	0.000	0.421	0.569	14.135	14.387	878808.766	150.494	0.034475	9.576284	0	0	0.000378	0.1026004	44.372	0.000	0.421	30.105	
14-Jun-24 16:00:02	17.395	0.000	0.521	0.564	16.221	14.289	806331.299	147.917	0.025933	7.203610	0	0	0.000420	0.1167369	35.799	0.000	0.521	31.295	
14-Jun-24 17:00:02	24.796	0.000	0.364	0.521	0.000	13.519	1498591.563	264.237	0.069819	19.394054	0	0	0.000544	0.1512297	46.549	0.000	0.364	0.000	
14-Jun-24 18:00:02	25.589	0.000	0.383	0.521	0.000	13.481	1554680.420	263.046	0.075138	20.871870	0	0	0.000595	0.1653833	47.972	0.000	0.383	0.000	
14-Jun-24 19:00:02	24.526	0.000	0.461	0.589	0.000	13.514	1526299.310	260.659	0.070628	19.618974	0	0	0.000704	0.1954699	46.132	0.000	0.461	0.000	
14-Jun-24 20:00:02	24.138	0.000	0.425	0.569	0.000	13.509	1569487.671	263.738	0.070821	19.672449	0	0	0.000667	0.1852888	46.242	0.000	0.428	0.000	
14-Jun-24 21:00:02	24.547	0.000	0.418	0.563	0.000	13.476	1508375.488	257.651	0.069661	19.350367	0	0	0.000631	0.1752196	46.821	0.000	0.418	0.000	
14-Jun-24 22:00:02	24.331	0.000	0.459	0.596	0.000	13.565	1520909.033	263.480	0.069602	19.333932	0	0	0.000698	0.1940244	46.965	0.000	0.459	0.000	
14-Jun-24 23:00:02	26.225	0.000	0.456	0.596	0.000	13.664	1649381.830	266.021	0.073532	20.425902	0	0	0.000766	0.1962454	47.644	0.000	0.436	0.000	
15-Jun-24 00:00:02	20.855	0.000	0.332	0.471	0.000	13.593	1508407.237	257.328	0.059198	16.440430	0	0	0.000500	0.1389013	39.578	0.000	0.332	0.000	
15-Jun-24 01:00:02	20.931	0.000	0.424	0.565	0.000	13.638	1543013.306	254.023	0.060733	16.870262	0	0	0.000654	0.1817445	39.909	0.000	0.424	0.000	
15-Jun-24 02:00:02	21.872	0.000	0.384	0.538	0.000	13.645	1534126.953	253.322	0.063136	17.538874	0	0	0.000589	0.1634771	41.771	0.000	0.384	0.000	
15-Jun-24 03:00:02	23.395	0.000	0.423	0.583	0.000	13.659	1575822.876	265.862	0.069361	19.267087	0	0	0.000666	0.1851344	44.175	0.000	0.423	0.000	
15-Jun-24 04:00:02	21.157	0.000	0.390	0.538	0.023	13.533	1469745.483	254.879	0.061268	17.018887	0	0	0.000573	0.1592972	41.672	0.000	0.390	0.028	
15-Jun-24 05:00:02	23.093	0.000	0.517	0.641	0.000	13.561	1534093.872	262.244	0.066651	18.514121	0	0	0.000794	0.2204705	43.596	0.000	0.517	0.000	
15-Jun-24 06:00:02	23.406	0.000	0.515	0.663	0.000	13.565	1593555.054	269.505	0.070175	19.492950	0	0	0.000820	0.2277732	43.859	0.000	0.515	0.000	
15-Jun-24 07:00:02	22.958	0.000	0.259	0.408	4.181	14.270	909436.036	141.011	0.038782	10.772658	0	0	0.000236	0.0655154	47.190	0.000	0.259	8.645	
15-Jun-24 08:00:02	18.395	0.000	0.590	0.722	6.501	14.061	1219368.567	199.978	0.038758	10.766150	0	0	0.000729	0.1999822	34.170	0.000	0.590	11.049	
15-Jun-24 09:00:02	22.078	0.000	0.453	0.596	6.512	14.327	871874.390	142.365	0.034138	9.482606	0	0	0.000372	0.1034657	45.901	0.000	0.453	13.805	
15-Jun-24 10:00:02	23.862	0.000	0.548	0.691	4.337	14.203	872667.297	140.418	0.039177	10.882531	0	0	0.000478	0.1328861	49.327	0.000	0.548	8.922	
15-Jun-24 11:00:02	23.585	0.000	0.332	0.474	2.313	14.003	1059620.860	163.633	0.047018	13.060607	0	0	0.000352	0.0977999	47.343	0.000	0.332	4.715	
15-Jun-24 12:00:02	21.218	0.000	0.427	0.569	6.409	14.361	856865.925	141.571	0.034286	9.523740	0	0	0.000367	0.1019732	44.944	0.000	0.427	13.471	
15-Jun-24 13:00:02	22.835	0.000	0.625	0.697	0.000	13.544	1649024.048	262.319	0.065967	18.324091	0	0	0.000818	0.2270907	42.635	0.000	0.625	0.000	
15-Jun-24 14:00:02	23.559	0.000	0.316	0.471	4.229	14.351	913346.069	154.672	0.038936	10.815677	0	0	0.000290	0.0805644	47.906	0.000	0.318	8.916	
15-Jun-24 15:00:02	23.155	0.000	0.284	0.437	4.068	14.336	790135.498	139.012	0.034422	9.561825	0	0	0.000224	0.0622727	46.818	0.000	0.284	8.636	
15-Jun-24 16:00:02	20.778	0.000	0.390	0.550	7.276	14.069	1010432.861	171.294	0.039500	10.972158	0	0	0.000394	0.1096016	41.978	0.000	0.390	14.348	
15-Jun-24 17:00:02	23.892	0.000	0.265	0.404	2.448	14.277	864871.626	142.684	0.038877	10.799132	0	0	0.000229	0.0637484	48.949	0.000	0.265	4.995	
15-Jun-24 18:00:02	19.394	0.000	0.487	0.622	16.341	14.291	846979.493	141.582	0.030904	8.584310	0	0	0.000386	0.1068226	40.633	0.000	0.487	34.182	
15-Jun-24 19:00:02	22.673	0.000	0.388	0.504	0.090	13.776	1334154.175	202.931	0.056911	15.808707	0	0	0.000488	0.1355418	44.078	0.000	0.388	0.112	
15-Jun-24 20:00:02	26.726	0.000	0.292	0.441	0.000	13.656	1419926.382	248.683	0.071396	19.832732	0	0	0.000415	0.1153544	51.188	0.000	0.292	0.000	
15-Jun-24 21:00:02	25.490	0.000	0.380	0.537	0.000	13.471	1558166.354	263.849	0.075205	20.890277	0	0	0.000596	0.1654275	47.535	0.000	0.380	0.000	
15-Jun-24 22:00:02	24.137	0.000	0.454	0.611	0.000	13.560	1528938.477	262.730	0.069346	19.261181	0	0	0.000709	0.1969930	45.504	0.000	0.454	0.000	
15-Jun-24 23:00:02	23.085	0.000	0.392	0.535	0.108	13.558	1389752.441	234.215	0.059492	16.525502	0	0	0.000537	0.1491909	43.574	0.000	0.392	0.083	
16-Jun-24 00:00:02	24.384	0.000	0.582	0.694	0.000	13.968	1640311.548	266.703	0.070682	19.628411	0	0	0.000851	0.2362974	46.058	0.000	0.582	0.000	
16-Jun-24 01:00:02	20.728	0.000	0.515	0.663	0.000	13.566	1469912.964	256.434	0.058063	16.128535	0	0	0.000767	0.2130045	39.154	0.000	0.515	0.000	
16-Jun-24 02:00:02	24.519	0.000	0.483	0.621	0.000	13.611	1477891.550	256.942	0.068165	18.934815	0	0	0.000714	0.1983385	46.361	0.000	0.483	0.000	
16-Jun-24 03:00:02	22.472	0.000	0.459	0.607	0.000	13.517	1463453.369	251.925	0.061873	17.186947	0	0	0.000672	0.1865349	42.161	0.000	0.459	0.000	
16-Jun-24 04:00:02	18.787	0.000	0.544	0.696	16.511	14.091	929934.531	146.219	0.031667	8.796317	0	0	0.000488	0.1354578	38.205	0.000	0.544	33.604	
16-Jun-24 05:00:02	23.227	0.000	0.381	0.633	3.813	14.249	878296.570	141.716	0.038360	10.661172	0	0	0.000335	0.0930544	48.347	0.000	0.381	7.823	
16-Jun-24 06:00:02	24.177	0.000	0.330	0.474	2.311	14.217	857694.836	143.119	0.039023	10.839681	0	0	0.000283	0.0786787	50.097	0.000	0.330	4.599	
16-Jun-24 07:00:02	18.004	0.000	0.544	0.688	13.029	14.380	850643.738	142.486	0.028814	8.003962	0	0	0.000463	0.1285185	38.020	0.000	0.544	27.296	
16-Jun-24 08:00:02	22.956	0.000	0.520	0.684	7.426	14.443	867348.262	143.279	0.036880	10.240002	0	0	0.000451	0.1253008	48.438	0.000	0.520	16.321	
16-Jun-24 09:00:02	22.535	0.000	0.522	0.677	6.924	14.356	882079.629	142.307	0.037398	10.388219	0	0	0.000461	0.1280059	47.675	0.000	0.522	14.639	
16-Jun-24 10:00:02	22.924	0.000	0.526	0.669	7.637	14.411	877865.316	143.376	0.037862	10.517309	0	0	0.000463	0.1287463	48.901	0.000	0.528	16.519	
16-Jun-24 11:00:02	22.680	0.000	0.543	0.686	6.979	14.372	862532.349	142.844	0.036643	10.178517	0	0	0.000468	0.1300134	47.883	0.000	0.543	14.905	
16-Jun-24 12:00:02	22.272	0.000	0.514	0.661	8.472	14.363	841723.938	143.113	0.035270	9.797093	0	0	0.000433	0.1202616	47.188	0.000	0.514	18.175	
16-Jun-24 13:00:02	22.831	0.000	0.405	0.556	6.512	14.316	858311.707	149.623	0.036866	10.240604	0	0	0.000347	0.0964717	48.020	0.000	0.405	13.478	
16-Jun-24 14:00:02	24.800	0.000	0.417	0.505	1.485	14.170	990277.893	169.470	0.046205	12.834608	0	0	0.000413	0.1146142	51.318	0.000	0.417	2.694	
16-Jun-24 15:00:02	24.872	0.000	0.274	0.417	0.000	13.627	1501561.569	252.576	0.070265	19.518148	0	0	0.000412	0.1143612	47.393	0.000	0.274	0.000	
16-Jun-24 16:00:02	25.140	0.000	0.291	0.429	0.000	13.579	1395826.172	235.620	0.066068	18.352118	0	0	0.000406	0.1127531	47.590	0.000	0.291	0.000	
16-Jun-24 17:00:02	24.686	0.000	0.482	0.626	0.000	13.926	1565196.632	263.090	0.072701	20.194593	0	0	0.000754	0.2094945	46.453	0.000	0.482	0.000	
16-Jun-24 18:00:02	25.510	0.000	0.430	0.579	0.008	13.681	1355688.426	232.374	0.059959	16.655261	0	0	0.000582	0.1618012	46.350	0.000	0.430	0.004	
16-Jun-24 19:00:02	23.233	0.000	0.423	0.587	0.000	13.681	1524891.113	261.026	0.066747	18.540901	0	0	0.000645	0.1791561	44.656	0.000	0.423	0.000	
16-Jun-24 20:00:02	26.630	0.030	0.254	0.402	0.000	13.720	1569727.569	263.430	0.077852	21.625481	0.0001242	0.03449864	0.000395	0.1100085	51.188	0.083	0.254	0.000	
16-Jun-24 21:00:02	24.771	0.000	0.379	0.509	0.000	13.654	1600050.537	261.001	0.074568	20.713407	0	0	0.000606	0.1683309	47.361	0.000	0.379	0.000	
16-Jun-24 22:00:02	23.279	0.000	0.496	0.638	0.000	13.603	1504870.728	250.334	0.065909	18.308051	0	0	0.000747	0.2074605	44.198	0.000	0.496	0.000	
16-Jun-24 23:00:02	20.775	0.000	0.543	0.677	0.000	13.644	1474208.433	250.361	0.057627	16.007523	0	0	0.000800	0.2223217	39.193	0.000	0.543	0.000	
17-Jun-24 00:00:02	22.493	0.005	0.397	0.569	9.568	14.564	791466.436	141.654	0.033493	9.303596	1.736E-05	0.00482236	0.000314	0.0873326	49.063	0.000	0.397	21.882	
17-Jun-24 01:00:02	18.990	0.003	0.270	0.412	2.929	13.949	1146748.291	189.774	0.040372	11.214429	8.1838E-06	0.00227328	0.000311	0.0862548	37.233	0.005	0.270	5.672	
17-Jun-24 02:00:02	21.702	0.002	0.065	0.226	2.337	14.331	849693.420	143.870	0.034693	9.636829	4.6056E-06	0.00127933	0.000072	0.0199695	40.753	0.000	0.065	5.201	
17-Jun-24 03:00:02	23.652	0.110	0.146	0.289	4.621	14.430	792869.648	143.136	0.035729	9.924718	0.00022661	0.06350404	0.000116	0.0322229	51.405	0.230	0.145	9.809	
17-Jun-24 04:00:02	20.656	0.000	0.139	0.264	4.106	14.333	844894.697	142.487	0.032636	9.130717	0	0	0.000117	0.0326170	43.538	0.000	0.139	8.363	
17-Jun-24 05:00:02	23.976	0.001	0.103	0.254	5.006	14.341	830809.375	141.770	0.036842	10.233812	1.6271E-06	0.00045198	0.000086	0.0237785	49.758	0.005	0.103	10.622	
17-Jun-24 06:00:02	23.794	0.000	0.183	0.319	4.472	14.267	800456.858	141.988	0.035833	9.953700	0	0	0.000146	0.0406116	49.858	0.002	0.183	9.429	
17-Jun-24 07:00:02	24.080	0.054	0.276	0.407	5.305	14.335	849172.383	142.778	0.038470	10.686158	0.00012102	0.03361732	0.000235	0.0651958	50.792	0.111	0.278	10.953	
17-Jun-24 08:00:02	24.066	0.135	0.105	0.262	5.356	14.413	829881.695	145.383	0.037308	10.363269	0.00029968	0.08330063	0.000086	0.0240224	51.355	0.281	0.105	11.291	
17-Jun-24 09:00:02	24.847	0.197	0.053	0.194	2.369	14.340	853784.821	140.802	0.040054	11.126038	0.00043917	0.12190202	0.000045	0.0126072	52.653	0.443	0.053	5.142	
17-Jun-24 10:00:02	23.287	0.138	0.264	0.407	4.918	14.366	845816.804	140.995	0.037057	10.293537	0.00030542	0.0848481	0.000223	0.0619266	49.222	0.290	0.264	10.524	
17-Jun-24 11:00:02	22.839	0.000	0.428	0.571	5.597	14.254	851503.987	140.370	0.036248	10.068425	0	0	0.000363	0.1007254	47.162	0.000	0.428	11.732	
17-Jun-24 12:00:02	22.789	0.000	0.492	0.640	4.388	14.304	837514.456	141.233	0.035009	9.974877	1.477E-07	4.1026E-05	0.000412	0.1144088	47.072	0.002	0.492	9.141	
17-Jun-24 13:00:02	20.373	0.016	0.293	0.417	14.063	14.159	1026194.458	179.698	0.040962	11.383962	4.4858E-05	0.01248783	0.000313	0.0870296	41.840	0.032	0.293	29.431	
17-Jun-24 14:00:02	23.792	0.000	0.203	0.350	3.915	14.122	862173.787	149.382	0.039487	10.968880	0	0	0.000179	0.0497541	48.609	0.000	0.203	8.254	
17-Jun-24 15:00:02	21.787	0.000	0.304	0.457	7.208	14.308	905146.356	140.965	0.037066	10.296769	0	0	0.000275	0.0762194	46.724	0.006	0.304	14.991	
17-Jun-24 16:00:02	22.645	0.000	0.225	0.378	4.334	14.316	857000.065	141.985	0.036874	10.242867	1.053E-06	0.00029251	0.000193	0.0535311	48.021	0.000	0.225	9.008	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	Remark
	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jun-24 17:00:02	22.598	0.018	0.369	0.507	7.648	14.381	845823.364	140.660	0.035167	9.752031	3.5896E-05	0.00997106	0.000304	0.0844150	48.622	0.026	0.369	16.166	
17-Jun-24 18:00:02	21.913	0.002	0.137	0.284	7.360	14.456	852877.747	140.258	0.035263	9.778724	8.3666E-07	0.00023324	0.000117	0.0325842	47.152	0.002	0.137	15.946	
17-Jun-24 19:00:02	21.274	0.168	0.002	0.090	4.021	14.062	1251458.374	204.048	0.050069	13.913717	0.00061613	0.1711465	0.000002	0.0005441	43.102	0.365	0.002	10.093	
17-Jun-24 20:00:02	24.166	0.137	0.173	0.299	0.000	13.601	1537121.948	259.787	0.069891	19.414226	0.00055038	0.15287795	0.000265	0.0737934	45.674	0.258	0.173	0.000	
17-Jun-24 21:00:02	22.686	0.000	0.145	0.287	0.000	13.643	1571773.804	262.890	0.064665	17.962432	0	0	0.000221	0.0613579	43.110	0.002	0.145	0.000	
17-Jun-24 22:00:02	23.099	0.108	0.081	0.237	5.760	14.328	956321.594	142.724	0.037650	10.458203	0.00024418	0.06782671	0.000070	0.0193827	48.606	0.262	0.081	12.756	
17-Jun-24 23:00:02	21.797	0.017	0.201	0.380	10.440	14.209	887582.826	143.338	0.036396	10.118916	4.0541E-05	0.01126144	0.000179	0.0498172	44.941	0.035	0.201	22.610	
18-Jun-24 00:00:02	20.454	0.000	0.362	0.501	19.901	14.346	854968.296	145.334	0.032888	9.134882	1.3842E-08	3.8451E-06	0.000310	0.0860253	43.207	0.001	0.362	42.703	
18-Jun-24 01:00:02	23.273	0.005	0.106	0.253	4.391	14.062	907109.619	158.303	0.043659	12.127541	1.2229E-05	0.00339701	0.000107	0.0298500	47.134	0.003	0.106	8.874	
18-Jun-24 02:00:02	30.063	0.000	0.169	0.329	0.135	13.715	1396485.107	235.869	0.052712	14.642290	0	0	0.000264	0.0734546	38.678	0.005	0.164	0.144	
18-Jun-24 03:00:02	22.700	0.000	0.000	0.133	2.368	13.935	1165600.393	192.951	0.050644	14.067896	5.212E-07	0.00014476	0.000000	-	44.057	0.002	0.000	4.568	
18-Jun-24 04:00:02	18.957	0.001	0.176	0.314	7.678	14.388	831213.745	143.523	0.029646	8.235052	2.8584E-06	0.00079426	0.000145	0.0405454	40.508	0.002	0.176	16.352	
18-Jun-24 05:00:02	22.571	0.000	0.238	0.378	5.809	14.319	901390.869	142.261	0.038278	10.632836	0	0	0.000213	0.0590460	47.478	0.000	0.238	12.221	
18-Jun-24 06:00:02	21.168	0.000	0.159	0.320	2.600	13.696	1121607.380	188.157	0.044647	12.401862	0	0	0.000189	0.0525007	41.840	0.000	0.159	5.190	
18-Jun-24 07:00:02	20.626	0.000	0.049	0.194	2.941	14.291	926546.684	141.489	0.034791	9.664154	0	0	0.000044	0.0121331	43.108	0.000	0.049	5.972	
18-Jun-24 08:00:02	22.340	0.000	0.252	0.401	6.666	14.252	919035.034	149.065	0.038456	10.682966	0	0	0.000232	0.0643168	46.319	0.000	0.252	12.040	
18-Jun-24 09:00:02	22.707	0.000	0.365	0.606	6.695	14.392	910130.127	141.175	0.038881	10.800276	0	0	0.000332	0.0921679	48.066	0.000	0.366	14.035	
18-Jun-24 10:00:02	22.681	0.000	0.327	0.487	6.171	14.315	878142.030	141.774	0.037369	10.385800	0	0	0.000287	0.0797837	47.578	0.000	0.327	12.953	
18-Jun-24 11:00:02	23.115	0.000	0.333	0.473	6.624	14.452	839632.679	141.984	0.036514	10.142761	0	0	0.000279	0.0775014	49.281	0.000	0.332	13.913	
18-Jun-24 12:00:02	19.256	0.000	0.301	0.453	5.578	14.333	837755.423	144.019	0.030368	8.435886	0	0	0.000254	0.0705142	40.545	0.000	0.303	11.821	
18-Jun-24 13:00:02	22.882	0.000	0.374	0.523	7.415	14.428	856074.280	140.903	0.036854	10.237148	0	0	0.000320	0.0890261	48.068	0.000	0.374	16.709	
18-Jun-24 14:00:02	20.973	0.000	0.267	0.419	8.333	14.126	1036294.839	177.041	0.040888	11.357977	0	0	0.000277	0.0769867	42.888	0.000	0.267	17.270	
18-Jun-24 15:00:02	17.640	0.000	0.389	0.563	6.926	14.104	874459.788	154.684	0.032352	8.988686	0	0	0.000375	0.1040610	35.841	0.000	0.368	13.517	
18-Jun-24 16:00:02	23.577	0.000	0.081	0.227	4.213	14.371	880441.040	141.741	0.039064	10.848277	0	0	0.000071	0.0198351	50.018	0.000	0.081	9.092	
18-Jun-24 17:00:02	25.360	0.000	0.128	0.273	0.000	13.699	1444157.715	247.874	0.068904	19.139666	0	0	0.000185	0.0514316	48.305	0.000	0.128	0.000	
18-Jun-24 18:00:02	21.860	0.000	0.106	0.264	1.762	14.043	1214519.787	196.659	0.049484	13.748369	0	0	0.000129	0.0358501	43.744	0.000	0.106	3.543	
18-Jun-24 19:00:02	18.387	0.000	0.547	0.689	14.333	14.148	1100080.200	187.877	0.040088	11.135092	0	0	0.000635	0.1763059	37.063	0.000	0.547	26.029	
18-Jun-24 20:00:02	24.162	0.000	0.391	0.632	0.000	13.512	1587741.059	259.327	0.071238	19.787876	0	0	0.000613	0.1702538	45.267	0.000	0.391	0.000	
18-Jun-24 21:00:02	23.769	0.000	0.329	0.480	0.000	13.538	1516928.945	253.764	0.067835	18.843115	0	0	0.000498	0.1382097	44.745	0.000	0.329	0.000	
18-Jun-24 22:00:02	19.579	0.000	0.356	0.501	8.308	14.013	978516.377	156.177	0.036046	10.012655	0	0	0.000346	0.0965482	39.364	0.000	0.356	17.540	
18-Jun-24 23:00:02	16.733	0.000	0.434	0.556	6.506	13.992	1107048.989	174.584	0.034826	9.674663	0	0	0.000447	0.1241936	33.551	0.000	0.434	13.748	
19-Jun-24 00:00:02	22.281	0.000	0.603	0.850	0.016	13.924	1600041.645	281.446	0.062961	17.497068	0	0	0.000755	0.2097981	41.875	0.000	0.503	0.018	
19-Jun-24 01:00:02	23.822	0.000	0.481	0.629	0.002	13.560	1598165.627	262.781	0.071068	19.747826	0	0	0.000763	0.2120667	44.982	0.000	0.481	0.000	
19-Jun-24 02:00:02	24.016	0.000	0.434	0.573	0.138	13.613	1484718.926	248.416	0.067283	18.838848	0	0	0.000644	0.1790254	45.571	0.000	0.434	0.182	
19-Jun-24 03:00:02	24.361	0.000	0.380	0.536	2.126	14.223	849218.237	141.984	0.038921	10.811489	0	0	0.000323	0.0897275	52.366	0.000	0.380	4.451	
19-Jun-24 04:00:02	19.873	0.000	0.257	0.407	3.970	14.314	850855.103	142.666	0.032037	8.899233	0	0	0.000220	0.0611549	41.799	0.000	0.257	8.296	
19-Jun-24 05:00:02	22.917	0.000	0.325	0.473	5.696	14.295	845422.168	143.681	0.036434	10.120919	0	0	0.000274	0.0762493	48.052	0.000	0.325	12.450	
19-Jun-24 06:00:02	22.434	0.000	0.316	0.469	6.321	14.350	875843.669	142.123	0.036966	10.268262	0	0	0.000276	0.0767501	47.451	0.000	0.316	13.151	
19-Jun-24 07:00:02	22.999	0.000	0.073	0.226	4.949	14.369	863086.976	141.504	0.037346	10.373893	0	0	0.000063	0.0175067	48.749	0.000	0.073	10.400	
19-Jun-24 08:00:02	22.878	0.000	0.299	0.443	5.308	14.319	817734.380	141.390	0.035194	9.776034	0	0	0.000245	0.0678971	48.138	0.000	0.299	11.082	
19-Jun-24 09:00:02	23.078	0.000	0.206	0.360	2.077	14.247	852692.950	141.486	0.037023	10.284226	0	0	0.000177	0.0492651	48.043	0.000	0.206	4.320	
19-Jun-24 10:00:02	23.452	0.000	0.389	0.523	4.661	14.279	859602.536	141.174	0.037929	10.535967	0	0	0.000334	0.0929144	49.042	0.000	0.389	9.763	
19-Jun-24 11:00:02	19.900	0.000	0.330	0.471	4.545	14.324	892910.828	140.823	0.033430	9.286139	0	0	0.000295	0.0818225	41.883	0.000	0.330	9.409	
19-Jun-24 12:00:02	22.669	0.000	0.342	0.504	4.732	14.379	826496.817	140.856	0.035240	8.791514	0	0	0.000283	0.0786741	47.418	0.000	0.342	9.865	
19-Jun-24 13:00:02	24.763	0.000	0.419	0.585	2.301	14.166	864722.412	134.825	0.040287	11.190876	0	0	0.000382	0.1060087	52.458	0.000	0.419	4.002	
19-Jun-24 14:00:02	24.476	0.000	0.425	0.570	2.992	14.148	870028.345	141.824	0.040105	11.140392	0	0	0.000370	0.1027900	56.149	0.000	0.425	5.645	
19-Jun-24 15:00:02	22.025	0.000	0.256	0.401	6.305	14.313	832740.906	141.336	0.034503	9.584253	0	0	0.000209	0.0579436	46.274	0.000	0.250	13.218	
19-Jun-24 16:00:02	23.158	0.000	0.205	0.350	4.948	14.369	831617.700	140.742	0.036402	10.111789	0	0	0.000171	0.0475464	49.387	0.000	0.205	10.626	
19-Jun-24 17:00:02	22.632	0.000	0.233	0.373	4.240	14.271	813902.964	140.914	0.034982	9.711633	0	0	0.000190	0.0527864	37.887	0.000	0.233	2.079	
19-Jun-24 18:00:02	21.520	0.000	0.232	0.375	6.726	14.368	860372.253	141.713	0.034650	9.660522	0	0	0.000200	0.0554591	45.625	0.000	0.232	14.349	
19-Jun-24 19:00:02	19.434	0.000	0.162	0.301	8.858	14.369	981647.400	161.126	0.035391	9.950793	0	0	0.000159	0.0440788	41.204	0.000	0.162	18.744	
19-Jun-24 20:00:02	21.275	0.000	0.000	0.098	6.494	14.124	1116376.221	169.169	0.044695	12.412469	0	0	0.000000	-	43.478	0.000	0.000	11.920	
19-Jun-24 21:00:02	25.801	0.000	0.106	0.251	0.000	13.566	1025879.469	256.900	0.073480	20.411979	0	0	0.000161	0.0448429	48.354	0.000	0.106	0.000	
19-Jun-24 22:00:02	23.879	0.000	0.000	0.083	3.789	14.352	866932.499	142.798	0.038621	10.728181	0	0	0.000000	-	50.041	0.000	0.000	7.916	
19-Jun-24 23:00:02	19.849	0.000	0.107	0.252	8.068	14.187	1133678.538	180.062	0.042336	11.760708	0	0	0.000121	0.0336964	40.607	0.000	0.107	16.665	
20-Jun-24 00:00:02	24.548	0.000	0.078	0.204	0.000	13.664	1811292.610	260.666	0.069706	19.367614	1.8381E-06	0.00051058	0.000118	0.0329044	46.473	0.001	0.078	0.000	
20-Jun-24 01:00:02	23.741	0.000	0.263	0.413	0.000	13.569	1508080.566	264.655	0.067361	18.711403	0	0	0.000397	0.1101406	44.871	0.000	0.263	0.000	
20-Jun-24 02:00:02	21.812	0.000	0.354	0.498	0.000	13.665	1505906.678	253.224	0.061801	17.166821	0	0	0.000533	0.1479837	41.757	0.000	0.354	0.000	
20-Jun-24 03:00:02	22.195	0.000	0.291	0.455	9.246	14.552	956272.827	139.113	0.035798	9.932350	0	0	0.000249	0.0692282	48.181	0.000	0.291	19.720	
20-Jun-24 04:00:02	22.393	0.000	0.213	0.345	5.587	14.300	958972.334	140.887	0.038189	10.652542	0	0	0.000183	0.0508836	46.975	0.000	0.213	11.517	
20-Jun-24 05:00:02	23.095	0.000	0.211	0.347	3.950	14.253	879204.345	142.349	0.038282	10.611664	0	0	0.000186	0.0515706	48.120	0.000	0.211	8.212	
20-Jun-24 06:00:02	21.959	0.000	0.258	0.410	6.919	14.332	841454.794	141.904	0.034764	9.656743	0	0	0.000217	0.0602636	46.217	0.000	0.258	14.577	
20-Jun-24 07:00:02	21.964	0.000	0.254	0.409	4.636	14.369	859971.860	141.120	0.035197	9.776920	0	0	0.000216	0.0599751	45.780	0.000	0.254	9.646	
20-Jun-24 08:00:02	24.061	0.000	0.388	0.526	4.044	14.259	870445.740	142.093	0.038483	10.945242	0	0	0.000338	0.0938626	50.177	0.000	0.388	8.028	
20-Jun-24 09:00:02	20.990	0.000	0.239	0.378	2.826	14.329	874823.860	141.938	0.034550	9.597135	0	0	0.000209	0.0579817	44.218	0.000	0.239	5.888	
20-Jun-24 10:00:02	24.859	0.000	0.489	0.626	0.000	13.526	1563812.522	261.216	0.073139	20.316322	0	0	0.000764	0.2123811	45.778	0.000	0.489	0.000	
20-Jun-24 11:00:02	24.507	0.000	0.510	0.659	0.000	13.482	1604256.504	264.190	0.073968	20.544084	0	0	0.000832	0.2311788	46.137	0.000	0.510	0.000	
20-Jun-24 12:00:02	21.835	0.000	0.415	0.565	1.097	13.580	1347011.363	217.112	0.054829	15.239215	0	0	0.000558	0.1550963	42.686	0.000	0.415	2.224	
20-Jun-24 13:00:02	25.356	0.000	0.457	0.616	0.000	13.448	1534309.326	264.347	0.073196	20.332781	0	0	0.000701	0.1947931	47.140	0.000	0.457	0.000	
20-Jun-24 14:00:02	24.011	0.000	0.360	0.600	0.018	13.409	1478543.213	251.388	0.068466	19.016596	0	0	0.000532	0.1479133	48.071	0.000	0.360	0.016	
20-Jun-24 15:00:02	20.339	0.000	0.480	0.661	2.607	13.874	1247196.411	196.093	0.047725	13.257083	0	0	0.000561	0.1557964	40.096	0.000	0.480	5.016	
20-Jun-24 16:00:02	25.456	0.000	0.300	0.456	0.000	13.456	1486336.083	251.010	0.070189	19.494440	0	0	0.000439	0.1220772	47.435	0.000	0.300	0.000	
20-Jun-24 17:00:02	21.987	0.000	0.331	0.486	6.647	14.313	836800.110	140.359	0.033954	9.431676	0	0	0.000277	0.0768632	45.336	0.000	0.331	13.632	
20-Jun-24 18:00:02	19.517	0.000	0.257	0.414	4.287	14.291	870042.864	142.409	0.031947	8.874181	0	0	0.000224	0.0621069	40.678	0.000	0.257	8.901	
20-Jun-24 19:00:02	22.088	0.000	0.237	0.412	5.148	14.253	895722.473	149.703	0.038234	10.620455	0	0	0.000212	0.0588677	47.120	0.000	0.257	11.361	
20-Jun-24 20:00:02	19.185	0.000	0.330	0.495	0.354	13.504	1355121.218	227.625	0.048862	13.572087	0	0	0.000447	0.1241905	37.462	0.000	0.330	0.674	
20-Jun-24 21:00:02	24.839	0.000	0.445	0.586	0.190	13.417	1531418.748	263.429	0.071625	19.895719	0	0	0.000651	0.1802402	48.018	0.000	0.445	0.001	
20-Jun-24 22:00:02	15.354	0.000	0.369	0.903	12.932	14.232	1157621.826	180.629	0.033439	9.288738	0	0	0.000427	0.1185127	31.687	0.000	0.366	27.170	
20-Jun-24 23:00:02	20.802	0.000	0.393	0.526	12.750	14.394	906118.211	137.574	0.035083	9.745153	0	0	0.000356	0.0987830	43.821	0.000	0.393	27.258	
21-Jun-24 00:00:02	19.411	0.000	0.440	0.602	13.803	14.108	970087.132	156.011	0.035427	9.849734	0	0	0.000427	0.1189003	38.574	0.000	0.442	27.886	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23.59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	Emission Loading NOx		SOx		Dust		Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-24 01:00:02	23.398	0.000	0.235	0.380	3.490	14.164	837372.426	141.224	0.038082	10.230327	0	0	0.000196	0.0545823	48.231	0.000	0.235	7.237	
21-Jun-24 02:00:02	22.610	0.000	0.272	0.405	5.231	14.250	892378.718	143.870	0.037960	10.544557	0	0	0.000242	0.0673062	47.102	0.000	0.272	11.016	
21-Jun-24 03:00:02	19.113	0.000	0.262	0.418	6.900	14.269	890802.673	142.512	0.030811	8.558489	0	0	0.000225	0.0623064	39.824	0.000	0.262	14.688	
21-Jun-24 04:00:02	22.980	0.000	0.333	0.450	5.855	14.259	881216.759	141.730	0.038018	10.550060	0	0	0.000294	0.0815284	47.811	0.000	0.333	12.016	
21-Jun-24 05:00:02	22.806	0.000	0.293	0.444	5.590	14.263	832892.700	142.148	0.035737	9.926945	0	0	0.000244	0.0677993	47.374	0.000	0.293	11.952	
21-Jun-24 06:00:02	21.358	0.000	0.278	0.416	10.642	14.281	882614.929	144.830	0.034625	9.617960	0	0	0.000240	0.0666640	44.405	0.000	0.278	22.205	
21-Jun-24 07:00:02	23.592	0.000	0.198	0.349	4.079	14.241	851707.180	141.820	0.037807	10.501919	0	0	0.000169	0.0469194	49.062	0.000	0.198	8.580	
21-Jun-24 08:00:02	22.919	0.000	0.370	0.519	6.659	14.265	858187.942	144.830	0.036838	10.232282	0	0	0.000318	0.0882290	47.508	0.000	0.370	13.863	
21-Jun-24 09:00:02	22.758	0.000	0.390	0.536	6.222	14.285	862583.594	140.858	0.036933	10.250068	0	0	0.000337	0.0935530	47.659	0.000	0.390	13.249	
21-Jun-24 10:00:02	23.034	0.000	0.327	0.479	6.255	14.346	869719.256	141.499	0.037431	10.397445	0	0	0.000282	0.0783914	48.597	0.000	0.327	12.963	
21-Jun-24 11:00:02	23.300	0.000	0.391	0.538	8.758	14.399	881331.311	140.880	0.038124	10.834413	0	0	0.000338	0.0934020	47.488	0.000	0.391	18.009	
21-Jun-24 12:00:02	22.584	0.000	0.425	0.587	6.942	14.372	888831.531	141.489	0.036774	10.214970	0	0	0.000368	0.1023452	47.631	0.000	0.425	14.660	
21-Jun-24 13:00:02	21.049	0.000	0.418	0.588	13.298	14.331	816849.292	140.147	0.032341	8.983480	0	0	0.000341	0.0948188	44.323	0.000	0.413	28.303	
21-Jun-24 14:00:02	22.164	0.000	0.418	0.649	8.387	14.374	886905.945	140.809	0.037087	10.296292	0	0	0.000370	0.1028063	47.011	0.000	0.418	17.577	
21-Jun-24 15:00:02	22.560	0.000	0.387	0.634	6.747	14.340	887580.415	141.911	0.037805	10.501371	0	0	0.000343	0.0953518	47.788	0.000	0.387	14.336	
21-Jun-24 16:00:02	22.528	0.000	0.422	0.686	7.018	14.280	835900.096	143.351	0.035429	9.841447	0	0	0.000353	0.0979341	47.117	0.000	0.422	14.481	
21-Jun-24 17:00:02	21.847	0.000	0.448	0.692	10.488	14.348	880097.839	141.871	0.036845	10.191258	0	0	0.000396	0.1105264	46.105	0.000	0.448	21.818	
21-Jun-24 18:00:02	19.443	0.000	0.394	0.566	8.339	14.478	842678.660	142.152	0.030821	8.561363	0	0	0.000296	0.0820063	41.880	0.000	0.354	17.780	
21-Jun-24 19:00:02	21.163	0.000	0.168	0.324	2.602	14.148	1034321.658	174.237	0.041182	11.439426	0	0	0.000174	0.0483011	43.430	0.000	0.168	5.081	
21-Jun-24 20:00:02	18.212	0.000	0.505	0.657	6.909	13.979	1220074.097	195.394	0.044160	12.240002	0	0	0.000616	0.1711124	38.437	0.000	0.505	13.903	
21-Jun-24 21:00:02	19.463	0.000	0.359	0.500	8.680	14.158	1150836.425	181.405	0.042148	11.765636	0	0	0.000413	0.1147317	39.964	0.000	0.359	17.581	
21-Jun-24 22:00:02	16.318	0.000	0.575	0.720	11.722	14.197	1137268.311	174.118	0.034915	9.698509	0	0	0.000654	0.1817678	33.716	0.000	0.675	24.546	
21-Jun-24 23:00:03	21.941	0.000	0.374	0.627	8.724	14.547	857657.959	138.760	0.035403	9.834217	0	0	0.000321	0.0890309	47.816	0.000	0.374	19.302	
22-Jun-24 00:00:03	18.521	0.000	0.298	0.447	15.245	14.499	881044.128	152.933	0.030609	8.527824	0	0	0.000262	0.0729181	40.091	0.000	0.298	33.188	
22-Jun-24 01:00:03	25.835	0.000	0.610	0.787	1.623	14.108	900444.946	143.399	0.043261	12.022668	0	0	0.000543	0.1509114	52.651	0.000	0.610	3.290	
22-Jun-24 02:00:03	22.387	0.000	0.426	0.568	7.024	14.321	867180.095	141.290	0.036065	10.015160	0	0	0.000365	0.1013877	47.061	0.000	0.426	14.666	
22-Jun-24 03:00:03	22.331	0.000	0.294	0.443	6.460	14.286	826087.139	140.897	0.034790	9.663911	0	0	0.000243	0.0675833	46.749	0.000	0.294	13.650	
22-Jun-24 04:00:03	22.868	0.000	0.425	0.575	8.319	14.346	856673.869	141.870	0.036847	10.235221	0	0	0.000364	0.1010675	48.364	0.000	0.425	17.437	
22-Jun-24 05:00:03	21.144	0.000	0.238	0.375	3.371	14.303	840883.697	140.420	0.033480	9.291593	0	0	0.000199	0.0552389	44.360	0.000	0.238	7.122	
22-Jun-24 06:00:03	23.477	0.000	0.303	0.472	4.474	14.299	861988.206	141.179	0.037631	10.453087	0	0	0.000283	0.0787112	49.233	0.000	0.333	9.428	
22-Jun-24 07:00:03	23.892	0.000	0.266	0.419	4.760	14.361	829663.364	141.759	0.036877	10.271451	0	0	0.000220	0.0610823	50.178	0.000	0.266	10.032	
22-Jun-24 08:00:03	22.814	0.000	0.376	0.535	7.349	14.311	865420.837	141.554	0.037145	10.318170	0	0	0.000325	0.0902937	47.942	0.000	0.376	15.451	
22-Jun-24 09:00:03	23.064	0.000	0.356	0.601	4.967	14.270	880139.343	141.798	0.038191	10.605582	0	0	0.000314	0.0870963	48.169	0.000	0.356	10.304	
22-Jun-24 10:00:03	21.997	0.000	0.458	0.607	6.691	14.356	876481.750	141.963	0.038273	10.675867	0	0	0.000399	0.1109057	46.540	0.000	0.458	14.265	
22-Jun-24 11:00:03	22.641	0.000	0.385	0.591	6.553	14.319	863044.568	140.564	0.036762	10.211718	0	0	0.000332	0.0922812	47.623	0.000	0.385	13.868	
22-Jun-24 12:00:03	19.621	0.000	0.362	0.596	7.182	14.325	851845.032	143.451	0.031446	8.735119	0	0	0.000308	0.0856830	41.319	0.000	0.362	15.388	
22-Jun-24 13:00:03	22.726	0.000	0.389	0.630	6.860	14.317	872593.933	142.608	0.037325	10.368066	0	0	0.000338	0.0942096	47.817	0.000	0.389	14.513	
22-Jun-24 14:00:03	21.500	0.000	0.328	0.474	11.435	14.320	880818.398	141.667	0.035811	9.891974	0	0	0.000287	0.0797697	45.233	0.000	0.328	23.742	
22-Jun-24 15:00:03	22.192	0.000	0.359	0.620	9.822	14.404	894672.083	142.208	0.037350	10.375009	0	0	0.000321	0.0891135	47.306	0.000	0.359	20.955	
22-Jun-24 16:00:03	22.864	0.000	0.345	0.493	8.567	14.398	817234.497	142.148	0.035138	9.760619	0	0	0.000282	0.0783386	48.502	0.000	0.345	17.910	
22-Jun-24 17:00:03	24.657	0.000	0.170	0.284	3.171	14.735	842575.941	141.340	0.039092	10.858793	0	0	0.000143	0.0397652	51.223	0.000	0.170	6.576	
22-Jun-24 18:00:03	21.830	0.000	0.243	0.374	9.701	14.373	880750.305	141.464	0.035331	9.814167	0	0	0.000209	0.0579715	46.295	0.000	0.243	20.797	
22-Jun-24 19:00:03	19.631	0.000	0.009	0.140	13.753	14.254	1258330.688	203.066	0.046400	12.888965	0	0	0.000012	0.0032547	40.904	0.000	0.009	29.021	
22-Jun-24 20:00:03	22.297	0.000	0.000	0.090	2.216	13.940	1360837.109	219.219	0.057062	15.850507	0	0	0.000000	-	44.427	0.000	0.000	4.177	
22-Jun-24 21:00:03	20.273	0.000	0.000	0.023	10.100	14.157	1038804.990	153.345	0.039624	11.006504	0	0	0.000000	0.0000083	41.538	0.000	0.000	20.925	
22-Jun-24 22:00:03	25.475	0.003	0.000	0.063	1.493	14.246	832682.073	141.123	0.039904	11.084393	5.6287E-06	0.00158354	0.000000	-	52.008	0.009	0.000	3.088	
22-Jun-24 23:00:03	22.709	0.000	0.108	0.258	6.872	14.276	882169.250	141.577	0.036836	10.232132	0	0	0.000093	0.0258381	47.480	0.000	0.108	14.352	
23-Jun-24 00:00:03	23.758	0.000	0.298	0.446	5.678	14.361	896026.123	141.931	0.040006	11.112666	0	0	0.000267	0.0741929	50.224	0.000	0.298	12.051	
23-Jun-24 01:00:03	24.112	0.000	0.227	0.359	0.023	13.690	1509907.715	250.922	0.068494	19.026190	0	0	0.000343	0.0952859	46.307	0.000	0.227	0.029	
23-Jun-24 02:00:03	25.187	0.000	0.323	0.472	0.000	13.587	1541039.429	255.022	0.073924	20.284383	0	0	0.000497	0.1381708	47.504	0.000	0.323	0.000	
23-Jun-24 03:00:03	24.237	0.000	0.330	0.470	0.000	13.670	1544780.366	262.243	0.070416	19.560041	0	0	0.000510	0.1417118	46.443	0.000	0.330	0.000	
23-Jun-24 04:00:03	26.729	0.000	0.196	0.360	1.028	14.077	1022497.263	178.429	0.058456	14.915668	0	0	0.000201	0.0557378	53.248	0.000	0.196	1.997	
23-Jun-24 05:00:03	28.104	0.000	0.633	0.678	2.176	14.249	922029.785	142.201	0.045282	12.578397	0	0	0.000401	0.1364068	54.258	0.000	0.633	4.380	
23-Jun-24 06:00:03	22.124	0.000	0.288	0.443	3.322	13.917	1232578.491	192.306	0.051346	14.262673	0	0	0.000355	0.0987176	43.885	0.000	0.288	6.600	
23-Jun-24 07:00:03	23.092	0.000	0.297	0.487	7.680	14.472	895242.798	144.050	0.038895	10.804079	0	0	0.000266	0.0738005	49.724	0.000	0.297	16.637	
23-Jun-24 08:00:03	24.395	0.000	0.197	0.372	6.129	14.435	855601.040	143.646	0.039412	10.947887	0	0	0.000170	0.0471012	52.030	0.000	0.197	13.920	
23-Jun-24 09:00:03	23.660	0.000	0.130	0.291	5.017	14.382	901010.570	142.677	0.039939	11.094224	0	0	0.000117	0.0325064	49.885	0.000	0.130	10.743	
23-Jun-24 10:00:03	21.054	0.000	0.379	0.532	6.540	14.397	868381.714	141.967	0.034413	9.559263	0	0	0.000328	0.0912017	44.842	0.000	0.379	14.084	
23-Jun-24 11:00:03	22.962	0.000	0.352	0.506	6.653	14.278	875328.887	142.254	0.037908	10.520007	0	0	0.000308	0.0856106	48.079	0.000	0.352	13.799	
23-Jun-24 12:00:03	24.086	0.000	0.271	0.412	4.713	14.286	875722.358	142.543	0.039677	11.021388	0	0	0.000237	0.0658800	50.394	0.000	0.271	9.689	
23-Jun-24 13:00:03	23.059	0.000	0.160	0.307	5.969	14.274	863300.252	142.896	0.037426	10.394380	0	0	0.000138	0.0383801	48.130	0.000	0.160	12.436	
23-Jun-24 14:00:03	22.991	0.000	0.231	0.378	6.983	14.383	902710.144	146.817	0.038876	10.796037	0	0	0.000209	0.0580027	48.621	0.000	0.231	14.861	
23-Jun-24 15:00:03	22.394	0.000	0.238	0.377	9.119	14.287	908590.896	145.854	0.038280	10.833298	0	0	0.000217	0.0601825	46.881	0.000	0.238	18.889	
23-Jun-24 16:00:03	22.426	0.000	0.393	0.546	8.081	14.320	874159.861	142.741	0.036890	10.249652	0	0	0.000343	0.0953901	47.216	0.000	0.393	17.077	
23-Jun-24 17:00:03	19.188	0.000	0.353	0.500	9.192	14.313	881254.497	142.342	0.031779	8.827537	0	0	0.000311	0.0864506	40.283	0.000	0.353	19.284	
23-Jun-24 18:00:03	23.081	0.000	0.235	0.379	9.093	14.306	903570.374	145.572	0.039238	10.899374	0	0	0.000212	0.0588963	48.456	0.000	0.235	19.024	
23-Jun-24 19:00:03	23.902	0.000	0.237	0.379	4.784	14.225	925620.883	148.897	0.041669	11.574799	0	0	0.000219	0.0609211	49.585	0.000	0.237	9.606	
23-Jun-24 20:00:03	22.929	0.000	0.169	0.319	6.798	14.294	875134.218	141.497	0.037752	10.486500	0	0	0.000147	0.0409678	48.047	0.000	0.169	13.977	
23-Jun-24 21:00:03	22.906	0.000	0.264	0.413	8.405	14.254	856027.588	142.125	0.038891	10.247368	0	0	0.000226	0.0628902	47.715	0.000	0.264	17.661	
23-Jun-24 22:00:03	23.458	0.000	0.203	0.347	7.001	14.265	845877.808	142.381	0.037345	10.373648	0	0	0.000172	0.0476891	48.979	0.000	0.203	14.494	
23-Jun-24 23:00:03	25.479	0.000	0.040	0.182	3.024	14.107	927336.853	140.957	0.044453	12.348148	0	0	0.000037	0.0104075	52.412	0.000	0.040	6.290	
24-Jun-24 00:00:03	21.261	0.000	0.247	0.389	4.602	13.949	1137841.707	176.979	0.045513	12.642486	0	0	0.000281	0.0780526	42.385	0.000	0.247	9.005	
24-Jun-24 01:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 02:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 03:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 04:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 05:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 06:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 07:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 08:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23.59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	OUT21_LOAD	Emission Loading NOx		SOx		Dust		Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
24-Jun-24 09:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 10:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 11:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 12:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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24-Jun-24 14:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 15:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 16:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
24-Jun-24 17:00:03	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF GUT
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Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	Emission Loading NOx		SOx		Dust		Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	Emission Loading NOx		SOx		Dust		Emission Concentration for Standardization Comparison HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	15.36	0.00	0.00	0.00	0.00	13.38	780,135.60	137.35	0.03	7.20	0.00	0.00	0.00	0.00	35.90	0.00	0.00	0.00	
Maximum	31.25	0.34	1.49	1.53	19.00	14.55	1,512,976.32	269.98	0.09	25.19	0.00	0.71	0.00	0.50	68.84	0.73	1.48	42.70	
Avg	22.64	0.02	0.96	0.59	4.63	14.09	1,079,292.13	170.41	0.05	12.87	0.00	0.01	0.00	0.17	46.09	0.04	0.96	9.48	
sum									21.96		0.02		0.29						
STD																			

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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04-Jun-24 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
04-Jun-24 07:00:00	22.98913422	0	0.854279568	1.640100005	0.08017262	13.37101858	1654568.318	269.4023182	0.060969	18.362386	0	0	0.001344	0.3732231	41.04131017	0	0.854279568	0.94803244	
04-Jun-24 08:00:00	24.96530598	0	1.105777621	1.29566792	0	13.51868029	1677576.804	270.1481333	0.076902	21.361542	0	0	0.001855	0.5152802	45.75950345	0	1.105777621	0	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
04-Jun-24 09:00:00	23.1893306	0	1.073095181	1.267500165	0.985790278	13.62655169	1632180.459	250.781311	0.067093	18.838613	0	0	0.001647	0.4575135	44.12478181	0	1.073095181	2.825014726	
04-Jun-24 10:00:00	23.40372487	0	1.144102097	1.320567812	0.614922142	13.67091915	1579423.875	249.9134389	0.069295	19.249418	0	0	0.001801	0.5001700	44.80700279	0	1.144102097	0.945488530	
04-Jun-24 11:00:00	24.08875801	0	1.160142164	1.396038806	0.288730975	13.84528306	1623539.155	244.3870624	0.068980	19.183617	0	0	0.001796	0.4994326	45.98448944	0	1.160142164	0.456397925	
04-Jun-24 12:00:00	21.42118835	0	2.003300905	2.159701798	25.83350023	14.36800861	1148699.570	145.0509169	0.046295	12.835614	0	0	0.002297	0.6380258	45.39308207	0	2.003300905	54.34788513	
04-Jun-24 13:00:00	22.83357162	0	1.252854943	1.410487883	0.65585612	13.59435794	1558197.778	247.7195129	0.066360	18.435609	0	0	0.001953	0.5424138	43.41440582	0	1.252854943	1.252974272	
04-Jun-24 14:00:00	22.53702164	0	1.150848832	1.377855421	0	13.48037769	1572482.891	252.0593872	0.066874	18.520529	0	0	0.001809	0.5025076	41.9693985	0	1.150848832	0	
04-Jun-24 15:00:00	24.79818845	0	1.152412772	1.531383784	0.069351583	13.51593494	1545852.344	240.872757	0.072187	20.029642	0	0	0.001781	0.4947890	46.52633286	0	1.152412772	0.050202465	
04-Jun-24 16:00:00	23.7113157	0	1.120589581	1.298852846	0.152094031	13.5235930	1526025.797	240.0409774	0.068878	18.608880	0	0	0.001710	0.4749257	44.54623795	0	1.120589581	0.024129355	
04-Jun-24 17:00:00	22.16521645	0	1.080418129	1.259776508	0.867402813	13.59131507	1465993.506	231.1757966	0.061159	16.988824	0	0	0.001555	0.4320067	42.02867128	0	1.080418129	1.317736559	
04-Jun-24 18:00:00	21.35304817	0	1.143768191	1.723871608	1.831090093	13.66400519	1553771.392	248.4597015	0.062157	17.265895	0	0	0.001777	0.4936548	40.72318549	0	1.143768191	3.627817631	
04-Jun-24 19:00:00	21.9405098	0	1.049036026	1.298136198	0.027118811	13.42921799	1668080.322	250.7373199	0.065554	18.209400	0	0	0.001986	0.4627848	41.07369095	0	1.049036026	0.138512939	
04-Jun-24 20:00:00	20.32341857	0	1.124392033	1.298595788	0	13.35969304	1616593.984	352.3970542	0.061816	17.171166	0	0	0.001816	0.5048406	37.34179306	0	1.124392033	0	
04-Jun-24 21:00:00	20.88034248	0	1.085785747	1.262529812	0	13.42148304	1631001.099	385.948105	0.064072	17.797883	0	0	0.001771	0.4919216	38.68158720	0	1.085785747	0	
04-Jun-24 22:00:00	21.52945472	0	1.121147871	1.293817129	0.151869002	13.47638798	1587521.240	255.6887875	0.064303	17.861965	0	0	0.001780	0.4944017	40.2085763	0	1.121147871	0.373067617	
04-Jun-24 23:00:00	21.59491272	0	1.107120275	1.293761250	0.928409199	13.53202057	1555649.048	248.6580538	0.064082	17.800404	0	0	0.001722	0.4784141	41.17303085	0	1.107120275	1.756898511	
05-Jun-24 00:00:00	21.48346619	0	1.184961798	1.361652851	1.243120501	13.58387376	1578554.248	245.4980046	0.063815	17.726404	0	0	0.001871	0.5196094	40.6935354	0	1.184961798	3.60508213	
05-Jun-24 01:00:00	21.92717323	0	1.179640889	1.390359171	0.168871611	13.48931406	1605031.306	261.4300641	0.064401	17.889294	0	0	0.001893	0.5258334	56.88541412	0	1.179640889	0.147641886	
05-Jun-24 02:00:00	22.3414135	0	1.136591792	1.334140182	0.147386538	13.47654343	1581434.082	253.4474335	0.065632	18.231912	0	0	0.001775	0.4929759	41.70258831	0	1.136591792	0.192015827	
05-Jun-24 03:00:00	22.85892888	0	1.085543613	1.270089592	1.307403827	13.60888192	1601675.937	242.9529788	0.068883	19.134049	0	0	0.001738	0.4829699	43.45183737	0	1.085543613	3.634979725	
05-Jun-24 04:00:00	22.02368865	0	1.358814901	1.548854589	12.4058809	14.05983839	1281538.787	185.0920583	0.053101	14.750157	0	0	0.001737	0.4825747	44.57882969	0	1.358814901	25.01006363	
05-Jun-24 05:00:00	22.20700645	0	1.199071407	1.394036174	12.31388812	14.09438887	1389268.799	199.9739624	0.058044	16.123257	0	0	0.001666	0.4627312	44.509378	0	1.199071407	24.69354057	
05-Jun-24 06:00:00	20.1311918	0	1.117218733	1.29450969	0.378603272	13.3889062	1560378.906	252.1579742	0.064971	18.047589	0	0	0.001743	0.4842487	41.93277359	0	1.117218733	0.827692974	
05-Jun-24 07:00:01	20.05047125	0	1.725043803	1.910183311	30.96050072	14.37209061	1257711.670	167.6245875	0.048878	13.577309	0	0	0.002176	0.6026688	43.9199234	0	1.725043803	65.67935181	
05-Jun-24 08:00:01	22.86784717	0	1.084522367	1.270650664	11.48112758	14.12383329	1303196.435	177.4714813	0.056067	15.574293	0	0	0.001413	0.3925957	46.73780441	0	1.084522367	23.50716591	
05-Jun-24 09:00:01	19.61905838	0	1.422972083	1.618248104	31.12345605	14.38489773	1175194.946	148.2982178	0.043380	12.049926	0	0	0.001672	0.4645193	41.57497025	0	1.422972083	65.91603058	
05-Jun-24 10:00:01	24.54862978	0	1.26838088	1.43073629	4.671608925	13.94146919	1316821.218	186.8583221	0.060809	16.891358	0	0	0.001670	0.4638825	48.66950584	0	1.26838088	9.288095474	
05-Jun-24 11:00:01	24.66219845	0	1.201493382	1.393288585	0.841198206	13.63946833	1459094.380	248.764876	0.065785	19.166518	0	0	0.001789	0.4969625	48.65057068	0	1.201493382	1.472069217	
05-Jun-24 12:00:01	22.07987377	0	1.235577822	1.422227859	2.414503674	13.7719675	1560816.650	235.328537	0.064837	18.010363	0	0	0.001929	0.5358973	42.88311005	0	1.235577822	4.753522573	
05-Jun-24 13:00:01	23.85558929	0	1.275770903	1.460368514	0.072932161	13.42681351	1630233.276	248.7547302	0.071824	19.951142	0	0	0.002042	0.5670920	44.8249658	0	1.275770903	0.137486233	
05-Jun-24 14:00:01	24.72891727	0	1.173583869	1.360649467	0.001042401	13.57887527	1543871.191	242.2449341	0.071827	19.951963	0	0	0.001812	0.5033277	48.79573441	0	1.173583869	0.00249271	
05-Jun-24 15:00:01	24.09733963	0	1.178615461	1.360646844	0.654140115	13.68494701	1563256.714	218.9373322	0.070673	19.656834	0	0	0.001842	0.5117696	48.27068411	0	1.178615461	1.371097564	
05-Jun-24 16:00:01	22.7315712	0	0.991659231	1.167655482	0.142793968	13.57635498	1368231.445	246.2059689	0.068352	18.986530	0	0	0.001585	0.4402485	45.00527954	0	0.991659231	0.076256831	
05-Jun-24 17:00:01	24.15252988	0	1.470690591	1.661741653	10.37200737	14.21128359	1238906.006	147.8713226	0.056155	15.598706	0	0	0.001818	0.5048644	49.9785347	0	1.470690591	20.43604689	
05-Jun-24 18:00:01	22.73607528	0	1.265420437	1.458792651	13.88544856	14.21370886	1370740.601	191.0171051	0.057350	15.930483	0	0	0.001735	0.4818231	46.0551796	0	1.265420437	38.7015419	
05-Jun-24 19:00:01	22.97914696	0	1.095929027	1.278438198	0.92503198	13.56443091	1517101.318	245.5001068	0.065588	18.219018	0	0	0.001663	0.4619432	43.34286883	0	1.095929027	1.873179245	
05-Jun-24 20:00:01	21.15325757	0	1.367307289	1.544459239	11.13876167	14.07585565	1301017.334	192.620636	0.051777	14.382580	0	0	0.001779	0.4941801	42.61738916	0	1.367307289	22.44244003	
05-Jun-24 21:00:01	21.98741829	0	1.11410749	1.350095577	0.628839254	13.52823121	1625098.802	253.4603882	0.066888	18.571767	0	0	0.001811	0.5029257	41.10437775	0	1.11410749	1.156305637	
05-Jun-24 22:00:01	20.27808914	0	1.177997828	1.34126386	5.109380722	13.87941074	1482658.228	224.1202698	0.066742	18.539424	0	0	0.001746	0.4851251	47.20949936	0	1.177997828	9.788449432	
05-Jun-24 23:00:01	24.6914956	0	1.237758371	1.42328604	0.150105879	13.52187347	1577868.234	257.0693359	0.073299	20.360750	0	0	0.001953	0.5425835	48.37162791	0	1.237758371	0.229121205	
06-Jun-24 00:00:01	24.18789482	0	1.106233838	1.30818453	1.475697777	13.5347538	1562249.390	254.3503113	0.071093	19.748881	0	0	0.001728	0.4800592	48.49704361	0	1.106233838	2.882108717	
06-Jun-24 01:00:01	21.49328515	0	1.502504859	1.988168148	18.64218292	14.21254921	1734328.125	168.2758484	0.049913	13.864668	0	0	0.002225	0.6180228	44.50721634	0	1.502504859	38.98289892	
06-Jun-24 02:00:01	24.92495166	0	1.314384103	1.484520127	5.883182526	13.92463017	1335847.461	191.0722656	0.062774	17.437219	0	0	0.001759	0.4887492	49.49233246	0	1.314384103	11.37340201	
06-Jun-24 03:00:01	23.71383667	0	1.147489607	1.325482092	9.040889925	13.94328213	1311061.523	188.645752	0.058401	16.248054	0	0	0.001504	0.4175899	47.18164444	0	1.147489607	18.7187389	
06-Jun-24 04:00:01	20.9540081	0	1.148026705	1.324696091	18.38243484	14.13084559	1335732.610	190.2173462	0.052658	14.627287	0	0	0.001533	0.4259603	42.91029167	0	1.148026705	37.8816452	
06-Jun-24 05:00:01	20.5987281	0	1.540834785	1.734488024	26.01990318	14.43678472	1123871.289	138.9496307	0.043737	12.149220	0	0	0.001730	0.4806654	44.33387157	0	1.540834785	55.83579569	
06-Jun-24 06:00:01	21.39196968	0	1.581774497	1.857417522	26.43094697	14.41428659	1143897.461	142.7906273	0.046038	12.788345	0	0	0.001924	0.5343827	45.86228950	0	1.581774497	50.39592361	
06-Jun-24 07:00:01	21.90323257	0	1.520170083	1.731575443	25.72983888	14.39514828	1074360.715	142.1903992	0.044273	12.298009	0	0	0.001644	0.4566541	48.61890793	0	1.520170083	50.48927307	
06-Jun-24 08:00:01	21.95703766	0	1.617883921	1.79870485	20.94011558	14.37971061	1116280.620	141.3387451	0.046175	12.826518	0	0	0.001806	0.5016611	48.69100571	0	1.617383921	43.85587311	
06-Jun-24 09:00:01	21.46742821	0	1.273727775	1.453567174	17.80788885	14.2836771	1431613.281	154.6941107	0.057821	16.061398	0	0	0.001823	0.5065238	44.92287445	0	1.273727775	37.38279921	
06-Jun-24 10:00:01	22.28902617	0	1.42698431	1.601467987	22.70916085	14.49709626	1110249.852	145.6888345	0.046559	12.932945	0	0	0.001584	0.4400834	48.15414429	0	1.42698431	48.92285156	
06-Jun-24 11:00:01	21.85121348	0	1.703725815	1.887938142	24.92404365	14.49252047	1149715.210	141.1259014	0.047290	13.120322	0	0	0.001959	0.5441110	47.20573756	0	1.703725815	53.77376608	
06-Jun-24 12:00:01	21.53953089	0	1.766880604	1.944243193	20.97593589	14.44490081	1129087.383	141.2069397	0.045766	12.709678	0	0	0.001995	0.5541402	48.19169998	0	1.766880604	45.02335409	
06-Jun-24 13:00:01	22.3689091	0	1.553444505	1.714184815	8.942975882	14.03285048	1458507.644	198.938584	0.061385	17.051308	0	0	0.002266	0.6294072	45.10916427	0	1.553444505	17.32325489	
06-Jun-24 14:00:01	25.53852082	0	1.177673919	1.385095019	0.915468303	13.70620964	1563364.308	250.3790131	0.069184	19.217663	0	0	0.001840	0.5110556	45.94677887	0	1.177673919	1.754278183	
06-Jun-24 15:00:01	23.38629341	0	1.141258717	1.329443149	0.040084983	13.56900606	1564173.462	253.383667	0.068822	19.117134	0	0	0.001785	0.4958585	44.19386873	0	1.141258717	0.078716713	
06-Jun-24 16:00:01	25.98067365	0	1.116928577	1.282982084	0	13.49707058	1628535.376	258.7137798	0.073479	20.410794	0	0	0.001819	0.5052971	44.69339096	0	1.116928577	0	
06-Jun-24 17:00:01	22.01345397	0	1.352822005	1.546550108	8.279590588	14.02595847	1414155.494	207.9235443	0.058580	16.269055	0	0	0.001913	0.5314173	44.33803177	0	1.352822005	16.75088088	
06-Jun-24 18:00:01	23.48163723	0	0.99488306	1.158344607	0	13.54831301	1672495.850	265.8937983	0.073888	20.524368	0	0	0.001664	0.4622049	44.26081848	0	0.99488306	0	
06-Jun-24 19:00:01	23.37740898	0	0.901493788	1.070218444	0	13.59233478	1654754.761	254.3104540	0.072779	20.215524	0	0	0.001492	0.4143753	44.0774765	0	0.901493788	0	
06-Jun-24 20:00:01	21.64351273	0	0.895858887	1.06842853	0	13.48508766	1648611.401	254.6971985	0.067139	18.649644	0	0	0.001477	0.4101665	40.44577408	0	0.895858887	0	
06-Jun-24 21:00:01	22.60775008	0	0.954656899	1.143740296	0	13.63127981	1678079.968	254.8204956	0.071060	19.738847	0	0	0.001602	0.4449974	42.32072449	0	0.954656899	0	
06-Jun-24 22:00:01	22.61449242	0	0.921901643	1.114940783	0	13.4896034	1621725.954	255.2593689	0.068909	19.180404	0	0	0.001495	0.4152976	42.17079928	0	0.921901643	0	
06-Jun-24 23:00:01	21.69401932	0	0.983223379	1.181824107	0	13.44014835	1641259.277	263.0034485	0.066968	19.697742	0	0	0.001614	0.4482560	40.29985809	0	0.983223379	0	
07-Jun-24 00:00:01	21.66081461	0	1.29370892	1.498589499	0	13.42669933	1656865.347	264.0717468	0.067263	18.686647	0	0	0.002143	0.5953525	40.40383911	0	1.29370892	0	
07-Jun-24 01:00:01	21.5744646	0	1.328677177	1.513313891	0.016214949	13.45924854	1591339.346	261.9166079	0.064592	17.942238	0	0	0.002114	0.5873231	40.16333435	0	1.328677177	0	
07-Jun-24 02:00:01	19.63356018	0	2.138854742	2.306700781	34.93055066	14.43914795	1095191.284	139.7023468	0.040455	11.237391	0	0	0.002342	0.6506930	42.05899704	0	2.138854742	74.97185516	
07-Jun-24 03:00:01	22.13027164	0	1.391706109	1.58403492	0.029720332	13.41343307	1609684.961	262.2420044	0.066500	18.499782	0	0	0.002226	0.6183756	40.96502676	0	1.391706109	0.100307117	
07-Jun-24 04:00:01	22.02322187	0	1.358920574	1.548009495	0.094033167	13.60297012	1526737.305	250.9645362	0.063342	17.595037	0	0	0.002077	0.5770648	41.61561379	0	1.358920574	0.092158598	
07-Jun-24 05:00:01	21.65430045	0	1.37268487	1.543009381	0	13.50429723	1575930.044	258.7484924	0.064333	17.870305	0	0	0.002185	0.6013094	40.63796344	0	1.37268487	0	
07-Jun-24 06:00:01	21.40298384	0	1.237180233	1.420592906	0	13.51325798	1592301.880	263.0519714	0.066936	18.583463	0	0	0.002057	0.5712686	40.14830017	0	1.237180233	0	
07-Jun-24 07:00:01	21.52807091	0	1.672319293	1.863237869	18.82525008	14.35292026	1091067.393	141.9685965	0.044185	12.273829	0	0	0.001825	0.5068372	45.55888748	0	1.672319293	39.92900085	
07-Jun-24 08:00:01	21.57311821	0	1.830580592	2.012657404	19.35110654	14.39232186	1111456.421	140.3203784	0.045111	12.530887	0	0	0.002035	0.5651706	45.59430257	0	1.830580592	41.17892956	
07-Jun-24 09:00:01	21.29486703	0	1.771620393	1.947229809	19.01085052	14.40995026	1088472.778	141.9209627	0.044009	12.224784	0	0	0.001946	0.5405769	45.43570273	0	1.771620393	42.75884628	
07-Jun-24 10:00:01	21.19723869	0	1.812825322	1.981387615	21.81740579	14.44801850	1218357.310	142.5187835	0.048486	13.468388	0	0	0.002205	0.6125171	45.48554947	0	1.812825322	48.65070724	
07-Jun-24 11:00:01	21.6799212	0	1.79644978	1.978182077	21.12348622	14.46442029	1118855.326	141.0312958	0.045830	12.730954	0	0	0.002010	0.5583242	46.25743179	0	1.79644978	45.58566494	
07-Jun-24 12:00:01	21.95818291	0	1.837345004	2.015810013	21.26533088	14.46289921	1208604.883	141.1239014	0.048447	13.457479	0	0	0.002215	0.6153343	45.92260851	0	1.837345004	45.76858185	
07-Jun-24 13:00:01	21.9533046	0	1.835202098	2.014860877	19.21499252	14.42401314	1128002.563	141.4342804	0.046580	12.941260	0	0	0.002070	0.5750313	45.92881208	0	1.835202098	41.07224650	
07-Jun-24 14:00:01	20.77403012	0	1.888129115	2.06177498	23.19231033	14.43093967	1148820.190	140.6877747	0.044901	12.473379	0	0	0.002169	0.6025136	44.45484191	0	1.888129115	49.60036581	
07-Jun-24 15:00:01	21.83413315	0	1.886458397	2.052241014	19.81603131	14.48325051	1116757.446	141.2491455	0.045875	12.742068	0	0	0.002107	0.5851060	46.97530746	0	1.886458397	43.05483731	
07-Jun-24 16:00:01	20.70078659	0	1.870495519	2.038721338	21.4588822	14.3238183	1047580.816	142.2630005	0.040811	11.336390	0	0	0.001960	0.5444599	43.56219147	0	1.870495519	45.36383664	

Site Name: GULF OUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
07-Jun-24 17:00:01	20.85119823	0	1.856918848	2.081254811	20.57972336	14.33374786	1130018.311	141.6313629	0.044885	12.379182	0	0	0.002109	0.5860549	43.95275856	0	1.856918848	43.59281921	
07-Jun-24 18:00:01	20.48524229	0	1.969471458	2.137735067	26.27916573	14.41146278	1134876.559	142.0835114	0.043733	12.148160	0	0	0.002235	0.6207531	43.71065521	0	1.969471458	56.100811	
07-Jun-24 19:00:01	21.05178642	0	1.662702322	1.887954511	16.57715034	13.97285175	1248478.287	171.1882183	0.049446	13.736598	0	0	0.002076	0.5766221	42.06579468	0	1.662702322	31.18721503	
07-Jun-24 20:00:01	26.04752541	0	1.310072541	1.437853188	1.734175086	13.72050617	1582945.976	244.6328552	0.073653	20.459050	0	0	0.002048	0.5687713	48.33231654	0	1.310072541	3.364847183	
07-Jun-24 21:00:01	21.22965640	0	1.322394013	1.491559032	0.007410062	13.44737358	1560001.221	257.2950745	0.062309	17.308063	0	0	0.002063	0.5730379	39.7396598	0	1.322394013	0.044497161	
07-Jun-24 22:00:01	22.99588229	0	1.553354821	1.736599552	12.08744431	14.33745289	1171581.401	141.8275367	0.050693	14.081478	0	0	0.001820	0.5056146	48.52674484	0	1.553354821	25.57321386	
07-Jun-24 23:00:01	20.87851894	0	1.806184026	1.984729767	20.78792908	14.35894394	1107701.294	141.4058968	0.043081	11.969655	0	0	0.002001	0.5557473	43.7571907	0	1.806184026	44.0331469	
08-Jun-24 00:00:01	22.84121704	0	1.305460695	1.485456275	16.38673019	14.28910265	1278874.806	172.9724426	0.054863	15.239086	0	0	0.001667	0.4629678	47.84142989	0	1.305460695	34.34052854	
08-Jun-24 01:00:01	20.08157539	0	1.890187263	2.381547737	36.15740967	14.47441679	1113584.229	142.6956024	0.042073	11.686846	0	0	0.002185	0.6846896	43.28975037	0	1.890187263	75.81805728	
08-Jun-24 02:00:01	20.8890182	0	1.665334106	1.864966164	20.71438026	14.35663169	1112322.910	140.3513336	0.043715	12.142977	0	0	0.001852	0.5145624	44.19870485	0	1.665334105	43.81702423	
08-Jun-24 03:00:01	25.28501658	0	1.519654604	1.721508775	4.003093511	13.9075098	1234156.151	161.355967	0.058864	16.296439	0	0	0.001875	0.5209626	50.0591011	0	1.519654604	7.954239366	
08-Jun-24 04:00:01	20.98514587	0	1.617420316	1.789714456	21.74234009	14.37069798	1110957.886	142.0010071	0.043862	12.183862	0	0	0.001797	0.4991350	44.48020822	0	1.617420316	46.20316933	
08-Jun-24 05:00:01	22.09938857	0	1.796112061	1.98465148	18.29578781	14.35810184	1178446.364	142.2731476	0.048912	13.586674	0	0	0.002113	0.5869636	45.75270081	0	1.796112061	38.43070984	
08-Jun-24 06:00:01	20.02292252	0	1.853804469	2.031404297	37.88889858	14.53575134	1167930.064	139.2357889	0.043620	12.118752	0	0	0.002147	0.5962711	43.54587092	0	1.853804469	82.49270782	
08-Jun-24 07:00:01	21.95517159	0	1.733987331	1.913008829	22.43779564	14.37089834	1106799.027	142.8153687	0.046718	12.890377	0	0	0.001919	0.5331847	46.88792236	0	1.733987331	47.71874619	
08-Jun-24 08:00:01	20.18478775	0	1.979697824	2.18494792	12.39322186	14.19853783	1089604.126	142.0892639	0.045478	12.632825	0	0	0.002157	0.5991906	45.61869008	0	1.979697824	26.20083046	
08-Jun-24 09:00:01	21.5083315	0	1.941013458	2.127760687	21.01278588	14.41631181	1106798.584	141.8749847	0.044797	12.440599	0	0	0.002148	0.5967530	46.91324615	0	1.941013458	44.80178402	
08-Jun-24 10:00:01	22.48717117	0	1.713071704	1.889848737	16.35327721	14.32343102	1163264.771	143.2603967	0.048791	13.553152	0	0	0.001970	0.5487940	47.33687755	0	1.713071704	34.33530643	
08-Jun-24 11:00:01	22.35482025	0	1.83013918	2.017159747	19.02828789	14.37001069	1237181.979	141.0744629	0.052032	14.453421	0	0	0.002264	0.6280334	47.44081661	0	1.83013918	40.17156952	
08-Jun-24 12:00:01	21.67424202	0	1.826371981	2.075087788	22.40707397	14.37210464	1134811.329	141.6348419	0.045267	12.551965	0	0	0.002152	0.5976792	45.95149231	0	1.826371981	47.51890869	
08-Jun-24 13:00:01	19.70750237	0	2.12131381	2.292975903	31.32417679	14.36881774	1105943.848	141.3246613	0.041043	11.400766	0	0	0.002348	0.6522769	41.94474411	0	2.12131381	66.62212524	
08-Jun-24 14:00:01	21.20711455	0	2.169938087	2.355179071	20.72064427	14.32880479	1185596.191	146.122097	0.047281	13.130267	0	0	0.002573	0.7146306	44.80585695	0	2.169938087	43.42640305	
08-Jun-24 15:00:01	21.82214155	0	1.65501194	1.795018554	20.91861343	14.42028141	1191582.153	142.9618378	0.048922	13.589333	0	0	0.001913	0.5312510	45.81612973	0	1.65501194	44.79020563	
08-Jun-24 16:00:01	19.87001534	0	2.091201124	2.209531548	44.21191788	14.50545218	1144347.658	142.2658768	0.042349	11.763578	0	0	0.002324	0.6456867	42.38179474	0	2.091201124	95.75182997	
08-Jun-24 17:00:01	21.64353615	0	1.716058208	1.884492959	18.91988945	14.38429872	1133333.130	141.278682	0.046156	12.821013	0	0	0.001944	0.5399258	45.98703759	0	1.716058208	40.04637799	
08-Jun-24 18:00:01	20.58694287	0	1.99183478	2.156578576	29.12357292	14.4692083	1163158.303	141.7077484	0.044664	12.406727	0	0	0.002297	0.6380279	43.90282962	0	1.99183478	61.86347748	
08-Jun-24 19:00:01	20.23923538	0	1.958745718	2.136201237	32.77898026	14.43737984	1122100.342	141.5471532	0.042769	11.880484	0	0	0.002196	0.6105303	43.38894653	0	1.958745718	70.30543616	
08-Jun-24 20:00:01	19.9256777	0	1.568703294	1.734734416	30.15708536	14.37998549	1154871.140	161.4061272	0.043286	12.024573	0	0	0.001811	0.5031490	42.30774307	0	1.568703294	64.3271637	
08-Jun-24 21:00:01	20.8821907	0	1.455001473	1.642680888	5.087547438	13.86009522	1437313.965	207.3372095	0.056469	15.685719	0	0	0.002091	0.5809150	41.08750634	0	1.455001473	15.93618962	
08-Jun-24 22:00:01	20.38373901	0	1.739168038	1.911244392	24.77980219	14.38093498	1162916.504	140.6961365	0.044554	12.376063	0	0	0.002021	0.5614910	43.1336769	0	1.739168038	52.37506866	
08-Jun-24 23:00:01	20.15780087	0	1.403832912	1.590250066	28.42866672	14.35731983	1210812.620	154.582016	0.045926	12.755473	0	0	0.001700	0.4721097	42.64915849	0	1.403832912	60.31298447	
09-Jun-24 00:00:01	19.37999535	0	1.637690117	1.828036931	34.84848578	14.41174221	1179682.373	145.4087499	0.043013	11.948000	0	0	0.001932	0.5367522	41.34882136	0	1.637690117	74.74920943	
09-Jun-24 01:00:01	19.20750999	0	1.980173111	2.17191877	32.6924057	14.38793845	1110413.354	146.7190704	0.040127	11.140326	0	0	0.002199	0.6107802	40.63879561	0	1.980173111	69.69526198	
09-Jun-24 02:00:01	19.81479759	0	1.4770509	1.658458212	23.88782474	14.15003161	1366900.391	187.3176675	0.050443	14.011904	0	0	0.002019	0.5608282	40.28331787	0	1.4770509	48.11251068	
09-Jun-24 03:00:01	22.80904388	0	1.363560782	1.514807261	0.0050709	13.49020922	1584083.295	258.4100647	0.067977	18.882613	0	0	0.002160	0.6000946	42.65789795	0	1.363560782	0.152780801	
09-Jun-24 04:00:01	20.95168016	0	1.488845345	1.67532084	10.84496087	13.96623463	1501459.717	208.3148193	0.060185	16.448257	0	0	0.002235	0.6209569	41.7810914	0	1.488845345	21.45375633	
09-Jun-24 05:00:01	25.00216773	0	1.517093658	1.703230461	4.083863776	13.85232925	1279063.232	190.2241243	0.060186	16.713905	0	0	0.001840	0.5109183	49.12358761	0	1.517093658	7.801828996	
09-Jun-24 06:00:01	19.87196922	0	2.209888524	2.383945227	30.28118324	14.30188482	1222755.859	148.698264	0.045716	12.698638	0	0	0.002792	0.7505809	41.86734182	0	2.209888524	63.48650941	
09-Jun-24 07:00:01	23.61235609	0	1.60758245	1.796395494	11.37765121	14.20088958	1228378.682	142.5014459	0.054578	15.158216	0	0	0.001975	0.5485333	48.53745183	0	1.60758245	23.45419808	
09-Jun-24 08:00:01	21.78967312	0	1.791706132	1.981594837	20.07306317	14.35165882	1086869.702	142.4628465	0.044954	12.487267	0	0	0.001965	0.5457582	46.05467819	0	1.791706132	42.30083765	
09-Jun-24 09:00:01	21.63105856	0	1.638291359	1.828173206	18.98278808	14.31600485	1129600.454	142.0798492	0.045972	12.770067	0	0	0.001851	0.5140590	45.47283884	0	1.638291359	40.08908844	
09-Jun-24 10:00:01	21.50504875	0	1.865934372	2.050273518	15.87446592	14.31384754	1149887.195	140.9108826	0.046524	12.923267	0	0	0.002146	0.5960042	45.21049728	0	1.865934372	33.51945801	
09-Jun-24 11:00:01	21.1736192	0	1.952139874	2.142358157	21.83179468	14.35141486	1116903.720	141.9518586	0.044457	12.349188	0	0	0.002176	0.6051119	44.75737213	0	1.952139874	46.15065384	
09-Jun-24 12:00:01	21.28500811	0	1.990976872	2.175978422	22.73327187	14.38429029	1151848.877	147.0469442	0.049128	12.613458	0	0	0.002293	0.6370289	45.3088913	0	1.990976872	48.37400436	
09-Jun-24 13:00:01	21.67126698	0	1.643381	1.822015021	23.89523424	14.27147713	1148534.068	144.3500671	0.049826	13.007824	0	0	0.001887	0.5242097	45.95315503	0	1.643381	48.62587357	
09-Jun-24 14:00:01	20.92871823	0	2.162306931	2.320012806	28.79447798	14.42208004	1136358.896	142.9790497	0.043885	12.190325	0	0	0.002457	0.6825502	43.5542907	0	2.162306931	61.69436646	
09-Jun-24 15:00:01	19.93516341	0	2.125916481	2.293345074	28.72692635	14.43129635	1146868.530	141.7244415	0.043018	11.948095	0	0	0.002438	0.6772630	42.55238571	0	2.125916481	61.32901764	
09-Jun-24 16:00:01	20.83713722	0	1.992515104	2.163164364	24.19544487	14.37875567	1208888.154	141.1789033	0.047392	13.164387	0	0	0.002409	0.6691247	44.25925781	0	1.992515104	51.48496535	
09-Jun-24 17:00:01	20.85434042	0	2.056374822	2.236394187	30.82786484	14.41878605	1153378.754	142.3027039	0.045253	12.570218	0	0	0.002371	0.6586071	44.55966064	0	2.056374822	65.36475372	
09-Jun-24 18:00:01	22.80980358	0	1.801386697	2.048068023	12.05817318	14.17972586	1273469.116	167.1911621	0.054640	15.180313	0	0	0.002370	0.6554496	46.96137024	0	1.801386697	24.69108582	
09-Jun-24 19:00:01	23.91102982	0	1.428273678	1.608463672	6.296495987	13.94516945	1446860.464	211.3695831	0.066043	18.067503	0	0	0.002065	0.5736306	47.61919785	0	1.428273678	12.71957071	
09-Jun-24 20:00:01	21.98889732	0	1.430433273	1.618819961	14.1317749	14.12307896	1325058.228	195.4227368	0.054817	15.227019	0	0	0.001895	0.5265820	44.99104309	0	1.430433273	28.93232346	
09-Jun-24 21:00:01	22.36244011	0	1.251742721	1.418496873	0.464907497	13.67176971	1481250.366	230.227997	0.062326	17.311979	0	0	0.001854	0.5150401	42.28050532	0	1.251742721	0.838920187	
09-Jun-24 22:00:01	22.3121624	0	1.71435523	1.892569331	15.25575829	14.29193878	1113790.039	140.1308614	0.046713	12.975717	0	0	0.001908	0.5299215	46.74815513	0	1.71435523	32.29935716	
09-Jun-24 23:00:01	25.91958037	0	1.163884521	1.359589338	3.504238698	13.94124317	1382292.847	198.4893341	0.067457	18.738055	0	0	0.001609	0.4468478	51.87412643	0	1.163884521	6.870922279	
10-Jun-24 00:00:01	20.73494339	0	1.987362706	2.180755815	26.57122421	14.41184153	1157838.110	141.9405212	0.045172	12.547716	0	0	0.002302	0.6393050	44.23471451	0	1.987362706	56.51631927	
10-Jun-24 01:00:01	20.17815318	0	1.917925698	2.113828182	28.98541396	14.39299569	1163291.826	140.5519550	0.044158	12.266913	0	0	0.002231	0.6197519	42.9185124	0	1.917925698	61.39983582	
10-Jun-24 02:00:01	20.63881412	0	2.247506818	2.411710801	29.19381823	14.41705227	1107832.526	134.7872424	0.043013	11.947945	0	0	0.002400	0.6915250	44.34972076	0	2.247506818	62.82649078	
10-Jun-24 03:00:01	21.15651884	0	1.83281672	2.012098273	25.12783813	14.40540123	1125185.649	141.8328705	0.044786	12.440480	0	0	0.002062	0.5728106	45.09069529	0	1.83281672	53.77843094	
10-Jun-24 04:00:01	21.51224699	0	1.851126194	2.045685053	22.67270184	14.37114048	1171035.034	142.341985	0.047385	13.165343	0	0	0.002166	0.6021482	45.80703659	0	1.851126194	48.57927797	
10-Jun-24 05:00:01	20.08300583	0	1.708301425	1.887645347	30.34884453	14.3890295	1118658.079	148.3351593	0.043488	12.079449	0	0	0.001911	0.5308181	43.94660342	0	1.708301425	64.45278168	
10-Jun-24 06:00:01	23.03940239	0	1.87434697	1.959769391	10.80383883	14.15012741	1316997.079	161.4277649	0.057033	15.842826	0	0	0.002203	0.6120651	47.24080276	0	1.87434697	21.4294529	
10-Jun-24 07:00:01	21.9934124	0	1.885407448	2.044307709	24.51542509	14.40395737	1098531.006	141.2465973	0.044529	12.369813	0	0	0.002071	0.5753274	45.02972031	0	1.885407448	52.2959136	
10-Jun-24 08:00:01	24.53124619	0	1.702203912	1.89340661	9.679122139	14.20705272	1165650.171	147.9237671	0.053783	14.942530	0	0	0.001984	0.5511121	50.75023661	0	1.702203912	19.61200216	
10-Jun-24 09:00:01	21.04875628	0	1.984700064	2.169803143	28.37104797	14.46724606	1106620.996	134.9376984	0.043770	12.159987	0	0	0.002194	0.6094790	45.28693626	0	1.984700064	61.2929613	
10-Jun-24 10:00:01	21.48916779	0	1.763803969	1.969600818	22.8898201	14.39383194	1134072.386	145.0054016	0.046703	12.973182	0	0	0.002000	0.5556337	45.57292597	0	1.763803969	48.76809984	
10-Jun-24 11:00:01	21.86497398	0	1.987821341	2.1719203	25.97108116	14.42287636	1154491.172	141.7210236	0.047934	13.669909	0	0	0.002296	0.6374093	45.29018784	0	1.987821341	50.57430267	
10-Jun-24 12:00:01	21.72519302	3.02144E-05	2.019946098	2.198618466	23.1044178	14.35890675	1104282.726	141.4145508	0.045136	12.537886	8.7337E-08	2.426E-05	0.002231	0.6196144	45.98790741	0	2.019946098	48.80111694	
10-Jun-24 13:00:01	25.92956482	0	1.68922307	1.848171949	5.103760719	13.92084694	1367105.347	201.8295829	0.065766	18.268454	0	0	0.002282	0.6338599	50.73244858	0	1.68922307	9.933488938	
10-Jun-24 14:00:01	22.80113809	0	1.648370028	1.830600252	8.124574881	13.96519516	1348700.125	192.8482819	0.057095	15.859752	0	0	0.002223	0.6175436	45.33917191	0	1.648370028	16.4515448	
10-Jun-24 15:00:01	23.91863698	0	1.871207428	1.858325457	11.64841762	14.28050041	1164853.687	142.1791992	0.051534	14.314826	0	0	0.001846	0.5409805	49.18265585	0	1.871207428	24.72136025	
10-Jun-24 16:00:01	21.32640839	0	2.029902342	2.190165536	24.356848	14.41434383	1148978.618	141.7490845	0.046021	12.783491	0	0	0.002328	0.6467080	45.51426171	0	2.029902342	52.18572617	
10-Jun-24 17:00:01	21.1257782	0	2.004451513	2.185520496	27.35730269	14.4108448	1168628.709	142.1314087	0.047243	13.123047	0	0	0.002363	0.6619179	45.07777785	0	2.004451513	57.82947922	
10-Jun-24 18:00:01	20.41497122	0	2.057882984	2.236788622	31.78458935	14.44793582	1160865.762	141.9788648	0.044580	12.385686	0	0	0.002380	0.6635424	45.73868946	0	2.057882984	58.33782248	
10-Jun-24 19:00:01	21.37075424	0	1.978895884	2.144084706	17.57406478	14.18443368	1222023.438	181.9959174	0.049134	13.648215	0	0	0.002418	0.6717360	44.09741882	0	1.978895884	35.46438604	
10-Jun-24 20:00:01	22.28864698	0	1.798309829	1.978231585	17.54829164	14.35998645	1114534.799	141.587668	0.046741	12.983521	0	0	0.002002	0.5581746	47.15014648	0	1.798309829	37.11584682	
10-Jun-24 21:00:01	21.67813411	0	1.884392619	2.079569912	20.62438565	14.37877368	1117814.838	140.9390692	0.045578	12.866489	0	0	0.002166	0.5810079	46.00716787	0	1.884392619	43.73961423	
10-Jun-24 22:00:01	21.72316219	0	1.892480023	2.090774268	21.8987925	14.40273068	1208698.372	140.3445692	0.049397	13.721918	0	0	0.002287	0.6353789	45.29602378	0	1.892480023	46.20073316	
10-Jun-24 23:00:01	22.07196045	0	1.924800092	2.112944878	20.12592294	14.37704372	1110940.052	141.5820618	0.046133	12.814687	0	0	0.002138	0.5939629	45.83843231	0	1.924800092	42.09327845	
11-Jun-24 00:00:01	21.26046987	0	1.983743072	2.178547521	25.27308246	14.37868965	1101536.274	140.0332642	0.044041	12.233521	0	0	0.002185	0.6079013	45.11292848	0	1.983743072	53.3302058	

Site Name: GULF OUT
Stack Name: HRSG STACK23
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jun-24 01:00:01	20.2424203	0	1.647388074	1.857077718	27.57784575	14.33487426	1096947.437	140.0551147	0.041778	11.604863	0	0	0.001807	0.5018846	42.84388387	0	1.647388074	57.93741608	
11-Jun-24 02:00:01	21.2815094	0	1.8659091	2.074722542	20.82870407	14.32910728	1085434.570	140.9733734	0.042558	11.849654	0	0	0.001965	0.5572233	44.84317398	0	1.8659091	43.83872772	
11-Jun-24 03:00:01	21.29541872	0	1.980388114	2.084494114	20.9260022	14.32367257	1126648.362	141.0855782	0.045529	12.646655	0	0	0.002137	0.5937636	44.87001001	0	1.980388114	44.00946599	
11-Jun-24 04:00:01	21.13334084	0	1.91874304	2.110892773	23.59250269	14.34503937	1169760.043	140.8767782	0.046510	12.919472	0	0	0.002242	0.6228195	44.61580275	0	1.91874304	49.69207489	
11-Jun-24 05:00:01	20.9568525	0	1.886587601	2.075412989	22.77031928	14.34435844	1136207.376	142.0622754	0.044892	12.445871	0	0	0.002144	0.5954318	44.25254195	0	1.886587601	47.99051634	
11-Jun-24 06:00:01	21.8829422	0	1.633444785	1.82500091	15.65494478	14.28309435	1128899.707	145.2453613	0.046387	12.885175	0	0	0.001840	0.5112227	45.77006866	0	1.633444785	32.64692001	
11-Jun-24 07:00:01	20.90951729	0	1.802800694	1.990066952	20.99735434	14.33237548	1105707.642	141.9603424	0.043637	12.093638	0	0	0.001905	0.5542149	44.07477951	0	1.802800694	44.16906456	
11-Jun-24 08:00:01	20.22105025	0	1.993259868	2.169543258	27.48452801	14.38457481	1102585.693	141.6892242	0.041948	11.651787	0	0	0.002199	0.6104833	42.9583931	0	1.993259868	58.588501	
11-Jun-24 09:00:01	20.91834722	0	1.924302101	2.109191179	20.16848684	14.36974812	1128459.380	141.2184448	0.044411	12.336488	0	0	0.002172	0.6031969	44.30754471	0	1.924302101	42.93060532	
11-Jun-24 10:00:01	22.681218	0	1.796703577	1.981401200	16.83704758	14.35561094	1147016.724	144.7873077	0.048736	13.538098	0	0	0.002061	0.5724561	47.843168	0	1.796703577	35.36070251	
11-Jun-24 11:00:01	21.77762495	0	2.182611704	2.373226669	23.64141846	14.40683216	1179048.981	141.9867248	0.048144	13.373380	0	0	0.002565	0.7124103	45.8576882	0	2.182611704	51.04560089	
11-Jun-24 12:00:01	21.58366049	0	1.937298152	2.109467016	18.92561913	14.42758721	1186437.865	141.8474579	0.048215	13.393885	0	0	0.002302	0.6390541	46.11033249	0	1.937298152	40.51202393	
11-Jun-24 13:00:01	22.21695192	0	1.700204253	1.894037724	10.81606388	14.18679559	1418219.004	193.5458527	0.058778	16.460867	0	0	0.002411	0.6697807	45.70564733	0	1.700204253	21.93135452	
11-Jun-24 14:00:01	25.682714	0	1.472294052	1.670725226	3.739578578	13.9249894	1419026.123	205.5920757	0.068913	19.031343	0	0	0.002096	0.5838801	51.41247559	0	1.472294052	7.431336836	
11-Jun-24 15:00:01	24.6276466	0	1.581742573	1.719837546	4.877462587	13.94545289	1372220.337	189.4654165	0.063883	17.747967	0	0	0.002140	0.5944080	48.04591751	0	1.581742573	9.478230681	
11-Jun-24 16:00:01	23.26394081	0	1.745831718	1.948452115	10.58493378	14.24878802	1165567.505	183.4625064	0.050884	14.134418	0	0	0.002033	0.5645851	48.43543875	0	1.745831718	21.81045677	
11-Jun-24 17:00:01	22.1971283	0	1.832291603	2.014396701	15.8737345	14.35206121	1107852.964	141.3565584	0.045257	12.549226	0	0	0.002036	0.5637820	46.92769842	0	1.832291603	33.56412125	
11-Jun-24 18:00:01	21.84212415	0	1.840393881	2.01298213	18.88179779	14.38092744	1098894.214	141.4448602	0.044777	12.437635	0	0	0.002024	0.5621883	45.81600781	0	1.840393881	39.66298031	
11-Jun-24 19:00:01	20.48358784	0	2.035073519	2.228426809	31.25293222	14.46774689	1140111.894	142.6978271	0.043837	12.284829	0	0	0.002320	0.6445831	44.08313751	0	2.035073519	67.57712097	
11-Jun-24 20:00:01	24.08251953	0	1.744957585	1.918146139	5.973225594	13.95914323	1209524.175	169.5121216	0.054892	16.222907	0	0	0.002111	0.5862715	48.05379858	0	1.744957585	11.79238472	
11-Jun-24 21:00:01	23.07851668	0	1.520008775	1.67102237	10.57877267	14.24585027	1098773.315	143.6549021	0.047789	13.252362	0	0	0.001676	0.4838298	48.01838179	0	1.520008775	22.09853394	
11-Jun-24 22:00:01	20.3560439	0	1.92515264	2.109116129	25.28471639	14.38558047	1132166.425	142.64328	0.043388	12.051502	0	0	0.002184	0.6054527	43.28794044	0	1.92515264	53.46977615	
11-Jun-24 23:00:01	20.15825876	0	1.900432708	2.075537892	25.37014380	14.40433968	1098149.248	141.5333587	0.041669	11.574603	0	0	0.002087	0.5797167	42.97929001	0	1.900432708	54.26046805	
12-Jun-24 00:00:01	21.33794212	0	1.971309423	2.182908058	22.40089471	14.37843323	1132373.169	141.2620435	0.045409	12.627535	0	0	0.002232	0.6200716	45.31786865	0	1.971309423	47.48110916	
12-Jun-24 01:00:01	21.05878659	0	1.887989093	2.042875767	27.88206708	14.4837896	1128728.816	140.4952463	0.044720	12.422222	0	0	0.002131	0.5919454	45.41915131	0	1.887989093	59.08853015	
12-Jun-24 02:00:01	22.50449753	0	2.207604647	2.384574413	19.39716721	14.37626171	1096234.131	141.9813638	0.046414	12.892855	0	0	0.002420	0.6722305	47.78311009	0	2.207604647	41.1818428	
12-Jun-24 03:00:01	21.19390488	0	2.129189966	2.294465303	24.6042347	14.41684618	1184727.630	144.4330374	0.047240	13.122178	0	0	0.002518	0.6993765	45.28318024	0	2.129189966	52.60845736	
12-Jun-24 04:00:01	20.58957283	0	2.176784068	2.351911763	25.0762043	14.39801784	1115616.230	141.880587	0.043380	12.049912	0	0	0.002427	0.6742608	43.99324036	0	2.176784068	53.36834446	
12-Jun-24 05:00:01	20.43050385	0	2.201265335	2.391621351	25.56380214	14.42445948	1073911.851	141.9716034	0.041279	11.466314	0	0	0.002364	0.6566564	43.87225974	0	2.201265335	54.48728838	
12-Jun-24 06:00:01	20.70586987	0	2.181919338	2.342594831	25.85180582	14.42787239	1112987.427	142.1045685	0.043357	12.043708	0	0	0.002429	0.6745081	44.28587505	0	2.181919338	55.29603195	
12-Jun-24 07:00:01	20.64000684	0	2.180181265	2.351842542	25.38027615	14.4245724	1087774.043	142.4104919	0.042081	11.688344	0	0	0.002372	0.6587624	44.30967782	0	2.180181265	54.21002579	
12-Jun-24 08:00:01	21.85421181	0	2.182648751	2.356037896	18.82620786	14.34855864	1127386.180	147.1059544	0.046382	12.878382	0	0	0.002461	0.6838459	46.19779913	0	2.182648751	39.85952497	
12-Jun-24 09:00:01	21.77247238	0	1.547697818	1.729628785	0.921127915	13.71848176	1492006.999	232.847113	0.061161	16.989198	0	0	0.002311	0.6419002	41.98289212	0	1.547697818	1.582590127	
12-Jun-24 10:00:01	22.877145	0	1.518840073	1.796457819	13.37442207	14.21730887	1247492.186	170.2231995	0.053224	14.784365	0	0	0.002017	0.5602938	47.12753296	0	1.518840073	27.76933864	
12-Jun-24 11:00:01	23.89172888	0	1.715908408	1.911342859	0	13.59418465	1635129.632	264.3906887	0.072784	20.220581	0	0	0.002802	0.7784189	44.30580029	0	1.715908408	0	
12-Jun-24 12:00:01	21.53040362	0	1.58880193	1.764323354	0.017564997	13.64753271	1597848.511	266.8508321	0.064751	17.986482	0	0	0.002538	0.7050515	40.58294295	0	1.58880193	0	
12-Jun-24 13:00:01	22.71248245	0	1.735848426	1.91659581	0	13.59929424	1673706.322	264.8013854	0.071519	19.866441	0	0	0.002905	0.8079507	42.7903295	0	1.735848426	0	
12-Jun-24 14:00:01	23.80878819	0	1.77372396	1.948966025	5.9437747	14.00135885	1469218.919	206.1353316	0.065363	18.156561	0	0	0.002580	0.7166078	47.81177521	0	1.77372396	11.953069	
12-Jun-24 15:00:01	23.80437798	0	1.646370063	1.829731703	0	13.62270949	1668580.859	260.8320288	0.074691	20.747474	0	0	0.002730	0.7607879	44.82288224	0	1.646370063	0	
12-Jun-24 16:00:01	23.44580242	0	1.651720643	1.824782645	0	13.5865751	1638006.301	261.1172284	0.072253	20.070365	0	0	0.002755	0.7615367	44.42838869	0	1.651720643	0	
12-Jun-24 17:00:01	21.41010284	0	2.207362661	2.386024132	19.93877003	14.38381677	1122041.026	141.8296021	0.045197	12.554838	0	0	0.002478	0.6879008	45.49276404	0	2.207362661	42.13386659	
12-Jun-24 18:00:01	20.09062797	0	2.27874136	2.447951666	26.11820084	14.37980175	1110014.648	142.3041534	0.041987	11.654835	0	0	0.002529	0.7028212	42.68353307	0	2.27874136	55.57309314	
12-Jun-24 19:00:01	20.19823456	0	1.98730777	2.174144083	26.0837046	14.34941483	1125607.363	153.1323174	0.042782	11.883769	0	0	0.002237	0.6214484	42.84813347	0	1.98730777	55.31195502	
12-Jun-24 20:00:01	20.81306839	0	2.307112488	2.481479116	30.30900003	14.41669687	1154819.702	141.6023426	0.045320	12.601074	0	0	0.002664	0.7400630	44.43133925	0	2.307112488	64.791009	
12-Jun-24 21:00:01	20.84902329	0	2.22914052	2.421984289	27.44733426	14.3952066	1154381.328	140.680191	0.044709	12.419143	0	0	0.002529	0.7024030	44.59041214	0	2.22914052	58.4583931	
12-Jun-24 22:00:01	20.30260482	0	2.268104583	2.43614176	26.229105	14.35027688	1115492.310	141.4532874	0.042869	11.835769	0	0	0.002530	0.7027626	42.90455706	0	2.268104583	55.4053786	
12-Jun-24 23:00:01	20.43488312	0	2.188003493	2.361384392	25.95834078	14.34287453	1175534.912	141.2276868	0.045196	12.554054	0	0	0.002570	0.7139117	43.14804508	0	2.188003493	54.53458405	
13-Jun-24 00:00:01	21.90431023	0	1.615295849	1.798716307	18.60314285	14.31958675	1086225.830	144.5591644	0.044088	12.468781	0	0	0.001750	0.4867263	46.08581924	0	1.615295849	39.23176193	
13-Jun-24 01:00:01	22.72305107	0	1.142998425	1.322887003	0.05320585	13.58435245	1571926.270	249.9470215	0.067201	18.667833	0	0	0.001868	0.5021424	43.03318408	0	1.142998425	0.102840215	
13-Jun-24 02:00:01	20.33916884	0	1.902211308	2.078283044	25.1907789	14.3567495	1154918.615	141.6986088	0.044158	12.266612	0	0	0.002195	0.6097722	43.28241348	0	1.902211308	53.8160202	
13-Jun-24 03:00:01	19.355793	0	1.912487149	2.08495183	32.37809984	14.36700615	1161377.319	141.9484069	0.042282	11.747914	0	0	0.002721	0.6169776	41.01151875	0	1.912487149	68.7202301	
13-Jun-24 04:00:01	20.04087476	0	1.83220513	2.017121315	26.0732133	14.35665971	1134243.184	141.9355485	0.042785	11.878236	0	0	0.002073	0.5772867	42.45907074	0	1.83220513	55.29708867	
13-Jun-24 05:00:01	20.30129478	0	1.600863161	1.802750684	21.08017591	14.4076873	1123978.247	144.5516062	0.042938	11.927162	0	0	0.001865	0.5181331	43.31938553	0	1.600863161	54.72817093	
13-Jun-24 06:00:01	20.88714299	0	1.783069686	1.960071117	25.32487158	14.37816444	1127025.148	142.3390035	0.044293	12.303507	0	0	0.001997	0.5819480	44.32511084	0	1.783069686	54.42480087	
13-Jun-24 07:00:01	21.19571496	0	1.649083931	1.827693803	23.45073914	14.39920464	1088711.425	141.7159271	0.043416	12.059723	0	0	0.001795	0.4987946	45.10076523	0	1.649083931	49.7527564	
13-Jun-24 08:00:01	21.24568603	0	1.248507977	1.448806302	22.64427948	14.38487298	1129081.306	141.0203857	0.045157	12.543041	0	0	0.001410	0.3917823	45.16818729	0	1.248507977	47.9407369	
13-Jun-24 09:00:01	21.25573372	0	1.640996564	1.826816374	22.78920564	14.43303907	1231133.646	141.5946065	0.048887	13.571256	0	0	0.002014	0.5593862	45.90764889	0	1.640996564	48.55410096	
13-Jun-24 10:00:01	21.15750453	0	1.841544747	2.006379924	24.76862007	14.48326447	1170371.704	140.6270215	0.046587	12.940038	0	0	0.002155	0.5986072	45.5030365	0	1.841544747	53.74291175	
13-Jun-24 11:00:01	21.1763649	0	1.80198431	1.84525597	27.40547371	14.48254105	1254123.281	143.1177673	0.048169	13.687679	0	0	0.002224	0.6177419	45.72748588	0	1.80198431	59.29152928	
13-Jun-24 12:00:01	21.13592655	0	1.836223722	1.996906144	20.36291359	14.3854337	1154366.089	141.7780762	0.045309	12.791517	0	0	0.002120	0.5887904	44.61957255	0	1.836223722	43.24455994	
13-Jun-24 13:00:01	21.14564024	4.30245E-05	1.632865157	1.827729758	28.56292152	14.48011826	1172043.335	148.1135254	0.046677	12.962062	1.3363E-07	3.7892E-05	0.001914	0.5315426	45.51151687	7.99724E-05	1.632865157	61.43506911	
13-Jun-24 14:00:02	21.67247368	0	1.784281422	1.980464716	17.79669928	14.37411765	1177609.131	140.7387095	0.048032	13.342187	0	0	0.002101	0.5836876	45.08201535	0	1.784281422	37.88471883	
13-Jun-24 15:00:02	19.8470993	0	2.367174444	2.227384329	31.58288802	14.49054527	1150184.289	139.2701721	0.042858	11.932289	0	0	0.002367	0.6573726	42.8858044	0	2.367174444	67.98844147	
13-Jun-24 16:00:02	20.58922882	0	1.772262796	1.957575002	21.89977112	14.39763955	1198678.531	141.2644678	0.047118	13.088443	0	0	0.002125	0.5901980	44.48585519	0	1.772262796	46.91048857	
13-Jun-24 17:00:02	20.60122185	0	1.829820306	2.100088684	26.74130301	14.41289507	1189624.986	140.0790905	0.045530	12.646630	0	0	0.002246	0.6237796	44.38677271	0	1.829820306	51.76022799	
13-Jun-24 18:00:02	19.06494875	0	1.58351328	1.788568247	19.6826048	14.16840172	1402277.832	181.9922133	0.052872	14.831156	0	0	0.002221	0.6165127	41.08921184	0	1.58351329	40.95326007	
13-Jun-24 19:00:02	23.39730453	0	1.218259097	1.385718703	0.142877889	13.41040039	1687754.272	263.3288598	0.074294	20.637235	0	0	0.002056	0.5711476	43.30350875	0	1.218259097	0.283480819	
13-Jun-24 20:00:02	23.1386261	0	1.187447857	1.357493042	0	13.40873721	1694782.073	283.9244608	0.073344	20.373722	0	0	0.002001	0.5557221	42.80243301	0	1.187447857	0	
13-Jun-24 21:00:02	23.45135139	0	1.130896833	1.313891512	0	13.42823906	1647544.067	284.7422791	0.072723	20.200795	0	0	0.001863	0.5175671	43.61250460	0	1.130896833	0	
13-Jun-24 22:00:02	22.0822921	0	1.121327877	1.293080422	0	13.43563539	1697677.319	282.4796143	0.070475	19.576426	0	0	0.001904	0.5288548	40.98390441	0	1.121327877	0	
13-Jun-24 23:00:02	21.66422081	0	1.107401013	1.296574271	0	13.41129875	1616901.856	283.0074768	0.065903	18.306411	0	0	0.001791	0.4973774	40.06872223	0	1.107401013	0	
14-Jun-24 00:00:02	20.34558792	0	1.138450027	1.323108826	1.50664E-05	13.41234112	1608680.906	281.6047607	0.061274	17.820897	0	0	0.001831	0.5087230	37.43455006	0	1.138450027	0	
14-Jun-24 01:00:02	20.63048089	0	1.180778661	1.364127376	0.022988987	13.60061131	1678172.363	266.6343994	0.068967	18.976812	0	0	0.001979	0.5497747	38.85570274	0	1.180778661	0.051770872	
14-Jun-24 02:00:02	22.1609664	0	1.167208157	1.359042287	0	13.45290122	1724806.641	284.6132742	0.071875	19.993910	0	0	0.002013	0.5592533	41.23749084	0	1.167208157	0	
14-Jun-24 03:00:02	20.72212791	0	1.116469145	1.296188712	0	13.480299	1670130.371	266.9046767	0.069112	18.698777	0	0	0.001866	0.5179581	38.06874673	0	1.116469145	0	
14-Jun-24 04:00:02	20.90370941	0	1.234726852	1.407664667	0	13.58033867	1642183.574	268.5101624	0.064583	17.939744	0	0	0.002028	0.5632253	38.57600403	0	1.234726852	0	
14-Jun-24 05:00:02	21.04038048	0	1.11655879	1.297760011	0	13.52294156	1585587.646	283.0590515	0.062805	17.445820	0	0	0.001772	0.4920884	39.53409059	0	1.11655879	0	
14-Jun-24 06:00:02	22.19674492	0	1.214118123	1.39352258	0	13.50658303	1679528.108	287.4035066	0.070130	19.482878	0	0	0.002039	0.5664293	41.61728181	0	1.214118123	0	
14-Jun-24 07:00:02	21.8695118	0	1.118831363	1.298402258	0.067820463	13.52170124	1599884.768	282.8403183	0.063586	17.665182	0	0	0.001745	0.4847845	41.24720021	0	1.118831363	0.146910882	
14-Jun-24 08:00:02	21.32735443	0	1.107836604	1.288590071	0	13.51368931	1623208.627	259.8881541	0.065135	18.092864	0	0	0.001748	0.4965391	40.00812912	0	1.107836604	0	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
14-Jun-24 09:00:02	20.75243141	0	2.008497477	2.204186578	20.69749001	14.33858804	1225241.899	155.278850	0.047782	13.275426	0	0	0.002481	0.6835819	43.73234258	0	2.008497477	44.03466885	
14-Jun-24 10:00:02	21.2878042	0	1.813196109	2.001590729	21.12105781	14.35808765	1156954.348	140.72258	0.046296	12.680027	0	0	0.002096	0.5822141	46.01937886	0	1.813196109	44.83870058	
14-Jun-24 11:00:02	21.09588051	0	1.872967076	1.862676186	20.19879913	14.41381845	1158580.425	142.3187918	0.046380	12.883248	0	0	0.001955	0.5430453	46.00701623	0	1.872967076	43.30781174	
14-Jun-24 12:00:02	20.52264824	0	1.745976806	1.912665589	22.37376975	14.39375401	1135950.595	142.2096133	0.044974	12.242885	0	0	0.001983	0.5509331	43.86703537	0	1.745976806	47.5091478	
14-Jun-24 13:00:02	23.90225601	0	1.40458262	1.576833844	5.771352201	13.94174787	1452391.387	207.8386925	0.065313	18.142579	0	0	0.002040	0.5666677	47.57689449	0	1.40458262	11.84918137	
14-Jun-24 14:00:02	19.79057121	0	2.108909369	2.295336174	28.31945368	14.36240101	1217151.245	187.5502319	0.045319	12.588665	0	0	0.002567	0.7130171	41.88184357	0	2.108909369	60.28343201	
14-Jun-24 15:00:02	20.19947524	0	1.722290099	1.888919353	37.48612886	14.47198102	1174038.131	149.7654285	0.044829	12.397926	0	0	0.002023	0.5618327	43.49834442	0	1.722290099	80.80009857	
14-Jun-24 16:00:02	19.69160905	0	1.578358986	2.059434414	36.78409897	14.41257381	1148753.428	147.3369305	0.042343	11.761881	0	0	0.002155	0.5987478	41.903936	0	1.578358986	78.39819904	
14-Jun-24 17:00:02	22.70848274	0	1.24685812	1.441858132	0	13.52592335	1653850.708	281.7169721	0.070815	19.688521	0	0	0.002075	0.5748884	42.6740303	0	1.24685812	0	
14-Jun-24 18:00:02	23.32615852	0	1.215525027	1.388499275	0	13.43878171	1646821.289	283.4805003	0.072225	20.063300	0	0	0.002001	0.5557850	43.31914902	0	1.215525027	0.103579842	
14-Jun-24 19:00:02	21.3997087	0	1.17399466	1.380088468	0	13.48958397	1656371.704	281.7019858	0.069647	19.513131	0	0	0.001943	0.5388327	40.03084185	0	1.17399466	0	
14-Jun-24 20:00:02	21.30624471	0	1.211325789	1.33923845	0	13.48546641	1645125.488	283.7500305	0.065952	18.319903	0	0	0.001992	0.5536868	39.5436847	0	1.211325789	0	
14-Jun-24 21:00:02	21.59505844	0	1.130876285	1.305711985	0	13.42381546	1600456.177	256.7265287	0.065025	18.062388	0	0	0.001810	0.5020084	40.03027725	0	1.130876285	0	
14-Jun-24 22:00:02	22.29902077	0	1.240878344	1.417808091	0	13.48869599	1678736.328	284.5547791	0.068331	18.980736	0	0	0.002021	0.5614086	41.69175301	0	1.240878344	0	
14-Jun-24 23:00:02	23.15121078	0.039688321	1.144811835	1.335897586	0	13.458309	1672276.708	285.3856372	0.072838	20.232291	0.00017458	0.04849738	0.001914	0.5318884	43.11565815	0.074060723	1.14481183	0	
15-Jun-24 00:00:02	21.13358064	0	1.307712913	1.480473322	0	13.50231951	1649735.572	257.8787678	0.065594	18.220638	0	0	0.002157	0.5992727	39.82177277	0	1.307712913	0	
15-Jun-24 01:00:02	21.8194046	0	1.287508507	1.453521846	0	13.50785923	1634317.139	283.7000122	0.067096	18.638129	0	0	0.002072	0.5754187	40.8499903	0	1.287508507	0	
15-Jun-24 02:00:02	22.02318573	0	1.280228707	1.452729106	0	13.50288731	1638546.627	283.3282185	0.067830	18.835779	0	0	0.002095	0.5819841	41.24283763	0	1.280228707	0	
15-Jun-24 03:00:02	20.00654602	0	1.258980274	1.435269482	0.033204615	13.4252317	1628880.859	284.6053284	0.061302	17.028298	0	0	0.002050	0.5695095	37.11410522	0	1.258980274	0.048282676	
15-Jun-24 04:00:02	20.48949825	0	1.337622285	1.508438886	0.054707871	13.3829888	1595211.080	284.7178995	0.061483	17.081400	0	0	0.002134	0.5927164	38.09648743	0	1.337622285	0.063785786	
15-Jun-24 05:00:02	19.9058124	0	1.388700948	1.572146177	0	13.81189905	1621927.124	287.4453735	0.060745	16.873509	0	0	0.002249	0.6247864	37.30857458	0	1.388700948	0.004327721	
15-Jun-24 06:00:02	20.87408371	0	1.392062426	1.560486774	0	13.43662071	1631174.027	282.9120179	0.065391	18.164174	0	0	0.002340	0.6500835	38.38203232	0	1.392062426	0	
15-Jun-24 07:00:02	21.12686712	0	1.786963701	1.98451917	19.66798782	14.30840908	1135042.386	141.1507263	0.045910	12.752731	0	0	0.002064	0.5733385	44.31287384	0	1.786963701	41.25490402	
15-Jun-24 08:00:02	22.36763273	0	1.855344219	1.869507571	9.215980998	14.60520762	1440303.433	196.6451263	0.060815	16.837425	0	0	0.002428	0.6743219	44.90884253	0	1.855344219	19.65684137	
15-Jun-24 09:00:02	20.3597319	0	1.934233904	2.108684138	24.19146544	14.40443371	1150818.602	141.9420335	0.044475	12.354196	0	0	0.002245	0.6236387	43.54594387	0	1.934233904	51.84750197	
15-Jun-24 10:00:02	21.08913422	0	2.271281481	2.4458095	18.81387683	14.3348074	1247383.911	140.9203949	0.048402	13.747988	0	0	0.002833	0.7868886	44.90733948	0	2.271281481	39.86836429	
15-Jun-24 11:00:02	24.64145990	0	1.48109879	1.638330221	4.788104057	13.99139404	1303068.257	183.5082458	0.060411	16.780964	0	0	0.001904	0.5288724	49.39160318	0	1.48109879	9.60823307	
15-Jun-24 12:00:02	20.65319625	0	2.044669717	2.206551513	24.54706192	14.38872593	1144669.860	142.4414835	0.044475	12.354145	0	0	0.002340	0.6500925	43.9035759	0	2.044669717	52.13487625	
15-Jun-24 13:00:02	22.09733391	0	1.523159623	1.703526258	0.039134564	13.4844655	1652724.487	283.260624	0.069126	19.201586	0	0	0.002533	0.7034088	41.39237747	0	1.523159623	0.073731083	
15-Jun-24 14:00:02	20.40033029	0.005334597	1.559411825	1.729295731	25.20091679	14.41240976	1245294.312	155.2951202	0.047780	13.274733	1.8012E-05	0.0050034	0.001939	0.5385578	43.59430531	0	1.559411525	53.87425608	
15-Jun-24 15:00:02	20.34434319	0.000422616	1.904970288	2.071264018	22.93881969	14.40843391	1140059.824	139.2127228	0.043790	12.163865	1.265E-06	0.00035158	0.002179	0.6053942	43.37119676	0.000875825	1.904970288	48.672569	
15-Jun-24 16:00:02	22.56995392	0	1.490680695	1.653523134	12.395051	14.17977359	1255149.586	171.7776195	0.053297	14.804807	0	0	0.001871	0.5197296	45.48625489	0	1.490680695	25.2531147	
15-Jun-24 17:00:02	22.02144814	0	1.644485354	1.824569226	13.91074753	14.3266597	1178611.157	143.7582703	0.048819	13.560797	0	0	0.001938	0.5382543	45.74580002	0	1.644485354	29.4530923	
15-Jun-24 18:00:02	20.16929054	0	2.143438101	2.334088802	32.03238837	14.40350366	1208104.370	141.3333585	0.048120	13.366625	0	0	0.002718	0.7550287	42.97891235	0	2.143438101	68.2522711	
15-Jun-24 19:00:02	23.09840121	0	1.398084928	1.574543731	1.387095857	13.78710201	1504250.002	201.1591034	0.069278	19.243190	0	0	0.002229	0.6191381	44.80927858	0	1.398084928	2.379756993	
15-Jun-24 20:00:02	24.94195938	0	1.247752866	1.412712485	0	13.34009247	1680308.298	248.916587	0.074180	20.599011	0	0	0.001972	0.5477524	48.6580972	0	1.247752866	0	
15-Jun-24 21:00:02	23.20774689	0	1.203008088	1.366745425	0	13.45256424	1644520.388	283.7000122	0.071893	19.945167	0	0	0.001978	0.5495476	45.17490005	0	1.203008088	0	
15-Jun-24 22:00:02	22.81415387	0	1.387000361	1.576846924	0	13.46312609	1605461.418	262.4040222	0.068963	19.153512	0	0	0.002228	0.6188303	42.51338619	0	1.387000361	0	
15-Jun-24 23:00:02	22.16449547	0	1.147250088	1.326375127	0.885171205	13.33010178	1603165.181	233.8361053	0.066653	18.575261	0	0	0.001839	0.5108046	41.87189407	0	1.147250088	0.078790104	
16-Jun-24 00:00:02	22.24720956	0	1.273400784	1.463153283	0	13.39916787	1678633.887	265.548091	0.070260	19.516776	0	0	0.002138	0.5937704	41.704218	0	1.273400784	0	
16-Jun-24 01:00:02	22.99859848	0	1.214300874	1.386572851	0.021348394	13.47642517	1628378.857	259.6879458	0.069231	19.230921	0	0	0.001977	0.5492855	42.18179177	0	1.214300874	0.071840473	
16-Jun-24 02:00:02	22.17380624	0	1.080980778	1.269770861	0.090548702	13.46904945	1546310.737	255.598814	0.064636	17.954583	0	0	0.001675	0.4652383	41.34054665	0	1.080980778	0.13746036	
16-Jun-24 03:00:02	21.72894187	0	1.234707832	1.413810811	0.271080613	13.58176041	1674808.898	281.2745819	0.068452	19.017257	0	0	0.002068	0.5744372	41.13474274	0	1.234707832	0.416882032	
16-Jun-24 04:00:02	20.14922923	0	1.953387618	2.123689175	24.9054203	14.19061565	1196538.917	145.5642548	0.045350	12.599752	0	0	0.002337	0.6492517	41.88009726	0	1.953387618	51.39479683	
16-Jun-24 05:00:02	21.03801165	0	1.829134703	2.021007838	20.77087099	14.28371048	1141806.362	144.7772264	0.045197	12.554744	0	0	0.002089	0.5801895	44.02231979	0	1.829134703	43.35488129	
16-Jun-24 06:00:02	22.09734809	0	1.522204518	1.704632991	13.71871376	14.25363759	1085763.691	143.3283997	0.045140	12.538858	0	0	0.001653	0.4591009	46.07144456	0	1.522204518	28.28519791	
16-Jun-24 07:00:02	19.43437959	0	1.990990591	2.174503501	35.07848808	14.38892001	1090494.205	141.0740204	0.038872	11.075891	0	0	0.002177	0.6046481	41.15832887	0	1.990990591	74.11513097	
16-Jun-24 08:00:02	20.41286469	0	2.036781073	2.234909543	28.24175262	14.39802375	1125842.282	143.4155426	0.043235	12.010424	0	0	0.002293	0.6369712	43.45152149	0	2.036781073	60.12913039	
16-Jun-24 09:00:02	20.804245	0	2.052176813	2.218446403	24.75748825	14.39010324	1124744.751	142.7913361	0.044024	12.228758	0	0	0.002308	0.6411687	44.24120485	0	2.052176813	52.93082973	
16-Jun-24 10:00:02	20.563097	0	1.972786695	2.170977592	29.25863457	14.42265129	1203737.061	143.3462301	0.046569	12.935699	0	0	0.002379	0.6596369	43.96815167	0	1.972786695	33.69148712	
16-Jun-24 11:00:02	20.38930084	0	2.088556911	2.259373428	25.29465620	14.40228748	1192551.270	142.3252669	0.045702	12.694011	0	0	0.002488	0.6912917	43.40188092	0	2.088556911	54.0855484	
16-Jun-24 12:00:02	20.85425873	0	2.09919099	2.274348001	26.5026841	14.43210888	1158684.082	142.6204954	0.046191	12.830764	0	0	0.002495	0.6931119	44.17601775	0	2.09919099	56.73328111	
16-Jun-24 13:00:02	20.25025749	0	1.708446894	1.981019378	29.57621985	14.39823165	1134697.827	150.0113263	0.043238	12.018579	0	0	0.002041	0.5669593	43.10350256	0	1.708446894	63.17099814	
16-Jun-24 14:00:02	24.88468743	0	1.369773326	1.54238877	7.174302183	14.18878937	1267838.182	182.8808713	0.058606	16.295063	0	0	0.001737	0.4824024	50.7395068	0	1.369773326	15.00987259	
16-Jun-24 15:00:02	21.40394211	0	1.181086138	1.321759403	0	13.93491402	1667781.983	252.6584575	0.067159	18.655380	0	0	0.001920	0.5332860	40.27238848	0	1.181086138	0	
16-Jun-24 16:00:02	23.06439019	0	1.128496893	1.320174336	0.050181423	13.5284098	1650670.898	234.9238303	0.067285	18.691239	0	0	0.001750	0.4860904	43.35848236	0	1.128496893	0.10132867	
16-Jun-24 17:00:02	23.97630322	0	1.332479477	1.51031806	0	13.55491447	1753873.109	263.7529602	0.079115	21.976325	0	0	0.002337	0.6491667	45.22843552	0	1.332479477	0	
16-Jun-24 18:00:02	26.4092124	0	1.287046021	1.451330304	1.84282136	13.65730289	1563195.190	231.2292788	0.077867	21.571438	0	0	0.001981	0.5501774	52.01948847	0	1.287045021	3.474241405	
16-Jun-24 19:00:02	24.14287160	0	1.22949507	1.421137452	0	13.50050014	1579938.229	261.4992371	0.076347	21.196460	0	0	0.002116	0.5877501	45.57241836	0	1.22949502	0	
16-Jun-24 20:00:02	23.84640236	0	1.150648749	1.32273221	0	13.50653023	1648620.020	262.9840869	0.073317	20.365920	0	0	0.001911	0.5308870	44.72309850	0	1.150648749	0	
16-Jun-24 21:00:02	23.19115168	0	1.180282354	1.357185139	0	13.53041935	1684833.325	263.7639133	0.073372	20.381140	0	0	0.001988	0.5522847	42.52921877	0	1.180282354	0	
16-Jun-24 22:00:02	23.04813876	0	1.148772479	1.329304981	0	13.49818039	1649167.738	261.4734827	0.071505	19.862748	0	0	0.001895	0.5262550	42.14031107	0	1.148772478	0	
16-Jun-24 23:00:02	21.71001434	0	1.329910945	1.497849464	0.061781347	13.57519508	1617875.343	250.2992659	0.066062	18.350183	0	0	0.002113	0.5866896	40.77983638	0	1.329910945	0.129109802	
17-Jun-24 00:00:02	18.40491480	0	2.241433582	2.421422482	52.29241349	14.57635784	1029849.978	141.7332153	0.035622	9.987285	0	0	0.002290	0.6367151	40.30661664	0	2.241433382	114.2485609	
17-Jun-24 01:00:02	22.77109317	0	1.268380244	1.452680117	7.281459612	14.67982341	1251383.179	188.679364	0.053611	14.891919	0	0	0.001587	0.4408867	44.92187009	0	1.268380244	14.45482758	
17-Jun-24 02:00:02	21.68257329	0	1.13859868	1.326421033	13.40276409	14.24290613	1094837.788	142.6895752	0.044678	12.410487	0	0	0.001244	0.3456731	45.11184292	0	1.13859868	28.1187458	
17-Jun-24 03:00:02	20.9174814	0	1.429147482	1.617902817	17.91534867	14.37865233	1068691.162	143.2124304	0.042057	11.682550	0	0	0.001527	0.4242548	43.73058458	0	1.429147482	37.39681309	
17-Jun-24 04:00:02	20.97021948	0	1.623921394	1.798374503	17.75814687	14.23001633	1092454.834	142.4759095	0.043140	11.983340	0	0	0.001775	0.4932457	43.57218681	0	1.628921394	36.90173603	
17-Jun-24 05:00:02	21.86530228	0	1.564177618	1.738678154	19.31370354	14.30986447	1148312.258	141.7058329	0.046725	12.979487	0	0	0.001787	0.4964734	45.49548721	0	1.569177618	40.81637573	
17-Jun-24 06:00:02	20.92686859	0	1.482509198	1.642081469	20.6347392	14.31187944	1077885.613	141.9462067	0.042339	11.766832	0	0	0.001567	0.4353841	44.11673366	0	1.482509198	43.31636315	
17-Jun-24 07:00:02	20.53217364	0	1.544784093	1.910694371	19.903162	14.30493758	1098437.523	143.0276489	0.042628	11.844290	0	0	0.001807	0.5018728	43.32442093	0	1.644784093	41.47783276	
17-Jun-24 08:00:02	21.07448006	0	1.582196951	1.738359739	22.87326481	14.53438181	1137298.482	145.4783197	0.045093	12.525887	0	0	0.001777	0.4935234	44.43919427	0	1.582196951	47.93451309	
17-Jun-24 09:00:02	22.4164772	0	1.488242149	1.687198671	13.59214401	14.38880356	1151847.188	140.3804721	0.048578	13.493937	0	0	0.001714	0.4761743	46.9450796	0	1.488242149	28.53864736	
17-Jun-24 10:00:02	21.87238121	0	1.538921952	1.729487016	15.61339664	14.36012465	1095058.641	140.9321785	0.044856	12.460182	0	0	0.001678	0.4660756	46.03826265	0	1.538921952	32.72989471	
17-Jun-24 11:00:02	21.82286301	0	1.789078971	1.949036519	17.93111801	14.31022848	1148072.385	140.5829157	0.047252	13.125098	0	0	0.002050	0.5693399	46.37329102	0	1.789078971	37.90069084	
17-Jun-24 12:00:02	20.28411943	0	1.921970487	2.070792437	19.73529916	14.32149023	1160696.269	141.3160636	0.045924	12.728752	0	0	0.002231	0.6196733	44.18577148	0	1.921970487	42.51934314	
17-Jun-24 13:00:02	25.44605356	0	1.817991209	1.766739846	21.97570237	14.2199707	1258072.266	160.6424866	0.049358	13.716872	0	0	0.002077	0.5768813	42.42771149	0	1.817991209	45.55457806	
17-Jun-24 14:00:02	23.81665036	0	1.687602793	1.917568114	12.56088815	14.24706642	1174429.668	160.038269	0.050415	14.004232	0	0	0.001977	0.5492099	47.45367773	0	1.683502793	25.10446066	
17-Jun-24 15:00:02	20.89481326	0	2.04760598	2.198301792	24.21226601	14.41907837	1193654.473	141.4934621	0.046482	12.911674	0	0	0.002438	0.6773372	44.20069771	0	2.04760598	51.81806946	
17-Jun-24 16:00:02	20.58548882	0	2.053809823	2.191711903	29.69047737	14.38029003	1118601.316	142.5088605	0.043291	12.022391	0	0	0.002297	0.6381639	43.55368702	0	2.053809828	54.61771391	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust@7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
17-Jun-24 17:00:02	20.91321373	0	2.04754533	2.185798922	24.2195348	14.40123229	1197864.541	141.263850	0.047123	13.089673	0	0	0.002452	0.6812144	44.09284358	0	2.04754533	51.06942413	
17-Jun-24 18:00:02	20.38372288	0	1.9563884	2.109247446	30.80796547	14.4479847	1213275.146	140.3391120	0.045920	12.624718	0	0	0.002172	0.6590086	43.74415733	0	1.9563884	65.25340707	
17-Jun-24 19:00:02	23.74838606	0	1.334539652	1.47247076	3.890618601	13.94577312	1405032.715	204.0362091	0.062816	17.448932	0	0	0.001876	0.5212240	47.29434204	0	1.334539652	11.45990372	
17-Jun-24 20:00:02	20.96425619	0	1.183428664	1.318642378	0	13.48130804	1672752.051	259.4906008	0.065961	18.322456	0	0	0.001946	0.5404818	39.14834705	0	1.183428664	0	
17-Jun-24 21:00:02	21.53736198	0	1.178100891	1.317807078	0	13.47814476	1653782.637	262.2420044	0.066900	18.610011	0	0	0.001945	0.5402847	40.19023914	0	1.178100891	0	
17-Jun-24 22:00:02	21.90437698	0	1.735294938	1.913097501	20.33454895	14.37850189	1125787.729	141.7818146	0.046519	12.921814	0	0	0.001959	0.5441103	46.54790115	0	1.735294938	43.30486868	
17-Jun-24 23:00:02	22.21588418	0	1.720150709	1.888122488	15.16841045	14.12870026	1134337.846	148.7110291	0.047412	13.169888	0	0	0.001951	0.5420088	46.51187579	0	1.720150709	33.96833122	
18-Jun-24 00:00:02	19.41148949	0	2.090881314	2.252888133	47.05484758	14.45897599	1109870.410	148.0046929	0.040528	11.257173	0	0	0.002320	0.6444353	41.70472717	0	2.090881314	101.2182236	
18-Jun-24 01:00:02	24.93284039	0	1.300807714	1.453652425	6.187826178	14.01574902	1319923.706	188.6456675	0.061916	17.198797	0	0	0.001717	0.4769353	50.15908525	0	1.300807714	12.51941580	
18-Jun-24 02:00:02	21.7069605	0	1.165941596	1.324228787	0.781844735	13.61268139	1531462.698	234.6022156	0.062788	17.440510	0	0	0.001768	0.4909869	41.43048096	0	1.165941596	1.433101415	
18-Jun-24 03:00:02	26.39259991	0	1.140109398	1.261924986	3.952282606	13.5946035	1314832.498	190.9772949	0.062815	17.448500	0	0	0.001499	0.4163403	50.21906518	0	1.140109398	7.60117321	
18-Jun-24 04:00:02	20.85739059	0	1.919239759	2.078751131	28.15136719	14.41352365	1158158.213	142.6180251	0.044934	12.481877	0	0	0.002216	0.6163789	44.06630216	0	1.919239759	60.19274902	
18-Jun-24 05:00:02	20.68199435	0	1.826884428	1.978344488	21.8730278	14.3811784	1097840.747	140.0374298	0.043125	11.978872	0	0	0.002004	0.5566518	44.2093644	0	1.825884428	46.3426085	
18-Jun-24 06:00:02	23.75628854	0	1.449523687	1.60124898	6.181459427	13.93093109	1332941.899	188.2249463	0.059578	16.549775	0	0	0.001932	0.5367030	47.20825805	0	1.449523687	12.18748188	
18-Jun-24 07:00:02	22.22451401	0	1.515841126	1.557877674	14.14443111	14.28685379	1080721.498	141.3995636	0.045188	12.552277	0	0	0.001638	0.4550561	46.52719604	0	1.515841126	29.38472986	
18-Jun-24 08:00:02	20.86054536	0	1.599949508	1.750137906	20.89981384	14.31166553	1129603.271	148.8939056	0.043968	12.196752	0	0	0.001807	0.5020391	43.41814423	0	1.599949508	43.66017553	
18-Jun-24 09:00:02	20.9226284	0	1.985412359	2.136284113	23.47147179	14.39443779	1157948.730	142.0574265	0.045581	12.661409	0	0	0.002300	0.6388127	44.50323914	0	1.985412359	50.02136993	
18-Jun-24 10:00:02	21.04124067	0	2.043876888	2.198123693	25.09109492	14.40489483	1191720.293	140.9885857	0.047176	13.104548	0	0	0.002436	0.6765914	44.65298538	0	2.043876888	53.43922424	
18-Jun-24 11:00:02	21.71990325	0.02991152	1.978780508	2.134194136	21.38728333	14.4153738	1178779.883	141.0314366	0.048169	13.380335	1.824E-05	0.00500676	0.002333	0.6479295	46.35340678	0	1.978780508	45.62575043	
18-Jun-24 12:00:02	21.17357938	0	1.865278125	2.005818367	21.51999474	14.36354365	1122888.398	144.5958262	0.044907	12.499145	0	0	0.002107	0.5852597	44.88128403	0	1.865278125	45.65390245	
18-Jun-24 13:00:02	21.06227232	0	2.122844458	2.299656339	27.37037359	14.47232248	1189816.260	140.606486	0.046556	12.876423	0	0	0.002494	0.6896751	45.35943604	0	2.122844458	58.74697679	
18-Jun-24 14:00:02	21.18228485	0	1.330878125	1.478029436	16.90667904	14.22627605	1266200.928	179.2248535	0.050413	14.003663	0	0	0.001685	0.4680284	43.6587999	0	1.330078125	35.34621811	
18-Jun-24 15:00:02	22.82407978	0	1.641407371	1.788488269	5.591423035	14.10676384	1299712.891	165.9200592	0.055813	15.503862	0	0	0.002133	0.5925966	46.52822113	0	1.641407371	13.27547039	
18-Jun-24 16:00:02	22.13680687	0	1.481787077	1.814515781	16.17267609	14.3920097	1167049.880	144.6559434	0.048803	13.500731	0	0	0.001706	0.4738763	47.13544846	0	1.481787077	30.8429718	
18-Jun-24 17:00:02	24.57737923	0	1.202105785	1.338386117	0.065786603	13.5221982	1548637.573	247.549881	0.071516	19.865550	0	0	0.001656	0.5155013	48.16418457	0	1.202105785	0.03987095	
18-Jun-24 18:00:02	25.06866403	0	1.298391838	1.445141812	4.604638082	13.96270752	1300504.639	187.760496	0.065162	18.100989	0	0	0.001782	0.4978080	50.06637238	0	1.298391933	8.887304549	
18-Jun-24 19:00:02	21.40917778	0	1.670752408	1.817495984	17.19504715	14.2037488	1337437.134	188.6790183	0.053871	14.964074	0	0	0.002235	0.6207618	44.77574158	0	1.670752405	35.64810672	
18-Jun-24 20:00:02	22.5118133	0	1.20596981	1.347795115	0	13.4786631	1618009.180	259.3460474	0.068609	19.058097	0	0	0.001954	0.5426560	42.01823044	0	1.20596981	0	
18-Jun-24 21:00:02	21.89137077	0	1.164372802	1.323001027	0	13.61668965	1634565.063	253.696488	0.068145	18.929244	0	0	0.001927	0.5351474	41.19339752	0	1.164372802	0	
18-Jun-24 22:00:02	21.80402154	0	1.918795477	1.88327108	13.35448837	14.08829594	1258666.284	158.7172546	0.051629	14.341321	0	0	0.001911	0.5309761	44.32247925	0	1.918785477	25.25502884	
18-Jun-24 23:00:02	21.87793063	0	1.511831990	1.68470325	9.473800782	13.98081306	1335823.853	178.8167603	0.054481	15.133643	0	0	0.002028	0.5698637	43.39082718	0	1.511831999	19.03681974	
19-Jun-24 00:00:02	20.70114136	0	1.327261209	1.482310534	0.30135489	13.52392864	1546150.148	251.8039856	0.060216	16.727188	0	0	0.002052	0.5700403	38.88659288	0	1.327261209	0.695317814	
19-Jun-24 01:00:02	21.74866027	0	1.302878618	1.541581669	0	13.49267551	1624124.092	253.1617419	0.066458	18.460984	0	0	0.002282	0.6283279	40.8682832	0	1.302878618	0	
19-Jun-24 02:00:02	24.96068854	0	1.3537923	1.518563965	1.487782478	13.55511093	1548435.303	249.186169	0.072716	20.198825	0	0	0.002096	0.5822944	47.08468408	0	1.3537923	2.857549429	
19-Jun-24 03:00:02	21.67302132	0	1.733637821	1.870324177	17.91587859	14.33547678	1142178.711	141.8029655	0.046573	12.936893	0	0	0.001980	0.5500345	45.7214241	0	1.733637821	37.88642944	
19-Jun-24 04:00:02	21.3587026	0	1.67300868	1.822404265	18.11180278	14.30919685	1131885.845	142.296187	0.045479	12.632975	0	0	0.001894	0.5290050	44.55710798	0	1.67300868	38.2823143	
19-Jun-24 05:00:02	21.43403663	0	2.040153775	2.201022587	22.32012801	14.35612883	1098613.184	144.2879729	0.044298	12.305112	0	0	0.002241	0.6226888	45.34531403	0	2.043153775	46.90163122	
19-Jun-24 06:00:02	21.21903733	0	1.979482174	2.127554822	27.14389648	14.41049662	1073193.399	142.2539978	0.042925	11.923860	0	0	0.002124	0.5901920	45.35193253	0	1.979482174	57.82530384	
19-Jun-24 07:00:02	21.23298731	0	1.81332767	1.97331683	23.32909846	14.38815648	1138081.177	142.0939331	0.045382	12.606333	0	0	0.002060	0.5722466	44.99580765	0	1.81332767	49.57711411	
19-Jun-24 08:00:02	20.76951904	0	1.89025414	2.03822422	24.69999037	14.40464211	1136798.708	142.018098	0.043893	12.226365	0	0	0.002140	0.5946996	45.85810852	0	1.89025474	52.8253746	
19-Jun-24 09:00:02	21.08945084	0	1.825388193	1.974677904	19.22429404	14.31309781	1108590.898	140.9934082	0.043988	12.218361	0	0	0.002024	0.5621134	44.33769226	0	1.825388193	40.28081295	
19-Jun-24 10:00:02	21.33036232	0	2.015169671	2.165879057	22.45977783	14.3828907	1149903.984	141.4523093	0.046026	12.785026	0	0	0.002311	0.6420016	45.29793167	0	2.015169821	47.53381691	
19-Jun-24 11:00:02	21.14681955	0	2.017753860	2.158943394	23.53199959	14.38397034	1108090.698	141.3589303	0.044073	12.242506	0	0	0.002236	0.6210737	44.90408707	0	2.017753883	50.2427673	
19-Jun-24 12:00:02	21.73883730	0	1.783688282	1.929977062	18.25900459	14.38430319	1168047.461	141.4141693	0.047870	13.241587	0	0	0.002058	0.5718276	46.17157245	0	1.783688282	38.80890252	
19-Jun-24 13:00:02	22.85514069	0	2.250896603	2.395383331	12.12125397	14.20259154	1185069.580	140.3237915	0.050957	14.154616	0	0	0.002679	0.7442555	47.3640508	0.002261633	2.250896083	25.27988145	
19-Jun-24 14:00:02	24.40937424	0	2.164478779	2.316890832	9.054890714	14.12194865	1133473.267	141.4883507	0.052053	14.459204	0	0	0.002453	0.6814041	49.88445814	0	2.164478779	18.13482759	
19-Jun-24 15:00:02	20.94737475	0	1.889513016	2.040880716	25.14833363	14.37159735	1129727.051	140.4256524	0.044523	12.367404	0	0	0.002135	0.5929639	44.43386841	0	1.889513016	46.11784145	
19-Jun-24 16:00:02	21.62917207	0	1.849273609	2.004262209	20.34184692	14.37058176	1191851.085	141.6925598	0.046457	12.904605	0	0	0.002112	0.5865942	45.84365082	0	1.849273609	42.34335446	
19-Jun-24 17:00:02	21.50489429	0	1.898760057	2.057621672	20.38897896	14.37270451	1182681.519	141.829004	0.047041	13.066966	0	0	0.002206	0.6132336	45.60978317	0	1.898760057	43.0634545	
19-Jun-24 18:00:02	21.73248755	0	1.852126479	1.985014281	20.21154976	14.41127872	1144898.682	141.9649353	0.046612	13.093278	0	0	0.002120	0.5890278	45.36309078	0	1.852126479	43.23337081	
19-Jun-24 19:00:02	20.87539191	0	1.278510451	1.41744101	29.80127907	14.3554584	1280364.138	150.5562828	0.050288	13.968333	0	0	0.001637	0.4547198	44.14442444	0	1.278510451	62.9462391	
19-Jun-24 20:00:02	23.37192890	0	1.072483301	1.229465127	8.529441926	13.9860487	1335329.298	169.0877032	0.058727	16.313032	0	0	0.001432	0.3978189	46.82632448	0	1.072483301	16.89323801	
19-Jun-24 21:00:02	21.47379181	0	1.024380221	1.185149789	0	13.48778702	1613690.918	260.0564509	0.065891	18.277959	0	0	0.001653	0.4591803	40.40876389	0	1.024390221	0	
19-Jun-24 22:00:02	20.95690294	0	1.420479884	1.572968174	13.6742773	14.30509853	1151690.308	141.7214356	0.050181	13.933706	0	0	0.001850	0.4553771	48.16873708	0	1.425479884	29.00941849	
19-Jun-24 23:00:02	21.33329893	0	1.395073295	1.542166405	13.67080706	14.12977682	1519005.470	187.3715353	0.062930	14.705340	0	0	0.001840	0.5111410	43.82041855	0	1.395073295	27.91032028	
20-Jun-24 00:00:02	20.63539698	0	1.600758862	1.66465403	0	13.52371597	1569279.458	260.8725281	0.060796	16.887883	0	0	0.002355	0.6541310	38.77096176	0	1.600758862	0.035253309	
20-Jun-24 01:00:02	21.24298612	0	1.596874765	1.78700139	0	13.52638395	1649006.493	264.569325	0.062787	17.418740	0	0	0.002505	0.6959519	39.91588211	0	1.596824765	0	
20-Jun-24 02:00:02	22.16709783	0	1.716349296	1.878880287	0.098225738	13.58895141	1646058.878	257.3681013	0.064384	17.882178	0	0	0.002654	0.7371091	41.63835602	0	1.716349496	0.142500296	
20-Jun-24 03:00:02	19.2730702	0	2.423074484	2.582364798	39.90961304	14.64001761	1093758.301	138.9528591	0.038643	11.011836	0	0	0.002649	0.7358462	42.60469818	0	2.423074484	87.38906586	
20-Jun-24 04:00:02	20.51082886	0	2.173170507	2.337909407	23.21149913	14.351161	1144624.902	142.1034393	0.044146	12.262776	0	0	0.002488	0.6909902	43.38666626	0	2.173170507	48.75876617	
20-Jun-24 05:00:02	21.12446022	0	2.25114584	2.434031963	21.93679569	14.35389406	1089838.574	142.1874692	0.043044	11.956554	0	0	0.002438	0.6772438	44.69117355	0	2.25114584	46.27958030	
20-Jun-24 06:00:02	21.33138275	0	2.274641037	2.453619106	21.87306340	14.35309505	1094243.852	140.5266397	0.043915	12.198587	0	0	0.002489	0.6913921	45.09032059	0	2.274641037	46.38912201	
20-Jun-24 07:00:02	21.5934124	0	2.159053637	2.358281851	20.1508159	14.35790276	1149998.901	141.3001662	0.046719	12.977624	0	0	0.002482	0.6893776	45.76377487	0	2.158053637	42.63792747	
20-Jun-24 08:00:02	22.07656162	0	2.212056575	2.427599122	15.10947687	14.35073186	1179020.020	141.4017628	0.048971	13.603070	0	0	0.002608	0.7244609	46.79632458	0	2.212056576	31.5032602	
20-Jun-24 09:00:02	20.97236061	0.005032779	2.307300091	2.52548833	22.50428188	14.39032566	1121626.784	141.4839475	0.044258	12.293426	1.4776E-06	0.00410445	0.002588	0.7188708	44.59665081	0.001340139	2.307300091	47.80495202	
20-Jun-24 10:00:02	22.24777794	0	1.653021255	2.005187902	0.05888886	13.51758671	1674206.518	281.8172302	0.067084	18.634475	0	0	0.003026	0.8405376	41.75798798	0	1.653021256	0.001897741	
20-Jun-24 11:00:02	22.7003727	0.003507022	1.820890427	1.953946978	0	13.49080153	1663907.227	283.6592627	0.071063	19.739610	1.571E-05	0.00436392	0.003030	0.8416091	42.40858405	0	1.820890427	0	
20-Jun-24 12:00:02	22.05600255	0	1.822665572	1.974468734	5.032995701	13.66085683	1625481.172	220.6039720	0.067909	18.750996	0	0	0.002964	0.8234657	43.40845218	0	1.822665572	10.09109805	
20-Jun-24 13:00:02	22.25742631	0	1.752729462	1.912938116	0	13.39490032	1784601.685	283.6592407	0.074730	20.758343	0	0	0.003125	0.8688673	41.08197784	0	1.752729462	0	
20-Jun-24 14:00:02	21.7335483	0	1.677397013	1.816987458	0	13.45390034	1603472.048	251.1063984	0.066505	18.212534	0	0	0.002690	0.7471278	40.43751007	0	1.677397013	0	
20-Jun-24 15:00:02	20.95585261	0	1.94783771	2.094430281	5.804117413	13.94487381	1446069.228	198.868035	0.057012	15.836605	0	0	0.002817	0.7824130	41.7429657	0	1.94783771	11.5149074	
20-Jun-24 16:00:02	21.75728418	0	1.706331016	1.843287798	0.03371086	13.43879024	1620401.511	250.5344391	0.066329	18.424644	0	0	0.002786	0.7680380	40.43748028	0	1.706331016	0	
20-Jun-24 17:00:02	19.31914139	0	2.388286591	2.523667904	24.41003799	14.42193317	1217631.738	140.4791412	0.044235	12.287575	0	0	0.002907	0.8073640	41.27665092	0	2.388286591	52.22738066	
20-Jun-24 18:00:02	19.97613967	0	2.391030073	2.503789425	23.69783401	14.34422018	1105353.516	142.3823073	0.041578	11.549421	0	0	0.002645	0.7346124	42.18163800	0	2.391030073	50.18809509	
20-Jun-24 19:00:02	20.90903712	0	2.198227682	2.341320276	16.0678604	14.34169922	1146579.028	142.3545313	0.044450	12.347327	0	0	0.002520	0.7000007	42.85783006	0	2.198227682	32.93479619	
20-Jun-24 20:00:02	23.7509594	0	1.66257453	1.813700298	2.847076787	13.75351143	1487158.205	229.4620044	0.066453	18.459292	0	0	0.002473	0.6868087	46.02892931	0	1.66257453	5.431052	
20-Jun-24 21:00:02	20.88941725	0	1.56560304	1.716840029	0	13.37327687	1771476.929	283.5640604	0.069503	19.307714	0	0	0.002801	0.7779210	38.40117545	0	1.56560304	0	
20-Jun-24 22:00:02	19.82590566	0	1.882393122	2.034527438	17.27742652	14.18354321	1375796.348	180.6607367	0.051316	14.254900	0	0	0.002590	0.7193651	40.8559767	0	1.882393122	35.17192078	
20-Jun-24 23:00:02	18.59645416	0	2.421041727	2.581493874	43.42361867	14.47780097	1169234.375	137.8379424	0.040873	11.353855	0	0	0.002828	0.7856512	40.01457733	0	2.421041727	93.7970047	
21-Jun-24 00:00:02	19.99047279	0	1.879934669	2.08342104	21.82474527	14.18217278	1278527.937	197.7427216	0.045819	12.671961	0	0	0.002400	0.6667648	39.14342117	0	1.879934669	45.21703839	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: [illegible]

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
21-Jun-24 01:00:02	20.22929001	0	1.752420545	1.307227771	18.60155296	14.24352264	1093597.412	141.9884338	0.041821	11.581511	0	0	0.001916	0.5323452	42.0557196	0	1.752420545	34.40924454	
21-Jun-24 02:00:02	19.70436578	0	1.662807088	1.839675102	22.93779584	14.31594066	1125474.121	142.8125916	0.041760	11.600006	0	0	0.001896	0.5266863	41.41558838	0	1.662807088	45.2960434	
21-Jun-24 03:00:02	19.84576823	0	2.069819656	2.221373568	23.73297119	14.30135059	1111064.331	141.8500366	0.041491	11.525226	0	0	0.002296	0.6387446	41.54740372	0	2.069819656	40.793398	
21-Jun-24 04:00:02	19.95945982	0	1.965860367	2.130986067	21.93249702	14.29281712	1138568.701	141.9602509	0.042004	11.656600	0	0	0.002235	0.6207033	41.82373717	0	1.965860367	45.87506812	
21-Jun-24 05:00:02	19.94895744	0	1.859588027	1.997991323	20.02920532	14.28008461	1116833.740	141.9961537	0.041917	11.643544	0	0	0.002077	0.5769036	41.73392487	0	1.859588027	41.91383362	
21-Jun-24 06:00:02	19.60213623	0	1.847206473	2.002787113	22.42723694	14.24537086	1181447.144	143.5035663	0.043348	12.041288	0	0	0.002182	0.6062158	40.58467865	0	1.847206473	46.95384979	
21-Jun-24 07:00:02	20.69327163	0	1.952192426	2.087239255	20.77237129	14.31078625	1090310.425	141.0247192	0.042450	11.791538	0	0	0.002126	0.5812488	43.47523117	0	1.952192426	43.61972473	
21-Jun-24 08:00:02	19.80585289	0	1.978456998	2.127148887	22.00109887	14.30875651	1087175.345	142.5447998	0.040511	11.243066	0	0	0.002151	0.5974851	41.58282253	0	1.978456998	46.34993828	
21-Jun-24 09:00:02	19.67347527	0	2.198012114	2.352184745	24.1288185	14.33056736	1109689.087	140.8500061	0.041073	11.409298	0	0	0.002439	0.6775306	41.48049118	0	2.198012114	50.88239243	
21-Jun-24 10:00:02	20.0935075	0	2.107602358	2.263186941	20.15484292	14.33258629	1114108.765	142.684082	0.042116	11.698774	0	0	0.002348	0.6522495	42.35451889	0	2.107602358	42.55158234	
21-Jun-24 11:00:02	19.87432175	0	2.399701834	2.632047987	30.47347641	14.44602806	1158814.453	141.3191071	0.042676	11.854332	0	0	0.002781	0.7724478	41.9935379	0	2.399701834	65.24710846	
21-Jun-24 12:00:02	20.20649393	0	2.293897629	2.436896072	24.97793625	14.4022640	1149137.973	141.9541626	0.043532	12.092152	0	0	0.002627	0.7296745	43.04560852	0	2.293897629	53.48846487	
21-Jun-24 13:00:02	19.72621536	0	2.35677886	2.600203848	34.43837738	14.3742609	1145970.703	140.0167389	0.042530	11.813013	0	0	0.002701	0.7502221	41.84657969	0	2.35677886	71.64374542	
21-Jun-24 14:00:02	20.32237053	0	2.165320635	2.313724279	27.10821342	14.41672516	1157740.112	142.0380096	0.044265	12.295945	0	0	0.002507	0.6963552	43.3804953	0	2.165320635	57.63167267	
21-Jun-24 15:00:02	20.21691895	0	2.200137854	2.340395689	25.57840157	14.40217113	1112306.864	142.3884246	0.042306	11.752103	0	0	0.002447	0.6797840	43.07607269	0	2.200137854	54.34953028	
21-Jun-24 16:00:02	19.76004219	0	2.204376882	2.346315384	24.00096718	14.33245754	1113312.012	144.234438	0.041388	11.496913	0	0	0.002454	0.6817106	41.66437317	0	2.204376882	50.91459274	
21-Jun-24 17:00:02	19.32741737	0	2.262786381	2.404242277	30.09841347	14.38550694	1171055.788	141.8445587	0.042582	11.825401	0	0	0.002650	0.7360627	41.07456589	0	2.262786381	63.78445053	
21-Jun-24 18:00:02	19.66773109	0	2.339452505	2.470158577	28.93462944	14.41712284	1188654.175	142.1864208	0.044431	12.341880	0	0	0.002781	0.7724444	42.44234848	0	2.339452505	62.08435822	
21-Jun-24 19:00:02	23.6387661	0	1.362915874	1.521406412	7.238879204	14.08658673	1301083.138	174.7458717	0.058354	16.209338	0	0	0.001780	0.4900024	48.44247818	0	1.362915874	14.8282053	
21-Jun-24 20:00:02	20.1791885	0	1.65312314	1.79586837	13.65106106	14.00009969	1399378.784	193.9136947	0.053127	14.757504	0	0	0.002313	0.6425000	40.51290812	0	1.65312314	27.41049064	
21-Jun-24 21:00:02	20.50899887	0	1.526789998	1.656840682	15.20328751	14.12177318	1402098.633	182.3889923	0.054101	15.027941	0	0	0.002141	0.5946330	41.90029907	0	1.526789998	30.94551849	
21-Jun-24 22:00:02	20.32023239	0	1.918892480	2.053248824	18.16133095	14.17328368	1375498.687	175.5442738	0.050674	14.076188	0	0	0.002543	0.7065212	41.82213765	0	1.918892480	37.31020866	
21-Jun-24 23:00:03	18.41930771	0	2.093226194	2.266457568	45.19280017	14.59283161	1173013.794	138.4571533	0.038917	10.810228	0	0	0.002351	0.6529793	40.41237259	0	2.093226194	98.41982516	
22-Jun-24 00:00:03	17.62381935	0	1.747729421	1.897973776	58.09553091	14.5881433	1136108.621	152.5884882	0.037878	10.463906	0	0	0.001880	0.5515584	38.33247757	0	1.747729421	126.4764404	
22-Jun-24 01:00:03	24.13857997	0	2.197379251	2.336208344	7.634403229	14.13444973	1101445.801	143.9344177	0.050058	13.905138	0	0	0.002420	0.6723830	49.37102509	0	2.197379251	15.63575928	
22-Jun-24 02:00:03	20.56578729	0	1.954564439	2.099829197	24.16103935	14.3533782	1147828.491	142.1565039	0.044412	12.336882	0	0	0.002243	0.6231926	43.48716252	0	1.954564439	51.10873796	
22-Jun-24 03:00:03	20.2148037	0	2.038738725	2.186424732	25.93498802	14.32908344	1104347.046	141.0873566	0.042909	11.880795	0	0	0.002251	0.6254097	42.59373529	0	2.038738725	54.55089569	
22-Jun-24 04:00:03	20.13806915	0	2.083123207	2.221467972	25.09325218	14.32920361	1153241.089	142.4623108	0.043694	12.137085	0	0	0.002402	0.6673178	42.43749786	0	2.083123207	53.14206314	
22-Jun-24 05:00:03	22.02180672	0	1.61016892	1.760072598	16.81164551	14.26409034	1071413.330	140.6889954	0.044390	12.330004	0	0	0.001725	0.4792071	46.9456482	0	1.61016892	35.11795044	
22-Jun-24 06:00:03	20.63217645	0	2.008087158	2.152340412	24.43882425	14.32172971	1083273.315	141.5038147	0.042060	11.680449	0	0	0.002175	0.6042520	43.42544174	0	2.008087158	51.11196889	
22-Jun-24 07:00:03	20.35924721	0	1.983724833	2.128828049	24.73595238	14.356886	1120830.833	141.4174228	0.042932	11.925547	0	0	0.002223	0.6176167	43.07773972	0	1.983724833	52.42688781	
22-Jun-24 08:00:03	19.90313339	0	2.071787807	2.215421915	26.96000099	14.34732914	1144221.924	141.8770752	0.042646	11.881676	0	0	0.002371	0.6584885	42.07839584	0	2.071787807	57.08501053	
22-Jun-24 09:00:03	20.46522018	0	2.038558142	2.191659889	20.78721619	14.31903172	1159409.268	142.0529785	0.044716	12.418369	0	0	0.002364	0.6560174	43.11749268	0	2.038558142	43.94029817	
22-Jun-24 10:00:03	20.60573714	0	2.301981211	2.437256813	23.88343048	14.37726688	1159635.378	142.2358422	0.044868	12.458410	0	0	0.002669	0.7410163	43.72978882	0	2.301981211	49.6358812	
22-Jun-24 11:00:03	20.54197311	0	2.187088098	2.342398001	24.65812874	14.36158466	1118737.915	141.6046753	0.043238	12.018116	0	0	0.002458	0.6827678	43.49637985	0	2.187088098	52.34193039	
22-Jun-24 12:00:03	20.6648528	0	2.070013484	2.226915121	23.34515782	14.3241272	1186241.869	144.5220032	0.045341	12.594842	0	0	0.002414	0.6705863	43.51631546	0	2.070013484	48.26291275	
22-Jun-24 13:00:03	20.10984283	0	2.322218749	2.48084094	29.26252719	14.41632542	1182044.887	141.3963154	0.044722	12.422886	0	0	0.002745	0.7624696	42.9683804	0	2.322218749	62.45275116	
22-Jun-24 14:00:03	19.17078018	0	2.202138424	2.340657711	33.94957788	14.40561008	1135390.991	140.6798706	0.040951	11.375276	0	0	0.002500	0.6945245	40.86403702	0	2.202138424	72.50432587	
22-Jun-24 15:00:03	19.56458231	0	2.264947863	2.435733044	31.10140228	14.39980596	1152789.063	142.0384521	0.042451	11.791921	0	0	0.002647	0.7352851	41.55645105	0	2.264947863	66.33474731	
22-Jun-24 16:00:03	19.6784668	0	2.356019808	2.499488565	28.97125808	14.40109539	1151008.945	141.5131226	0.042814	11.837126	0	0	0.002711	0.7529675	41.91722	0	2.356019808	60.52644908	
22-Jun-24 17:00:03	22.12081119	0	1.75148292	1.896780454	13.64173183	14.32154274	1138321.633	142.124849	0.047374	13.159474	0	0	0.001994	0.5538217	46.53417587	0	1.75148292	28.6984568	
22-Jun-24 18:00:03	19.13718698	0	2.45690918	2.588902473	36.00890732	14.42925884	1110298.968	141.2001801	0.039975	11.154853	0	0	0.002728	0.7577292	40.93593597	0	2.45690918	77.08782471	
22-Jun-24 19:00:03	21.40875027	0	1.597465396	1.730693443	14.08740234	14.08782291	1438116.333	203.2341766	0.057917	16.087958	0	0	0.002297	0.6381593	43.91470184	0	1.597465396	28.47025062	
22-Jun-24 20:00:03	23.19543457	0	1.47971642	1.621498346	3.8015842	13.74626978	1501359.863	219.3854218	0.065519	18.199081	0	0	0.002222	0.6171075	44.9119072	0	1.47971642	7.576868321	
22-Jun-24 21:00:03	19.51988313	0	1.448457837	1.581942439	19.40969489	14.10306931	1287491.456	184.2630615	0.047282	13.134018	0	0	0.001866	0.5180214	39.76644571	0	1.448457837	39.622062	
22-Jun-24 22:00:03	22.09936934	0	1.902220011	2.029361297	13.33082104	14.21448421	1071986.792	140.8574677	0.044540	12.373857	0	0	0.002038	0.5662205	46.76012802	0	1.902220011	27.70837402	
22-Jun-24 23:00:03	19.68276216	0	2.059980392	2.214350283	28.77808189	14.37486621	1135784.058	141.6069489	0.042058	11.683105	0	0	0.002340	0.6499147	41.74006650	0	2.059980392	61.02156304	
23-Jun-24 00:00:03	19.4538784	0	2.199828592	2.348845697	32.53273392	14.42449951	1167209.229	141.9568318	0.042729	11.869738	0	0	0.002567	0.7131741	41.59596253	0	2.199828592	69.60918427	
23-Jun-24 01:00:03	21.3339901	0	1.257132044	1.407517552	0.417014887	13.6285563	1550843.750	251.6019287	0.062247	17.290880	0	0	0.001966	0.5458877	40.64033127	0	1.257132044	0.810737371	
23-Jun-24 02:00:03	31.12153625	0	1.291730881	1.438717727	0.001129845	13.45919514	1858181.030	265.9545288	0.066219	18.391797	0	0	0.002152	0.5976483	39.33691025	0	1.291730881	0	
23-Jun-24 03:00:03	30.47536354	0	1.224209785	1.371768594	0	13.53860879	1737248.391	261.2731934	0.066758	18.544202	0	0	0.002127	0.5907857	38.41564178	0	1.224209785	0.083351284	
23-Jun-24 04:00:03	24.69855578	0	1.219136834	1.374407849	4.915688732	14.23458325	1212679.443	174.8817249	0.056807	15.779824	0	0	0.001478	0.4106728	50.20587458	0	1.219136834	10.01035976	
23-Jun-24 05:00:03	22.88355265	0	2.070842948	2.221158597	10.40806884	14.18498518	1148621.488	142.9522095	0.049365	13.712805	0	0	0.002374	0.6596121	47.1774292	0	2.070842948	21.45968767	
23-Jun-24 06:00:03	23.14755759	0	1.391400933	1.533748938	7.263044834	13.91553824	1345178.711	193.8822174	0.065496	18.246851	0	0	0.001869	0.5191359	45.91333389	0	1.391400933	14.43715477	
23-Jun-24 07:00:03	20.11623955	0	1.888891504	2.033513784	28.47291985	14.36342049	1106222.412	143.0920125	0.041942	11.650651	0	0	0.002093	0.5814847	42.81594009	0	1.888891504	61.50419464	
23-Jun-24 08:00:03	20.84178085	0	1.78170828	1.903672457	24.29299645	14.35577025	1175942.749	142.4757233	0.045787	12.696352	0	0	0.002073	0.5759627	43.5613384	0	1.78170828	51.18408157	
23-Jun-24 09:00:03	20.28753781	0	1.753275687	1.898874283	23.58326866	14.37423706	1126961.147	142.5553131	0.047990	11.944155	0	0	0.001975	0.5485544	43.03548848	0	1.753275687	49.92163849	
23-Jun-24 10:00:03	20.53655733	0	2.01285243	2.156702042	27.28580475	14.38702297	1209603.662	141.6544037	0.046732	12.981157	0	0	0.002435	0.6762646	43.50430191	0	2.01285243	57.82502747	
23-Jun-24 11:00:03	19.99440988	0	1.944731712	2.092777014	25.44305038	14.34436177	1111989.990	142.7388359	0.041836	11.816460	0	0	0.002163	0.6007006	42.22492164	0	1.944731712	53.55369417	
23-Jun-24 12:00:03	20.56650428	0	1.918344523	2.06345327	21.33140756	14.32958932	1124433.472	142.077338	0.043437	12.079995	0	0	0.002155	0.5985001	43.27781677	0	1.918344523	44.85448456	
23-Jun-24 13:00:03	21.03155708	0	1.863864422	2.003221279	19.31851969	14.33059692	1136429.077	142.1169454	0.044927	12.479828	0	0	0.002118	0.5878572	44.37795639	0	1.863864422	40.54820025	
23-Jun-24 14:00:03	20.69157044	0	1.950982094	2.092420101	24.68490181	14.38521818	1170706.909	146.1460419	0.045354	12.598389	0	0	0.002284	0.6344523	43.62195587	0	1.950982094	52.25609207	
23-Jun-24 15:00:03	19.8702881	0	2.040348089	2.188343048	29.2432785	14.40106487	1202656.373	146.2623346	0.044971	12.491972	0	0	0.002454	0.6816291	42.3397789	0	2.040348089	62.60848999	
23-Jun-24 16:00:03	19.9211483	0	2.045863867	2.182138658	27.3453804	14.37290193	1188753.052	142.7239532	0.044564	12.376092	0	0	0.002432	0.6755630	42.34808884	0	2.045863867	57.73377228	
23-Jun-24 17:00:03	19.42858603	0	2.04324913	2.19057703	27.05345638	14.36268139	1093759.521	142.2584218	0.040124	11.145543	0	0	0.002236	0.6207842	41.28240204	0	2.04324913	57.13802338	
23-Jun-24 18:00:03	20.00979434	0	1.704260707	1.84637573	32.00103378	14.39060347	1199575.800	144.6601868	0.043654	12.126019	0	0	0.001976	0.5488409	42.96633896	0	1.704260707	68.28276062	
23-Jun-24 19:00:03	21.81713409	0	1.830544727	1.988873407	18.59186527	14.27069265	1181055.398	146.3311157	0.047226	13.118708	0	0	0.002125	0.5904118	45.19703148	0	1.830544727	38.80714035	
23-Jun-24 20:00:03	20.0472393	0	1.959855775	2.094029903	27.18724777	14.34647455	1176437.968	140.9813317	0.044460	12.351085	0	0	0.002310	0.6417066	42.34421921	0	1.959855775	57.37637766	
23-Jun-24 21:00:03	20.27881432	0	2.007084848	2.140869381	26.83763885	14.33565544	1129229.658	142.6539298	0.043053	11.967443	0	0	0.002266	0.6295723	42.77084185	0	2.007084848	56.83945084	
23-Jun-24 22:00:03	19.55770663	0	2.016858783	2.104564142	31.08280727	14.32909325	1125260.864	141.6748[illegible]	0.041405	11.501318	0	0	0.002269	0.6303520	41.20271588	0	2.016858783	65.23568218	
23-Jun-24 23:00:03	21.80173111	0	1.77543082	1.893819881	17.4854071	14.2360085	1127831.787	141.7267383	0.046291	12.836258	0	0	0.002002	0.5562215	45.29008865	0	1.77543082	36.03787395	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: [illegible]

Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx Ton	NOx (g/s)	SOx Ton	SOx (g/s)	Dust Ton	Dust (g/s)	HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
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	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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30-Jun-24 14:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Jun-24 16:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 17:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 18:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 19:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 20:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 21:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 22:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Jun-24 23:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Jul-24 00:00:04	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	

Site Name: GULF GUT
Stack Name: HRSG STACK22
Periodically: 01/6/2023 00:00-30/6/2023 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2	HRSG11_CO@7%O2	Remark
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	17.82	0.00	0.88	1.04	0.02	13.27	1,025,849.98	137.40	0.04	9.87	0.00	0.00	0.02	0.56	37.11	0.00	0.88	0.00	
Maximum	28.41	0.04	2.40	2.58	58.10	14.64	1,784,601.85	270.15	0.08	21.98	0.00	0.09	0.00	0.87	52.03	0.07	2.46	125.48	
Avg	21.57	0.00	1.67	1.84	15.58	14.10	1,297,365.19	179.50	0.05	14.89	0.00	0.00	0.00	0.59	43.96	0.00	1.67	33.91	
sum									25.02		0.00		1.00						
STD																			