

ภาคผนวก ข-7

ผลการตรวจวัดคุณภาพอากาศจากปล่องระบายอากาศ จาก CEMs
ระหว่างมกราคม-มิถุนายน พ.ศ. 2565

Gulf GNC
HRSG STACK1

[illegible]

Gulf GNC
HRSG STACK1[illegible]

Gulf GNC
HRSG STACK1

[illegible]

Gulf GNC
HRSG STACK1

[illegible]

Gulf GNC
HRSG STACK1
01/01/2021 00:00 - 31/01/202

Gulf GNC
HRSG STACK2
01/01/2021 00:00 - 31/01/2021 23:59

[illegible]

[illegible]

Site Name: HRSIG 5 TRACKS
Stock Name: HRSIG 5 TRACKS
Periodicity: 30/03/2022 00:00 - 30/03/2022 23:59

Date & Time	Actual Operation				Flow				GTG11 Load				Emission Loading				Emission Concentration by Operational Component				Remarks
	NOL	SO ₂	DUST	GRATITY	CO	OZ	FLOW (t/ATM)	GTG11 LOAD	NOL	SO ₂	DUST	GRATITY	CO	OZ	FLOW (t/ATM)	GTG11 LOAD	HRSIG_NOL7NO2	HRSIG_SO27NO2	HRSIG_DUST7NO2	HRSIG_CO7NO2	
11/03/2022 18:00	1378	0.32	1.8	4.06	7.11	14.77	45370.9	34.95	0.017448	3.262343	0.000778	0.105432	0.000818	0.220268	31.26	0.72	4.28	16.14	15.9		
11/03/2022 18:05	1386	0.33	1.79	4.05	7.03	14.79	45299.9	34.95	0.017128	3.270788	0.000888	0.107036	0.000808	0.222328	31.35	0.75	4.28	16.14	15.9		
11/03/2022 18:10	1386	0.37	1.79	3.91	7.22	14.78	46235.9	34.95	0.016728	3.289778	0.000838	0.121888	0.000788	0.217877	31.05	0.69	3.93	16.42	16.42		
11/03/2022 18:15	1401	0.44	1.94	4.36	7.42	14.78	45881.9	34.95	0.016328	3.308778	0.000838	0.136738	0.000788	0.215327	31.15	0.84	4.18	16.42	16.42		
11/03/2022 18:20	1877	0.47	1.82	4.11	7.45	14.78	46207.9	49.017	0.020898	3.404148	0.000842	0.181146	0.001028	0.248494	40.59	0.86	3.94	16.12	17.94		
11/03/2022 18:25	1845	0.51	2.28	5.33	7.42	14.43	45908.9	53.57	0.021298	3.509188	0.000842	0.212138	0.001028	0.248494	41.17	1.07	4.17	17.94	17.94		
11/03/2022 18:30	1889	0.52	2.18	4.86	7.16	14.43	46280.9	50.72	0.021808	3.608888	0.000793	0.220338	0.001028	0.248494	42.72	1.18	4.54	18.37	18.37		
11/03/2022 18:35	2041	0.52	2.18	4.86	7.16	14.43	46280.9	50.72	0.021808	3.608888	0.000793	0.220338	0.001028	0.248494	42.72	1.18	4.54	18.37	18.37		
11/03/2022 18:40	1827	0.53	1.7	3.84	7.91	14.42	46321.1	51.07	0.020708	3.648478	0.000793	0.220338	0.001028	0.248494	41.73	1.29	3.98	18.37	18.37		
11/03/2022 18:45	1841	0.54	1.85	4.17	8.06	14.43	46330.9	51.07	0.020708	3.648478	0.000793	0.220338	0.001028	0.248494	41.73	1.29	3.98	18.37	18.37		
11/03/2022 18:50	1828	0.56	2.35	5.28	8.43	14.43	46056.9	51.07	0.021298	3.698888	0.000793	0.220338	0.001028	0.248494	41.4	1.4	4.56	18.37	18.37		
11/03/2022 18:55	1877	0.59	2.6	5.37	8.77	14.45	46059.7	51.07	0.020708	3.748888	0.000793	0.220338	0.001028	0.248494	40.85	1.57	5.17	18.37	18.37		
11/03/2022 19:00	184	0.58	2.12	4.77	8.7	14.47	46173.3	51.09	0.020508	3.798888	0.000793	0.220338	0.001028	0.248494	40.2	1.18	4.58	18.37	18.37		
11/03/2022 19:05	1839	0.61	1.94	4.36	7.32	14.46	46522.4	50.87	0.021288	3.848888	0.000793	0.220338	0.001028	0.248494	41.05	0.84	4.18	18.37	18.37		
11/03/2022 19:10	1884	0.61	1.74	3.92	8.91	14.47	47381.1	50.81	0.021688	3.898888	0.000793	0.220338	0.001028	0.248494	42.85	0.87	3.73	18.37	18.37		
11/03/2022 19:15	1884	0.61	1.74	3.92	8.91	14.47	47381.1	50.81	0.021688	3.898888	0.000793	0.220338	0.001028	0.248494	42.85	0.87	3.73	18.37	18.37		
11/03/2022 19:20	2032	0.59	1.89	3.81	7.12	14.37	46431.1	49.75	0.021678	3.948888	0.000813	0.189842	0.000954	0.248494	43.28	0.8	3.99	18.37	18.37		
11/03/2022 19:25	2043	0.61	1.79	3.19	7.99	14.36	46158.9	49.61	0.021688	4.048888	0.000813	0.189842	0.000954	0.248494	43.28	0.73	3.99	18.37	18.37		
11/03/2022 19:30	2081	0.58	1.6	3.62	7.91	14.36	46164.4	49.53	0.021897	4.098888	0.000813	0.189842	0.000954	0.248494	44.26	0.74	3.41	18.37	18.37		
11/03/2022 19:35	2081	0.58	1.6	3.62	7.91	14.36	46164.4	49.53	0.021897	4.098888	0.000813	0.189842	0.000954	0.248494	44.26	0.74	3.41	18.37	18.37		
11/03/2022 19:40	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 19:45	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 19:50	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 19:55	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:00	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:05	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:10	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:15	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:20	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:25	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:30	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:35	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:40	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:45	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:50	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 20:55	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:00	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:05	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:10	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:15	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:20	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:25	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:30	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:35	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:40	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:45	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:50	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 21:55	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 22:00	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 22:05	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		
11/03/2022 22:10	2128	0.53	1.56	3.62	8.83	14.39	46162.4	49.48	0.021678	4.148888	0.000813	0.189842	0.000954	0.248494	45.41	0.71	3.52	18.37	18.37		

Date & Time	NO.	SOL.	DUST	Actual Operation Co				CO	CO	FLOW (BTU/HR)	GT01_LOAD	Emission Load				Dur	Emission Concentration for Standardization				Remark
				OPACITY	CO	CO	FLOW (BTU/HR)					NOx	SOx	CO	CO		HRSG_NOxPPM%v	HRSG_SOxPPM%v	HRSG_COxPPM%v	HRSG_TPOC (PPM)	
12/22/2022 8:30	15.80	0.91	2.1	56	1.2	4.21	14.30	58848	51.96	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 8:40	15.83	0.71	2.1	4.71	0.88	14.30	58848	51.96	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 8:50	15.86	0.91	2.1	4.71	0.88	14.30	58848	51.96	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 9:00	15.74	0.98	2.08	4.80	1.43	14.30	58702	51.07	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 9:10	15.68	0.98	2.1	4.73	1.49	14.30	58702	51.07	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 9:20	15.68	0.98	2.1	4.73	1.49	14.30	58702	51.07	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	3.2	0.00	0.00	0.00	0.00	
12/22/2022 9:30	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 9:40	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 9:50	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:00	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:10	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:20	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:30	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:40	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 10:50	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306	0.00146	0.00001	0.00001	0.00001	0.00001	37.18	1.28	4.06	0.77	15.81	
12/22/2022 11:00	15.74	0.86	2.1	4.91	2.50	8.16	4307	95148.7	50.31	0.01306											

Site Name: HSE CHN
Stack Name: HRSIG STACK2
Periodicity: 30/01/2021 00:00 - 30/01/2021 23:59

Date & Time	Actual Operation Condition								Emission Loading				Emission Concentration for Standardized Comparison				Remark	
	NO _x	SO _x	DUST	CO	O ₂	FLOW (t/h)	GTG11 LOAD	MW	NO _x		SO _x		Dust		HRSG1 NO _x (t/h)	HRSG1 SO _x (t/h)	HRSG1 DUST (t/h)	
	ppm	ppm	mg/m ³	%	%	%	%		ton	ppm	ton	ppm	ton	ppm	ppm	ppm	ppm	
1/30/2022 12:00	18.96	0.2	1.83	4.12	6.31	14.33	563181.9	48.39	0.000089	0.000078	0.0000248	0.001989	0.001031	0.000041	40.1	0.43	3.96	13.34
1/30/2022 13:00	17.59	0.22	1.97	4.43	6.15	14.38	563129.1	47.5	0.000098	0.000083	0.0000253	0.001981	0.001108	0.0001306	38.32	0.46	4.2	13.11
1/30/2022 14:00	17.04	0.24	2.11	4.74	6.11	14.42	563519.9	47.5	0.000097	0.000083	0.0000253	0.001974	0.001179	0.0001304	38.54	0.51	4.53	13.11
1/30/2022 15:00	16.88	0.24	1.86	4.07	6.16	14.42	563126.1	47.43	0.000098	0.000083	0.0000253	0.001975	0.001057	0.0000301	38.21	0.51	4.50	13.21
1/30/2022 16:00	16.64	0.25	1.95	4.4	6.25	14.4	563505.1	47.69	0.000097	0.000084	0.0000252	0.001974	0.001058	0.0000304	38.52	0.53	4.18	13.37
1/30/2022 17:00	17.47	0.28	1.3	4.27	6.21	14.44	563134.5	47.91	0.000098	0.000083	0.0000253	0.001974	0.001048	0.0000305	37.92	0.55	4.08	13.38
1/30/2022 18:00	16.22	0.27	1.77	4	7.16	14.72	465011.2	38.15	0.001414	0.0000315	0.0000288	0.000030	0.000030	0.000030	36.45	0.61	3.99	16.13
1/30/2022 19:00	14.23	0.25	1.81	4.08	7.11	14.13	465013.6	38.59	0.001408	0.0000311	0.0000284	0.000030	0.000030	0.000030	34.24	0.57	4.05	16.02
1/30/2022 20:00	14.23	0.25	1.87	4.22	7.28	14.74	463099	38	0.001409	0.000031	0.0000284	0.000030	0.000030	0.000030	32.11	0.57	4.22	16.42
1/30/2022 21:00	17	0.27	1.85	4.59	7.54	14.56	463099.3	47.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	36.7	0.59	4.16	16.41
1/30/2022 22:00	17.58	0.29	1.94	4.36	6.97	14.43	463099.3	47.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	36.7	0.59	4.16	16.41
1/30/2022 23:00	17.51	0.35	2.07	4.65	7.94	14.46	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	37.18	0.7	4.46	17.14
1/31/2022 0:00	16.84	0.35	2.12	5.16	6.19	14.48	463099.3	49.4	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	36.49	0.72	4.07	17.74
1/31/2022 1:00	16.3	0.35	1.69	4.48	6.5	14.48	463099.3	49.4	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	35.32	0.79	4.31	16.42
1/31/2022 2:00	15.19	0.37	1.85	4.17	6.51	14.48	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	35.32	0.81	4.07	16.42
1/31/2022 3:00	16.1	0.38	1.84	4.14	10.37	14.49	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	34.94	0.84	3.98	22.5
1/31/2022 4:00	16.47	0.4	1.76	3.95	10.37	14.3	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	33.8	0.86	3.8	22.5
1/31/2022 5:00	15.94	0.4	1.93	4.36	9.27	14.49	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	34.94	0.89	4.19	20.1
1/31/2022 6:00	16.11	0.4	1.93	4.35	6.68	14.47	463099.3	49.34	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	35.13	0.87	4.16	18.56
1/31/2022 7:00	18.19	0.4	1.81	4.08	7.77	14.43	463099.3	50.07	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	30.15	0.88	3.89	16.69
1/31/2022 8:00	19.58	0.51	1.84	4.17	6.56	14.37	463099.3	51.02	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	40.1	1.19	4.47	16.41
1/31/2022 9:00	19.37	0.59	2.31	5.18	6.29	14.34	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 10:00	19.58	0.77	2.49	5.13	6.55	14.35	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 11:00	9.19	0.7	2.19	4.89	59.94	14.05	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 12:00	8.3	0.69	1.91	4.3	27.69	14.73	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 13:00	16	0.62	2.03	4.05	7.51	14.44	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 14:00	20.72	0.65	1.6	3.61	7.03	14.58	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 15:00	20.77	0.69	1.73	3.91	6.97	14.59	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 16:00	20.66	0.73	1.96	4.41	6.72	14.59	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 17:00	20.66	0.76	2.1	4.71	6.62	14.58	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 18:00	15.75	0.78	2.35	6.08	8.2	14.56	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 19:00	15.59	0.79	2.22	4.99	8.43	14.56	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 20:00	17.36	0.81	2.03	4.57	6.69	14.64	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 21:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 22:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 23:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 24:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 25:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 26:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 27:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 28:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 29:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 30:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 31:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 32:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 33:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 34:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 35:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 36:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 37:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 38:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 39:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 40:00	18.39	0.82	2.35	5.06	6.74	14.42	463099.3	49.37	0.001394	0.0000307	0.0000277	0.001057	0.001058	0.000030	41.05	0.91	4.9	13.33
1/31/2022 41:00	18.39	0.82	2.35	5.06	6.74	14.42</												

01/02/2021 00:00 - 28/02/2021 23:59

NOX	SOX	D
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GULF NC
HRS6G ST

Site Name: GULF NC
Stack Name: HRSG STACK12
Period: 04/03/2000 00:00 - 05/03/2000 23:00

[illegible]

GULF NC
HRSG STA
04/03/2000

Date & Time	Actual Operation				Emission Load				Emission Concentration for Standard Based Comparison				Remark				
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ ATM	(TGT.) LOAD	NOx	SOx	PM10	PM2.5					
18/05/2021 09:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 10:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 11:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 12:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 13:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 14:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 15:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 16:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 17:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 18:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 19:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 20:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 21:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 22:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 23:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 00:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 01:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 02:00	29.29	0.26	1.13	4.12	1.17	13.18	16.55	0.21177	5.67964	0.000556	0.079350	0.001555	5.279760	29.18	0.24	1.13	4.12
18/05/2021 03:00	29.29	0.26	1.13	4.12	1.17	13.18											

[illegible]

Site Name: HRSIG 5 TRACK12
Stock Name: HRSIG 5 TRACK12
Periodicity: 01/03/2022 00:00 - 28/02/2022 23:59

Actual Operation Condition										Emission Loading										Emission Concentration by Standard/Station Comparison										Remark		
Date & Time	NOK	SOX	DUST	OPACITY	CO	O2	FLOW (t/ATM)	GTG1_LOAD	NOK	SOX	DUST	CO	O2	Flow (t/ATM)	GTG1_LOAD	HRSIG1_NOK(t/ATM)	HRSIG1_SOX(t/ATM)	HRSIG1_DUST(t/ATM)	HRSIG1_CO(t/ATM)	HRSIG1_O2(t/ATM)	HRSIG2_NOK(t/ATM)	HRSIG2_SOX(t/ATM)	HRSIG2_DUST(t/ATM)	HRSIG2_CO(t/ATM)	HRSIG2_O2(t/ATM)	HRSIG3_NOK(t/ATM)	HRSIG3_SOX(t/ATM)	HRSIG3_DUST(t/ATM)	HRSIG3_CO(t/ATM)		HRSIG3_O2(t/ATM)	
28/02/2022 03:00	20.26	0.68	1.46	4.36	4.25	14.44	28.197	50.34	0.002149	0.199274	0.001043	0.287299	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 04:00	20.29	0.67	2.19	4.91	4.29	14.48	28221.13	50.41	0.002025	0.173801	0.001031	0.263705	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 05:00	20.26	0.67	2.18	4.89	4.42	14.45	28323.9	50.53	0.002229	0.171285	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 06:00	20.24	0.64	2.07	4.56	4.54	14.45	28323.9	50.53	0.002101	0.169271	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 07:00	21.19	0.64	2.59	5.72	4.92	14.43	28361.9	50.69	0.002498	0.168154	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 08:00	20.55	0.59	2.24	5.09	4.97	14.43	28361.9	50.69	0.002295	0.171793	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 09:00	21.23	0.59	2.89	6.43	4.43	14.43	27127.7	49.84	0.003036	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 10:00	20.61	0.61	2.23	5.16	4.54	14.43	27127.7	49.84	0.002413	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 11:00	21.36	0.61	3.26	7.22	4.55	14.4	26893.6	48.88	0.003561	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 12:00	18.63	0.62	2.32	5.19	4.84	14.81	27127.7	49.84	0.002495	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 13:00	13.56	0.68	2.45	5.04	5.76	14.46	26949.3	35.59	0.011996	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 14:00	14.67	0.68	2.13	4.78	5.17	14.75	27301.2	35.54	0.010238	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 15:00	13.99	0.64	2.13	4.78	5.77	14.74	47317.5	36.48	0.017454	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 17:00	15.34	0.64	2.04	4.56	5.35	14.75	46750.3	35.54	0.013611	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 18:00	15.11	0.61	1.82	3.45	4.91	14.8	46750.3	35.57	0.013278	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 19:00	14.41	0.62	1.99	3.99	4.99	14.83	46750.3	35.41	0.013651	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 20:00	13.59	0.62	1.87	3.78	5.15	14.86	26727.3	35.54	0.011678	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 21:00	14.86	0.61	1.77	3.83	5.03	14.86	26949.3	35.59	0.011398	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 22:00	18.57	0.6	1.5	3.39	5.05	14.8	96136.9	47.85	0.019612	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 23:00	20.59	0.62	1.56	3.52	4.3	14.82	98120.2	50.21	0.013038	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 01:00	20.45	0.6	1.26	4.17	4.36	14.8	96136.9	35.59	0.012396	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 02:00	20.17	0.62	2.03	4.57	4.32	14.82	96136.9	35.57	0.012671	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 03:00	20.57	0.62	2.52	5.62	4.4	14.48	96136.9	35.57	0.013035	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 04:00	21.51	0.61	3.06	5.78	4.5	14.47	96136.9	35.57	0.013278	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 05:00	21.37	0.62	2.69	5.64	4.54	14.48	96136.9	35.57	0.012678	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 06:00	20.46	0.54	3.12	6.19	4.89	14.47	96136.9	35.57	0.012678	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 07:00	20.49	0.53	3.54	7.82	4.8	14.49	96136.9	35.57	0.012678	0.168778	0.001023	0.264125	0.001127	0.3141139	43.63	1.47	9.15	9.24	4.72	4.45	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53	0.37	0.53
28/02/2022 08:00	21.77	0.52	2.92	6																												

GULF NC
HRSG STACK11
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Date & Time	Actual Operation Condition				Flow @ 1 ATM				Emission Loadings				Emission Concentration for Standardization				Remark
	NOx	SOx	DUST	CAPACITY	O2	Flow @ 1 ATM	BTU/hr LOAD	NOx	SOx	Dust	HRSG1 NOx@702	HRSG1 SOx@702	HRSG1 Dust @702	HRSG1 CO@702			
31/02/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 6:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 7:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown			
31/02/2022 10:00	24.5	1.38	1.12	2.27	6.85	14.85	12221.66	16.28	0.023766	0.061162	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 11:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 12:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 13:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 14:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 15:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 16:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 17:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 18:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 19:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 20:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 21:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 22:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.005566	0.1620172			
31/02/2022 23:00	24.14	0.94	1.06	2.45	6.7	14.85	12221.67	16.28	0.023766	0.059333	0.059333	0.148131	0.0055				

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GULF NC
HRSG STACK11
01/03/2022 00:00 - 31/03/2022 23:59

Site Name:
Stock Name:
Periodicity:

GULF NC
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

GULF NC
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

Date & Time	Actual Operation Condition										Emission Location										Emission Concentration for Standardization Comparison										Remark																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	NO _x					SO ₂					DUST					Flow (BTU ATM 25C)					OT012_LOAD					NO _x						SO ₂					DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Site Name:
Stock Name:
Periodicity:

GULF NC
HRSG STACK12
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Date & Time	Actual Operation Condition					Emission Load					Emission Concentration for Standardization Comparison					Remark
	NO _x	SO ₂	DUST	OPACITY	CO	Q ₁	Flow (B1) Unit	GTGTZ Load	NO _x	SO ₂	Dust	OT12 Load	HSR1_NO _x @7%O ₂	HSR1_SO ₂ @7%O ₂	HSR1_Dust @7%O ₂	
	ppm	ppm	mg/m ³	%	ppm	kg	MW		ton	ton	ton		ton	ton	ton	
31/03/2022 8:59	22.89	0.86	1.46	3.33	48.01	14.92	27872.3	49.89	0.047474	0.047262	0.001281	0.000016	0.000941	0.000016	0.000016	49.89
31/03/2022 8:59	22.93	0.84	1.44	3.26	48.00	14.91	27595.6	49.89	0.047489	0.047261	0.001281	0.000016	0.000941	0.000016	0.000016	49.89
31/03/2022 8:59	22.87	0.82	1.45	3.27	46.98	14.92	27610.2	49.89	0.047489	0.047261	0.001281	0.000016	0.000941	0.000016	0.000016	49.89
31/03/2022 8:59	20.81	0.76	1.36	3.09	6.92	14.68	26173.5	47.11	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	45.35
31/03/2022 8:59	19.54	0.81	1.35	3.15	6.92	14.78	26493.9	45.41	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	44.17
31/03/2022 10:59	19.11	0.78	1.41	3.19	6.72	14.77	46159.9	34.95	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	43.36
31/03/2022 11:59	18.16	0.77	1.33	3.01	6.93	14.75	46077.4	34.4	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	41.27
31/03/2022 12:59	21.62	0.78	1.42	3.21	6.79	14.72	46291.8	37.44	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	48.52
31/03/2022 13:59	21.15	0.78	1.47	3.33	6.96	14.71	46615.5	37.8	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	47.75
31/03/2022 14:59	22.73	0.79	1.46	3.3	6.68	14.71	48892.1	37.89	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	47.77
31/03/2022 15:59	21.15	0.78	1.48	3.29	6.96	14.72	47221.5	37.8	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	47.75
31/03/2022 16:59	19.54	0.82	1.18	2.67	6.4	14.78	47081.5	35.95	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	44.21
31/03/2022 17:59	18.16	0.78	1.24	2.91	6.92	14.81	46881.5	35.21	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	42.93
31/03/2022 18:59	19.54	0.82	1.34	3.08	6.92	14.81	46881.5	35.21	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	42.93
31/03/2022 19:59	17.89	0.77	1.36	4.41	7.19	14.82	46881.5	34.87	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	40.92
31/03/2022 20:59	18.06	0.78	1.36	3.74	7.49	14.82	46881.5	34.87	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	41.77
31/03/2022 21:59	18.07	0.78	1.37	3.91	7.18	14.82	46413.2	35.45	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	42.48
31/03/2022 22:59	21.34	0.79	2.03	4.58	14.09	14.80	47801.9	47.1	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.97
31/03/2022 23:59	21.28	0.79	1.88	4.47	5.4	14.48	47326.9	48.97	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	45.96
31/03/2022 23:59	21.15	0.81	2.15	4.82	5.76	14.48	47326.9	48.97	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	45.96
31/03/2022 23:59	21.83	0.82	1.99	4.48	5.48	14.44	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.81	0.85	1.76	3.97	5.25	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.38	0.85	1.69	4.49	5.38	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.02	0.85	1.87	4.21	5.48	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.06	0.84	1.71	3.71	5.51	14.44	48022.1	49.72	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.91	0.84	1.64	3.71	5.75	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	47.24
31/03/2022 23:59	21.77	0.78	1.73	3.8	6.09	14.45	48022.1	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	22.05	0.79	1.75	3.96	7.21	14.64	47250.9	41.99	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.97
31/03/2022 23:59	21.15	0.79	1.75	3.96	7.21	14.64	47250.9	41.99	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.97
31/03/2022 23:59	21.68	0.78	1.77	3.83	6.39	14.78	48634.5	37.78	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	20.84	0.78	1.69	3.6	6.5	14.77	47094	36.85	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.38	0.85	1.69	4.49	5.38	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.02	0.85	1.87	4.21	5.48	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.06	0.84	1.71	3.71	5.51	14.44	48022.1	49.72	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	21.91	0.84	1.64	3.71	5.75	14.43	47891.4	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	47.24
31/03/2022 23:59	21.77	0.78	1.73	3.8	6.09	14.45	48022.1	49.32	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	22.05	0.79	1.75	3.96	7.21	14.64	47250.9	41.99	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.97
31/03/2022 23:59	21.15	0.79	1.75	3.96	7.21	14.64	47250.9	41.99	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.97
31/03/2022 23:59	21.68	0.78	1.77	3.83	6.39	14.78	48634.5	37.78	0.047398	0.046946	0.001178	0.000016	0.000788	0.000016	0.000016	46.52
31/03/2022 23:59	20.84	0.78	1.69	3.6	6.											

Site Name:
Stock Name:
Periodicity:

GULF_NK
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

GULF_NK
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

Date & Time	Actual Operation Condition										Emission Location										Emission Concentration for Standardization Comparison										Remark
	NO _x	SO ₂	DUST	OPACITY	CO	O ₂	FLOW (B1) ATM	GT12-LOAD	NO _x	SO ₂	DUST	OPACITY	CO	O ₂	FLOW (B1) ATM	GT12-LOAD	HRSG1_NO _x (B1) NO _x	HRSG1_SO ₂ (B1) SO ₂	HRSG1_DUST (B1) DUST	HRSG1_OPACITY (B1) OPACITY	HRSG1_CO (B1) CO	HRSG1_O ₂ (B1) O ₂	HRSG1_FLOW (B1) FLOW (B1) ATM	HRSG1_25°C (B1) 25°C	HRSG1_MMW (B1) MMW	HRSG1_DTG12-LOK (B1) DTG12-LOK					
3/22/2022 8:59	21.13	0.8	1.77	1.65	3.72	7	14.76	59545.6	49.24	0.020424	0.415594	0.0010568	0.242772	0.000938	0.433655	47.79	1.81	3.73	15.92												
3/22/2022 9:59	19.8	0.79	1.77	1.65	3.72	7	14.76	59545.6	49.24	0.017324	0.409091	0.0009581	0.240824	0.000921	0.428192	45.85	1.82	4.09	14.99												
3/22/2022 10:59	21.25	0.79	2.13	1.45	4.58	6.86	14.87	48079.8	44.81	0.018891	0.417316	0.0009201	0.238808	0.000948	0.426138	45.13	1.78	4.89	15.6												
3/22/2022 11:59	20.5	0.77	2.02	1.45	4.58	6.86	14.87	47711.6	45.03	0.018953	0.415391	0.0009598	0.237408	0.000925	0.426687	47.95	1.77	4.63	15.13												
3/22/2022 12:59	22.68	0.81	1.91	1.45	4.58	6.86	14.76	44508.3	45.14	0.020461	0.409096	0.0010019	0.237055	0.000952	0.426835	51.73	1.85	4.34	14.43												
3/22/2022 13:59	22.85	0.81	1.81	1.45	4.58	6.86	14.76	48023.7	37.68	0.020393	0.406387	0.0010309	0.236373	0.000989	0.424465	51.73	1.83	4.09	14.27												
3/22/2022 14:59	22.81	0.82	1.72	1.39	6.39	6.28	14.75	48072.92	37.66	0.020465	0.409096	0.0010405	0.236565	0.000935	0.423703	51.8	1.86	3.98	14.22												
3/22/2022 15:59	21.1	0.82	1.63	3.69	6.54	14.77	48208.6	37.19	0.020464	0.406772	0.0010348	0.237431	0.000736	0.418275	50.16	1.85	3.71	14.16													
3/22/2022 16:59	21.3	0.8	1.63	3.69	6.54	14.76	47433.61	36.35	0.019989	0.403787	0.0009899	0.237246	0.000792	0.420945	50.16	1.85	3.71	14.16													
3/22/2022 17:59	22.2	0.8	1.6	3.61	6.08	14.83	47254.14	36.23	0.018855	0.404266	0.0009894	0.237481	0.000756	0.4190184	50.06	1.83	3.66	13.87													
3/22/2022 18:59	21.5	0.81	1.52	3.44	6.16	14.87	48340.9	36.23	0.018555	0.403787	0.0009899	0.237196	0.000756	0.4190184	50.06	1.83	3.66	13.87													
3/22/2022 19:59	21.69	0.82	1.7	3.94	6.03	14.88	48098.9	36.5	0.018954	0.403787	0.0009894	0.237269	0.000756	0.4190184	50.06	1.83	3.66	13.87													
3/22/2022 20:59	21.81	0.82	1.52	3.51	6.16	14.89	48098.9	36.51	0.018954	0.403787	0.0009894	0.237269	0.000756	0.4190184	50.06	1.83	3.66	13.87													
3/22/2022 21:59	22.85	0.81	2.5	5.59	5.27	14.68	53983.9	44.49	0.020397	0.404495	0.0011448	0.231738	0.001135	0.424443	51.08	1.8	5.0	11.83													
3/22/2022 22:59	24.35	0.81	2.9	6.25	4.21	14.55	57753.4	42.08	0.021308	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 23:59	24.59	0.83	2.62	5.89	4.21	14.55	57737.69	42.08	0.020454	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 1:59	24.89	0.83	2.44	5.48	4.21	14.54	57735.61	42.08	0.020397	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 2:59	25.41	0.85	2.13	4.78	4.3	14.53	57884.5	42.39	0.020722	0.403336	0.0011262	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 3:59	24.16	0.82	2.44	5.48	4.21	14.53	57834.09	42.39	0.020397	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 4:59	24.36	0.87	2.02	4.54	4.21	14.53	57834.09	42.39	0.020397	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 5:59	25.21	0.88	1.77	3.99	4.26	14.55	59555.1	50.09	0.022777	0.403336	0.001138	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 6:59	25.11	0.82	2	4.49	4.26	14.55	59555.1	50.09	0.022777	0.403336	0.001138	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 7:59	24.22	0.79	2.94	6.59	4.37	14.55	59555.1	49.39	0.020473	0.403336	0.001138	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 8:59	22.47	0.77	2.25	5.77	6.83	14.74	54551.3	42.08	0.021308	0.403336	0.0010573	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 9:59	22.73	0.77	2.39	6.38	6.38	14.87	4871.54	36.5	0.018957	0.406272	0.0009846	0.238157	0.001116	0.4101364	52.38	1.77	5.61	14.7													
3/22/2022 10:59	22.84	0.77	2.39	6.38	6.38	14.87	4871.54	36.5	0.018957	0.406272	0.0009846	0.238157	0.001116	0.4101364	52.38	1.77	5.61	14.7													
3/22/2022 11:59	21.31	0.77	1.62	3.67	6.33	14.83	48539.4	35.17	0.018856	0.403336	0.0009379	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 12:59	21.22	0.77	1.62	3.67	6.33	14.83	48539.4	35.17	0.018856	0.403336	0.0009379	0.230859	0.001138	0.4171907	50.68	1.73	5.16	15.4													
3/22/2022 13:59																															

Site Name:
Stock Name:
Periodically:

GULF NC
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

GULF NC
HRSG STACK12
01/03/2022 00:00 - 31/03/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading					Emission Concentration for Standardization Comparison					Remark
	NO _x	SO ₂	DUST	OPACITY	CO	O ₂	FLOW (81 ATM	GTOT12 LOAD	NO _x	SO ₂	Dust	HRSG1_NO _x @7%O ₂	HRSG1_SO ₂ @7%O ₂	HRSG1_Dust @7%O ₂	HRSG1_CO @7%O ₂				
	ppm	ppm	mg/m3	%	ppm	%	MW	MW	TON	TON	TON	ppm	ppm	mg/m3	ppm				
3/29/2022 11:59	18.93	0.78	1.34	2.99	6.09	14.8	487654.6	35.63	0.016667	4.620267	0.009524	0.000917	0.174734	42.89	1.77	3	13.8		
3/29/2022 12:00	22.1	0.76	1.34	3.03	6.7	14.74	485959.3	37.84	0.016891	4.887407	0.009681	0.000916	0.180149	43.29	1.79	3.01	12.85		
3/29/2022 13:00	23	0.76	1.36	3.08	5.31	14.7	484560.9	38.71	0.013393	5.931379	0.009817	0.000871	0.1864168	41.56	1.71	3.05	11.91		
3/29/2022 14:00	23.86	0.75	1.36	3.05	4.63	14.66	489954.5	39.33	0.012464	5.423402	0.009788	0.000874	0.1871964	43.15	1.66	3.03	11.81		
3/29/2022 15:00	21.53	0.77	1.4	3.18	4.67	14.69	496439.2	38.9	0.010461	5.476134	0.009866	0.000864	0.1901708	40.05	1.73	3.14	11.12		
3/29/2022 16:00	20.88	0.82	1.55	3.51	6.05	14.8	477079.4	38.7	0.018741	5.205878	0.010240	0.000739	0.2054802	47.57	1.85	3.54	15.16		
3/29/2022 17:00	24.11	0.85	1.72	3.87	6.18	14.75	480328.4	39.26	0.02106	5.165507	0.010887	0.000845	0.2337983	54.6	1.92	3.88	14.91		
3/29/2022 18:00	18.91	0.86	1.7	3.84	8.11	14.83	487116.4	37.61	0.017387	4.815907	0.010379	0.000828	0.2361212	43.33	1.97	3.9	18.58		
3/29/2022 19:00	18.96	0.84	1.63	3.69	9.51	14.87	490322.5	37.53	0.015488	4.932465	0.010376	0.000796	0.2291935	44.8	1.85	3.77	17.51		
3/29/2022 20:00	13.47	0.81	1.98	4.46	13.09	14.9	491624.8	37.73	0.012469	3.460311	0.010404	0.000873	0.2703938	31.18	1.87	4.8	30.32		
3/29/2022 21:00	12.51	0.82	1.78	4.02	12.52	14.95	486593.1	36.98	0.009469	2.837720	0.010408	0.000878	0.2415841	24.74	1.91	4.07	38.63		
3/29/2022 22:00	18.92	0.81	1.94	4.36	6.59	14.66	548972.9	45.02	0.018464	5.786466	0.011576	0.001168	0.2461387	42.09	1.8	4.31	14.88		
3/29/2022 23:00	18.97	0.83	1.99	4.46	4.24	14.52	573194.6	46.49	0.019158	6.071816	0.011263	0.001141	0.3168771	43.09	1.9	4.94	9.24		
3/30/2022 0:00	18.94	0.85	1.95	4.39	4.34	14.5	573386.2	46.5	0.019167	6.000061	0.011263	0.001141	0.3168771	43.1	1.84	4.95	9.22		
3/30/2022 1:00	19.94	0.87	1.62	3.87	4.37	14.48	576107.1	46.82	0.019161	6.001005	0.011178	0.001033	0.3595487	43.21	1.88	3.51	9.46		
3/30/2022 2:00	19.37	0.88	1.54	4.15	4.37	14.47	576589.6	46.79	0.019087	6.019708	0.011414	0.001040	0.3646477	41.91	1.93	3.98	9.46		
3/30/2022 3:00	20.87	0.9	1.83	4.12	4.67	14.47	576986.1	46.97	0.022437	6.332571	0.011582	0.001056	0.3932911	44.68	1.94	3.95	10.09		
3/30/2022 4:00	20.86	0.9	1.86	3.29	4.8	14.47	578371.3	47.07	0.023037	6.336466	0.011625	0.000939	0.3330551	45.29	1.95	3.13	10.37		
3/30/2022 5:00	20.78	0.91	1.742	3.21	4.75	14.47	578934.4	46.99	0.022534	6.287114	0.011789	0.000922	0.3283573	44.94	1.96	3.06	10.26		
3/30/2022 6:00	20.64	0.87	1.51	3.42	4.67	14.47	579595.1	46.66	0.022361	6.289737	0.011789	0.000889	0.3412492	44.63	1.89	3.07	10.1		
3/30/2022 7:00	20.39	0.82	1.6	3.61	4.61	14.48	579099.9	48	0.024199	6.474874	0.011227	0.000912	0.2833778	44.17	1.77	3.46	9.99		
3/30/2022 8:00	19.78	0.8	1.42	3.51	6.14	14.61	543784.1	44.24	0.020926	5.620893	0.011387	0.000772	0.2416888	43.87	1.76	3.14	13.65		
3/30/2022 9:00	23.15	0.78	1.66	3.71	6.18	14.75	591159.2	49.54	0.021866	6.042611	0.010241	0.000892	0.2980889	52.33	1.78	3.71	15.31		
3/30/2022 10:00	22.78	0.75	1.62	3.69	6.81	14.76	484526.1	38.7	0.021194	5.887244	0.009878	0.000861	0.2223267	51.51	1.7	3.66	15.42		
3/30/2022 11:00	19.76	0.74	1.64	3.7	6.48	14.63	490511.5	39.72	0.015102	4.300761	0.009838	0.000788	0.2189997	38.4	1.69	3.79	14.43		
3/30/2022 12:00	23.19	0.76	1.59	3.59	5.9	14.72	491287.6	38.51	0.021436	5.864179	0.009874	0.000781	0.2189898	52.19	1.71	3.69	13.58		
3/30/2022 13:00	22.36	0.76	1.63	3.46	4.71	14.60	502034.3	39.94	0.021186	5.856037	0.010068	0.000769	0.2175471	49.85	1.69	3.41	10.5		
3/30/2022 14:00	20.56	0.8	2.07	4.65	6.35	14.72	493047	38.7	0.019372	5.487787	0.010324	0.001021	0.2833802	46.24	1.8	4.66	14.29		
3/30/2022 15:00	19.4	0.83	1.99	4.69	10.76	14.62	484261.5	37.26	0.014724	3.424466	0.010323	0.001012	0.2811395	35.44	1.91	4.78	24.4		
3/30/2022 16:00	19.39	0.85	1.67	3.55	11.14	14.65	473130.2	36.9	0.013889	3.803309	0.010387	0.000845	0.286337						

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Site Name: HRS5 STACK12
Stock Name: HRS5 STACK12
Periodicity: 01/04/2020 00:00 - 30/04/2020 23:59

Date & Time	NOX	SOX	DUST	Actual Operation Conditions					Emission Location					Emission Concentration for Standardization Comparison															
				OPACITY	CO	CO2	FLOW (t) ATM	GTGT_LOAD	MMW	NOx	SOx	Dust	HRSG1_NOx(t/h)	HRSG1_SOx(t/h)	HRSG1_CO(t/h)	HRSG2_NOx(t/h)	HRSG2_SOx(t/h)	HRSG2_CO(t/h)	HRSG3_NOx(t/h)	HRSG3_SOx(t/h)	HRSG3_CO(t/h)								
2020-04-01 00:00	18.5	0.77	1.33	3.02	6.01	14.39	271851.8	49.56	0.019884	0.461153	0.001150	0.001150	0.001150	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 01:00	18.41	0.75	1.36	3.05	6.16	14.38	271317.5	49.65	0.019881	0.461268	0.001150	0.001150	0.001150	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 02:00	18.59	0.75	1.36	3.05	6.16	14.38	271317.5	49.65	0.019881	0.461268	0.001150	0.001150	0.001150	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 03:00	18.59	0.75	1.36	3.05	6.16	14.38	271317.5	49.65	0.019881	0.461268	0.001150	0.001150	0.001150	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 04:00	19.07	0.8	1.31	2.98	5.97	14.39	272070.3	49.45	0.020476	0.468721	0.001181	0.001181	0.001181	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 05:00	19.24	0.75	1.35	3.05	5.94	14.4	272593.9	49.65	0.020770	0.470423	0.001183	0.001183	0.001183	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 06:00	19.21	0.77	1.38	3.13	5.9	14.4	272830.3	49.45	0.020770	0.470423	0.001183	0.001183	0.001183	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 07:00	18.86	0.73	1.24	3.11	6.11	14.4	273580.7	49.57	0.020007	0.473739	0.001086	0.001086	0.001086	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 08:00	17.98	0.72	1.9	4.26	6.48	14.5	228633.1	43.77	0.017482	0.4867261	0.000983	0.000983	0.000983	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 09:00	13.97	0.66	8.2	4.71	10.71	14.71	453355.1	35.9	0.011712	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 10:00	14.15	0.68	1.58	3.57	6.37	14.71	458729.8	35.29	0.011712	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 11:00	13.9	0.69	1.81	4.01	6.86	14.6	455003.2	35.05	0.011307	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 12:00	13.91	0.71	1.73	3.65	6.38	14.6	455003.2	35.05	0.011307	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 13:00	16.53	0.68	1.44	3.26	6.49	14.65	473838.4	37.11	0.014276	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 14:00	16.96	0.69	1.91	4.29	6.42	14.64	476027.1	37.26	0.014458	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 15:00	16.15	0.7	2.58	5.77	6.76	14.7	483303.4	36.05	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 16:00	14.87	0.72	1.39	3.32	6.38	14.75	458334	35.35	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 17:00	14.92	0.74	2.62	5.84	6.81	14.74	459044.5	35.28	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 18:00	14.71	0.76	2.76	6.15	6.85	14.77	457145.9	34.96	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 19:00	14.31	0.74	1.85	4.16	6.88	14.78	455079.3	34.89	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 20:00	14.29	0.76	2.2	4.93	6.9	14.79	457739.8	35.16	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 21:00	14.29	0.76	2.2	4.93	6.9	14.79	457739.8	35.16	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 22:00	14.61	0.75	1.88	4.46	6.89	14.8	458262.4	34.7	0.013285	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-01 23:00	16.74	0.77	2.79	3.95	6.97	14.65	500232.3	40.81	0.015839	0.488101	0.000868	0.000868	0.000868	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-02 00:00	18.92	0.78	2.48	5.52	6.25	14.38	273339.9	49.55	0.020458	0.468011	0.001176	0.001176	0.001176	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-02 01:00	19	0.8	3.13	6.68	6.17	14.39	276681.7	49.87	0.020614	0.472636	0.001207	0.001207	0.001207	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-02 02:00	18.92	0.8	3.13	6.68	6.17	14.39	276681.7	49.87	0.020614	0.472636	0.001207	0.001207	0.001207	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734	0.000734
2020-04-02 03:00	18.88	0.82	3.61	7.89	6.2	14.4	283673.3	50.55	0.020732	0.478																			

Date & Time	Actual Operating Conditions				Emission Loads										Emission Concentration for Standardization Comparison									
	NOx	SOx	DUST	Actual OpaCity	CO	O2	Flow @1 ATM	GT011_LOAD	NOx	SOx	Dust	HRSG1_NOx@700C	HRSG1_SOx@700C	HRSG1_Dust@700C	HRSG1_CO@700C	HRSG2_NOx@700C	HRSG2_SOx@700C	HRSG2_Dust@700C	HRSG2_CO@700C	HRSG3_NOx@700C	HRSG3_SOx@700C	HRSG3_Dust@700C	HRSG3_CO@700C	
	ppm	ppm	mg/m ³	%	ppm	%	kg/hr	kg/hr	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
08/04/2021 03:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 04:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 05:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 06:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 07:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 08:00	18.65	0.87	1.25	2.8	6.97	14.6	14.6	57299.4	55.56	0.00361	0.001432	0.001432	0.000776	0.000776	0.001363	39.93	2.57	2.68	14.49	14.49	14.49	14.49	14.49	
08/04/2021 09:00	17.93	0.73	1.46	3.1	8.35	14.55	14.55	50989.84	41.33	0.01478	0.004784	0.004784	0.002726	0.002726	0.004264	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66	
08/04/2021 10:00	14.63	0.72	1.87	3.1	23.95	7.98	14.55	42973.71	35.93	0.01478	0.004784	0.004784	0.002726	0.002726	0.004264	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66	
08/04/2021 11:00	14.63	0.72	1.87	3.1	23.95	7.98	14.55	42973.71	35.93	0.01478	0.004784	0.004784	0.002726	0.002726	0.004264	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66	
08/04/2021 12:00	15.71	0.72	1.11	2.52	9.34	14.71	47306.01	37.52	0.01512	0.00512	0.00512	0.002852	0.002852	0.004552	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66		
08/04/2021 13:00	15.71	0.72	1.11	2.52	9.34	14.71	47306.01	37.52	0.01512	0.00512	0.00512	0.002852	0.002852	0.004552	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66		
08/04/2021 14:00	15.71	0.72	1.11	2.52	9.34	14.71	47306.01	37.52	0.01512	0.00512	0.00512	0.002852	0.002852	0.004552	39.73	1.63	2.35	18.66	18.66	18.66	18.66	18.66		
08/04/2021 15:00	15.71	0.72	1.11	2.52	9.34	14.71	47306.01	37.52	0.01512	0.00512	0.00512	0.002852	0.002852	0.004552	39.73	1.63	2.35	18.66	18.66	18.66				

01/04/2020 00:00 - 30/04/2020 23:59

NOX	SOX	DI
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Site Name: HRS5 STACK12
Stock Name: 01/04/2020 00:00 - 30/04/2020 23:59
Periodicity:

Date & Time	NOx	SOx	DUST	Actual Operation Conditions				Emission Location										Emission Concentration for Standardization Comparison												
				OPACITY	CO	O2	FLOW (B1) ATM	GTG1_LOAD	NOx		SOx		Dust	HRS1_NO2/HRS1_CO2/HRS1_SO2/HRS1_Dust (7/2/2)		HRS1_CO2/HRS1_NO2														
									mg/m3	ppm	mg/m3	ppm		mg/m3	ppm	mg/m3	ppm	mg/m3	ppm											
2020/02/10/09:00	17.4	1	0.94	2.16	8.21	14.41	44.25	0.017486	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634	0.001381	0.001381	0.000634
2020/02/10/10:00	15.86	0.86	1.06	2.36	7.18	14.6	45.93	0.013024	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606	0.001421	0.001421	0.000606
2020/02/10/11:00	15.81	0.89	1.02	2.36	7.32	14.62	46.59	0.013456	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611	0.001404	0.001404	0.000611
2020/02/10/12:00	14.54	0.89	1.06	2.36	7.31	14.62	45.91	0.012949	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618
2020/02/10/13:00	16.03	0.86	1.06	2.36	7.31	14.58	46.41	0.014148	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618	0.001421	0.001421	0.000618
2020/02/10/14:00	16.26	1.05	1.1	2.49	7.3	14.57	47.05	0.014462	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622	0.001426	0.001426	0.000622
2020/02/10/15:00	16.24	1.1	1.27	2.69	7.32	14.58	46.91	0.014536	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628	0.001430	0.001430	0.000628
2020/02/10/16:00	15.04	1.13	1.89	4.24	7.86	14.59	46.30	0.013103	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661	0.001387	0.001387	0.000661
2020/02/10/17:00	14.4	1.05	1.42	2.72	7.62	14.69	46.03	0.012647	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673	0.001381	0.001381	0.000673
2020/02/10/18:00	14.84	1.02	1.18	2.68	7.59	14.73	45.95	0.012681	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674	0.001373	0.001373	0.000674
2020/02/10/19:00	14.03	1.03	1.01	2.59	7.7	14.74	45.08	0.011827	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678	0.001378	0.001378	0.000678
2020/02/20/10:00	13.96	1.05	0.99	2.24	7.67	14.74	45.04	0.011984	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/11:00	14.03	1.08	1.12	2.59	7.67	14.73	45.98	0.012113	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/12:00	14.01	1.08	1.1	2.71	7.62	14.72	46.11	0.011883	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/13:00	15.76	1.08	1.03	2.35	8.03	14.59	50.11	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/14:00	15.79	1.11	0.98	1.99	7.3	14.36	51.70	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/15:00	16.18	1.14	1.08	2.48	7.36	14.35	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/16:00	16.18	1.14	1.17	2.66	7.3	14.34	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/17:00	16.21	1.15	0.97	2.2	7.33	14.34	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/18:00	16.15	1.06	0.96	2.16	7.36	14.34	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/19:00	16.15	1.06	0.98	2.23	7.3	14.35	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/20:00	16.48	1.15	0.89	2.04	7.3	14.35	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/21:00	17.71	1.07	0.84	1.9	7.86	14.36	51.75	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/22:00	18.37	1.01	0.87	1.96	7.38	14.32	56.70	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/20/23:00	17.38	1.01	0.93	2.13	8.34	14.42	53.07	0.014518	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/21/00:00	13.42	1.02	1.02	2.33	7.64	14.63	46.60	0.011984	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681	0.001361	0.001361	0.000681
2020/02/21/01:00	13.36	1.03	1.03	2.39	7.66	14.62	46.42	0.011984	0.000681	0.001361	0.001361	0																		

Site Name: GULF NC
Stock Name: HRS5 STACK12
Periodically: 01/04/2020 00:00 - 30/04/2020 23:59

Date & Time	Actual Operation Conditions								Emission Loading						Emission Concentration for Standardization Comparison					
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW (81 ATM 25C)	GTG11_LOAD	NOx		SOx		Dust		HRSO1_NOx(PH2O)	HRSO1_SOx(PH2O)	HRSO1_Dust(PH2O)	HRSO1_CO(PH2O)	HRSO1_O2	
									Ton	(ppm)	Ton	(ppm)	Ton	ppm						
														ppm						ppm
29/04/2021 12:00	13.56	0.45	1.03	2.34	7.24	14.76	490009.8	35.24	0.011726	3.426886	0.0005418	0.100616	0.000474	0.1316136	30.69	1.02	2.33	16.61		
29/04/2021 12:30	12.61	0.45	0.95	2.17	6.81	14.77	490377.3	35.03	0.011441	3.090396	0.0005571	0.103209	0.000456	0.1323899	29.69	1.02	2.36	19.52		
29/04/2021 13:00	12.14	0.46	0.84	1.9	6.39	14.73	471494.6	36.42	0.010789	2.891394	0.0005677	0.102701	0.000396	0.1308164	27.35	1.04	1.86	21.18		
29/04/2021 13:30	13.12	0.47	0.88	2.02	7.66	14.73	494616.5	35.56	0.011479	3.181122	0.0006717	0.108799	0.000499	0.1336876	29.56	1.06	1.99	17.27		
29/04/2021 14:00	12.58	0.46	0.89	2.04	7.67	14.76	490713.2	35.46	0.010919	3.033018	0.0005726	0.100864	0.000495	0.1339821	28.45	1.06	2.02	17.61		
29/04/2021 17:00	12.21	0.48	0.88	2.01	8	14.78	459127	35.26	0.010547	2.820712	0.0005789	0.100241	0.000469	0.1322318	27.72	1.1	2	18.17		
29/04/2021 18:00	11.97	0.48	0.89	2.03	8.11	14.8	457759.8	35.12	0.010310	2.803708	0.0005782	0.100776	0.000467	0.1331773	27.29	1.09	2.05	17.29		
29/04/2021 18:00	11.03	0.48	0.92	2.09	8.86	14.83	452440	34.21	0.009247	2.696904	0.0005660	0.107208	0.000414	0.1311124	25.29	1.09	2.1	19.6		
29/04/2021 20:00	10.33	0.47	0.95	2.16	9.00	14.85	453514.3	34.87	0.008973	2.699505	0.0005596	0.105156	0.000413	0.1345972	24.13	1.07	2.08	20.91		
29/04/2021 21:00	10.58	0.48	0.95	2.17	9.01	14.84	454044.8	34.93	0.009005	2.633892	0.0006724	0.105921	0.000434	0.1306462	24.29	1.09	2.18	20.67		
29/04/2021 22:00	10.52	0.47	0.95	2.16	9.00	14.85	453514.3	34.87	0.008973	2.699505	0.0005596	0.105156	0.000413	0.1345972	24.13	1.07	2.08	20.91		
29/04/2021 23:00	14.3	0.49	1.16	2.62	8.29	14.87	509092.7	41.71	0.011868	3.867814	0.0006826	0.131381	0.000491	0.1404410	32.27	1.1	2.08	18.55		
30/04/2021 00:00	17.48	0.51	1	2.21	7.96	14.46	508951.6	49.01	0.010893	4.007703	0.0007763	0.210548	0.000628	0.1377921	37.76	1.1	2.16	17.17		
30/04/2021 01:00	17.48	0.52	1.31	2.88	8.12	14.46	469728.6	49.93	0.010716	4.194091	0.0007741	0.210031	0.000765	0.2065468	37.76	1.13	2.83	17.13		
30/04/2021 02:00	17.46	0.54	1.67	3.78	8.17	14.44	507124.3	48.82	0.010495	4.174964	0.0008016	0.222674	0.000847	0.2638927	37.54	1.16	3.6	17.57		
30/04/2021 03:00	17.42	0.55	1.12	2.55	7.98	14.43	510407.3	49.17	0.010473	4.149741	0.0008079	0.220477	0.000819	0.1774769	37.45	1.18	2.41	17.16		
30/04/2021 04:00	17.56	0.55	1.12	2.54	7.98	14.44	510372.7	49.15	0.010484	4.234313	0.0008212	0.220897	0.000819	0.1774493	37.8	1.18	2.4	16.91		
30/04/2021 05:00	17.62	0.55	1.24	2.62	7.93	14.45	510401.1	49.27	0.010917	4.244689	0.0008215	0.230204	0.000799	0.1965533	37.88	1.19	2.88	16.87		
30/04/2021 06:00	17.73	0.53	1.26	2.85	7.86	14.46	510611.8	49.32	0.010934	4.287291	0.0007918	0.213935	0.000719	0.1997141	38.29	1.15	2.71	16.94		
30/04/2021 07:00	17.61	0.48	0.99	2.50	7.91	14.46	510574.4	49.32	0.010884	4.405957	0.0007981	0.199994	0.000599	0.1449933	38.44	1.03	2.16	16.87		
30/04/2021 08:00	18.13	0.42	0.93	2.12	7.69	14.45	514501.3	47.29	0.010916	4.564427	0.0006907	0.169353	0.000516	0.1432892	39.08	0.9	2.01	16.49		
30/04/2021 09:00	17.18	0.41	0.94	2.13	8.27	14.59	528192.2	43.05	0.011701	4.741969	0.0006968	0.167490	0.000499	0.1379064	37.6	0.8	2.06	18.19		
30/04/2021 10:00	13.71	0.39	0.97	2.41	7.71	14.77	461339.6	35.45	0.011089	3.056461	0.000710	0.130826	0.000467	0.1243064	31.09	0.89	2.2	17.48		
30/04/2021 11:00	13.52	0.39	0.95	2.17	7.71	14.77	459581.5	35.17	0.011877	3.440717	0.0004687	0.130181	0.000438	0.1211465	30.84	0.88	2.16	17.48		
30/04/2021 12:00	8.76	0.41	1.03	2.54	15.09	14.84	461993.7	34.76	0.007674	2.114962	0.0004698	0.137717	0.000478	0.1321735	20.59	0.94	2.36	30.95		
30/04/2021 13:00	12.1	0.43	1.05	2.39	8.9	14.77	478192.4	36.52	0.010818	3.004909	0.0004349	0.148672	0.000499	0.1389878	27.44	0.97	2.39	22.47		
30/04/2021 14:00	13.32	0.41	0.95	2.35	8.47	14.75	476469.7	36.91	0.011580	3.167364	0.0005113	0.142041	0.000500	0.1389895	30.12	0.92	2.37	19.17		
30/04/2021 15:00	13.75	0.41	0.99	2.20	8.13	14.74	477283.1	37.13	0.012347	3.429893	0.0005122	0.142288	0.000473	0.1312593	31.06	0.92	2.43	18.38		
30/04/2021 16:00	12.74	0.4	1.03	2.32	9.11	14.76	476992.3	36.29	0.011742	3.133896	0.0004929	0.138896	0.000469	0.1248764	29.52	0.9	2.35	20.69		
30/04/2021 17:00	10.6	0.38	0.99	2.20	11.5	14.81	461189.2	35.14	0.009197	2.566167	0.0004697	0.127461	0.000467	0.1263970	24.17	0.86	2.29	26.25		
30/04/2021 18:00	11.89	0.37	1.04	2.37	8.11	14.81	456524.3	35.01	0.010298	2.600516	0.0004441	0.124819	0.000479	0.1318648	27.35	0.84	2.38	18.53		
30/04/2021 19:00	11.49	0.37	1.05	2.35	8.48	14.84	459199.7	35.26	0.009926	2.573111	0.0004467	0.123933	0.000478	0.1263935	26.35	0.85	2.37	19.45		
30/04/2021 20:00	11.53	0.38	1.06	2.4	8.55	14.84	460145.3	35.35	0.009992	2.772896	0.0004577	0.127139	0.000488	0.1354872	26.45	0.88	2.43	19.63		
30/04/2021 21:00	11.72	0.4	1.04	2.38	8.43	14.85	462451.9	35.6	0.010158	2.932709	0.0004642	0.134511	0.000481	0.1336008	26.65	0.92	2.4	19.38		
30/04/2021 22:00	11.61	0.41	0.94	2.13	8.66	14.86	461849.1	35.49	0.010098	2.802294	0.0004997	0.127684	0.000434	0.1209939	26.73	0.94	2.16	19.71		
30/04/2021 23:00	13.88	0.43	1.07	2.57	10.97	14.92	510278.1	41.68	0.012354	3.121193	0.0005153	0.150924	0.000519	0.1411273	31.14	0.97	2.25	22.93		
Mean	11.95	0.37	0.73	1.66	5.37	12.26	421383.19	33.24	0.010564	3.121193	0.0005153	0.150924	0.000519	0.1411273	11.34	0.85	1.95	17.72		
Median	26.92	0.47	11.74	20.69	36.46	14.42	506533.19	49.92	0.02	4.71	0.00	0.32	0.01	0.16	43.92	0.99	2.98	19.92		
Av.	15.58	0.56	1.32	3.04	7.96	14.58	513510.05	41.93	0.02	4.21	0.00	0.32	0.00	0.16	34.14	1.08	2.97	17.45		
SUM									0.07	STD=7.46	0.01	STD=1.6	0.37	STD=1.8	STD=60	STD=6	STD=24	STD=680		

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[illegible]

[illegible]

[illegible]

Date & Time	NOX	SOX	DUST	Actual Condition			O2	Flow (t/h)			Emission Load			Emission Concentration			Emission Concentration Comparison		
				Capacity	Conc	%		Flow (t/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)	Load (kg/h)
5/22/2022 0:00	17.84	0.67	1.64	3.69	4.51	14.49	5768.912	50.3	0.019360	0.377870	0.0013196	0.364886	0.000946	0.262727	38.69	1.89	3.53	8.78	
5/22/2022 0:10	18.37	0.63	1.57	3.69	4.51	14.49	5768.912	50.3	0.019360	0.377870	0.0013196	0.364886	0.000946	0.262727	38.69	1.89	3.53	8.78	
5/22/2022 0:20	18.37	0.91	1.52	3.44	3.71	14.46	58100.25	50.64	0.020860	0.577855	0.0018046	0.364432	0.000883	0.245133	39.66	1.98	3.29	8	
5/22/2022 0:30	18.59	0.91	1.49	3.38	3.5	14.45	58186.1	50.72	0.020444	0.558105	0.0013955	0.349489	0.000867	0.247447	40.08	1.97	3.2	7.94	
5/22/2022 0:40	18.57	0.91	1.52	3.35	3.48	14.49	58186.1	50.72	0.020444	0.558105	0.0013955	0.349489	0.000867	0.247447	40.08	1.97	3.2	7.94	
5/22/2022 0:50	18.1	0.62	1.56	3.53	3.82	14.47	58186.1	50.65	0.019890	0.500364	0.0014008	0.389117	0.000927	0.240672	39.15	1.99	3.37	8.25	
5/22/2022 1:00	16.16	0.58	1.44	3.68	3.54	14.46	58706.76	49.85	0.017829	0.512884	0.0014158	0.392720	0.000904	0.248458	39.69	2.02	3.46	8.25	
5/22/2022 1:10	14.32	0.87	1.58	3.58	3.62	14.54	57045.1	49.85	0.017829	0.512884	0.0014158	0.392720	0.000904	0.248458	39.69	2.02	3.46	8.25	
5/22/2022 1:20	16.48	0.83	1.45	3.28	4.99	14.57	55720.82	47.42	0.012882	0.424844	0.0012104	0.336313	0.000808	0.224390	31.99	1.83	3.18	10.03	
5/22/2022 1:30	16.46	0.81	1.27	3.54	3.44	14.47	58186.1	50.72	0.019890	0.500364	0.0014008	0.389117	0.000927	0.240672	39.15	1.99	3.37	8.25	
5/22/2022 1:40	16.69	0.81	1.71	3.85	3.47	14.51	55039.9	47.03	0.017076	0.474238	0.0011679	0.324611	0.000801	0.241436	36.86	1.76	3.71	7.92	
5/22/2022 1:50	17.48	0.79	1.59	3.29	2.85	14.47	55081.6	47.22	0.018103	0.502872	0.0013163	0.316193	0.000782	0.242120	37.8	1.71	3.43	5.73	
5/22/2022 2:00	17.35	0.78	1.33	3.48	3.48	14.48	55081.6	47.22	0.018103	0.502872	0.0013163	0.316193	0.000782	0.242120	37.8	1.71	3.43	5.73	
5/22/2022 2:10	18.87	0.74	1.45	3.27	2.28	14.43	55081.6	47.22	0.018103	0.502872	0.0013163	0.316193	0.000782	0.242120	37.8	1.71	3.43	5.73	
5/22/2022 2:20	17.41	0.82	1.63	3.42	3.23	14.43	55081.6	47.22	0.018103	0.502872	0.0013163	0.316193	0.000782	0.242120	37.8	1.71	3.43	5.73	
5/22/2022 2:30	18.13	0.78	1.67	3.77	3.12	14.41	55083.4	47.34	0.018744	0.512766	0.0014133	0.312137	0.000782	0.245459	38.8	1.67	3.58	6.67	
5/22/2022 2:40	17.39	0.81	1.56	3.54	3.38	14.41	55129.4	47.35	0.019360	0.519025	0.0011683	0.324611	0.000801	0.238354	37.26	1.74	3.36	7.88	
5/22/2022 2:50	15.11	0.81	1.51	3.39	3.41	14.44	53267.1	47.35	0.019										

Date & Time	NOX	SOX	DUST	Actual Operation Condition				O2	FLOW B1 (MT/hr)	GTG1_LOAD	NOx	Emission Loading			Emission Concentration for Standardization Comparison			
				OPACITY	CO	OD	PPH					SOx	Dust	PM10	HRSG1_NOx(ppm)	HRSG1_SOx(ppm)	HRSG1_CO(ppm)	HRSG1_CO2(ppm)
5/17/2022 15:08	15.18	0.00	1.09	3.14	4.03	14.76	470567.3	37.2	0.01462	3.995874	-	0.000856	0.0181595	36.06	0	3.15	8.91	0.000856
5/17/2022 15:16	15.14	0.00	1.18	3.17	4.19	14.76	459661.7	37.2	0.00893	3.839701	-	0.000856	0.0181595	36.06	0	3.15	8.91	0.00893
5/17/2022 15:26	16.27	0.01	1.3	2.94	4.02	14.73	474563.8	37.61	0.014527	4.035140	-	0.000817	0.0175703	36.54	0	3.28	9.05	0.000817
5/17/2022 15:34	16.31	0.01	2.87	3.1	4.23	14.74	474563.8	37.61	0.014527	4.035140	-	0.000817	0.0175703	36.54	0	3.28	9.05	0.000817
5/17/2022 15:44	16.02	0.00	1.28	2.91	4.23	14.7	479270.8	35.14	0.014449	4.016313	-	0.000814	0.0170564	35.93	0	2.98	9.49	0.000814
5/17/2022 15:59	15.38	0.00	1.34	3.04	4.33	14.72	474287.8	37.55	0.013724	3.812192	-	0.000836	0.0174604	34.58	0	3.02	8.74	0.000836
5/17/2022 16:09	15.43	0.00	1.38	3.12	4.45	14.73	464402.9	36.43	0.013724	3.812192	-	0.000836	0.0174604	34.58	0	3.02	8.74	0.000836
5/17/2022 17:09	14.25	0.00	1.32	3	4.8	14.77	462211.8	36.31	0.012400	3.444403	-	0.000811	0.0169827	32.31	0	3	10.43	0.000811
5/17/2022 17:19	14.35	0.00	1.45	3.54	4.78	14.83	462211.8	36.31	0.012400	3.444403	-	0.000811	0.0169827	32.31	0	3	10.43	0.000811
5/17/2022 19:09	14.21	0.00	1.57	3.55	5.08	14.79	459331.8	39.05	0.013588	3.231753	-	0.000871	0.0185269	32.32	0	3.57	11.58	0.000871
5/17/2022 19:19	14.47	0.00	1.57	3.56	4.89	14.79	459681.6	39.07	0.012449	3.465588	-	0.000874	0.0180336	32.81	0	3.58	11.05	0.000874
5/17/2022 19:29	14.33	0.45	1.72	3.65	4.10	14.77	460171.0	37.02	0.012449	3.465588	-	0.000874	0.0180336	32.81	0	3.58	11.05	0.000874
5/17/2022 22:09	14.62	0.00	1.56	3.54	5.87	14.74	441893.3	39.72	0.013287	3.636511	-	0.000872	0.0180984	32.99	0	3.53	12.81	0.000872
5/17/2022 22:19	17	0.00	1.62	3.66	4.42	14.83	450649.3	39.87	0.013785	3.210942	-	0.000824	0.0178471	37.62	0	3.74	8.73	0.000824
5/17/2022 22:29	15.18	0.00	1.74	3.74	5.66	14.43	572468.8	45.87	0.013785	3.210942	-	0.000824	0.0178471	37.62	0	3.74	8.73	0.000824
5/17/2022 22:39	15.38	0.00	1.61	3.18	4.45	14.43	574384.8	50.04	0.019841	5.511371	-	0.000804	0.0233758	39.46	0	3.02	8.56	0.000804
5/17/2022 22:49	15.18	0.00	1.68	3.17	4.63	14.43	574384.8	50.04	0.019841	5.511371	-	0.000804	0.0233758	39.46	0	3.02	8.56	0.000804
5/17/2022 23:09	15.56	0.00	1.59	3.59	4.62	14.42	576367.5	49.19	0.020091	5.590942	-	0.000						

Site Name: GULF NC
Stack Name: HRSG STACK12
Periodicity: 01/05/2021 00:00 - 31/05/2021 23:59

Date & Time	Actual Operation Condition										Emission Loading										Emission Concentration for Standardization Comparison				
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM	GTG1_LOAD	MW	NOx	SOx	Dust	HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust(7%O2)	HRSG1_CO@7%O2	NOx	SOx	Dust	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
5/12/2022 21:59	17.42	0	1.58	3.35	3.13	14.3	46200.4	88.51	0.019335	4.428251	-	-	0.000768	0.213388	39.72	0	3.52	0	3.52	0	3.52	0	3.52	0	3.52
5/12/2022 22:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 23:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 1:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 2:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 3:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 4:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 5:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 6:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 7:59	15.29	0	1.73	3.9	3.22	14.74	51014.9	40.92	0.014876	4.076407	-	-	0.000883	0.240139	34.48	0	3.9	0	3.9	0	3.9	0	3.9	0	3.9
5/12/2022 8:59	18.69	0	1.77	4	3.84	14.71	50851.22	41.65	0.017297	4.040611	-	-	0.000900	0.2509138	46.68	0	3.98	0	3.98	0	3.98	0	3.98	0	3.98
5/12/2022 9:59	18.42	0	1.65	3.72	3.46	14.69	50355.8	40.71	0.018409	5.113881	-	-	0.000931	0.2399339	43.5	0	3.98	0	3.98	0	3.98	0	3.98	0	3.98
5/12/2022 10:59	19.35	0	1.69	3.61	3.38	14.72	50130.4	40.25	0.019326	5.099438	-	-	0.000947	0.2333346	43.95	0	3.79	0	3.79	0	3.79	0	3.79	0	3.79
5/12/2022 11:59	19.32	0	1.7	3.85	3.31	14.71	48610.15	38.85	0.018105	5.029229	-	-	0.000947	0.2352146	43.37	0	3.82	0	3.82	0	3.82	0	3.82	0	3.82
5/12/2022 12:59	18.19	0	1.72	3.88	3.27	14.65	50684.4	40.88	0.015432	4.282726	-	-	0.000871	0.2420630	36.07	0	3.82	0	3.82	0	3.82	0	3.82	0	3.82
5/12/2022 13:59	14.53	0	1.74	3.92	3.39	14.62	50200.0	41.12	0.013920	3.666116	-	-	0.000868	0.2441136	37.15	0	3.84	0	3.84	0	3.84	0	3.84	0	3.84
5/12/2022 14:59	14.27	0	1.73	3.9	3.48	14.62	50848.3	41.03	0.013651	3.792081	-	-	0.000880	0.2443547	31.59	0	3.83	0	3.83	0	3.83	0	3.83	0	3.83
5/12/2022 15:59	14.96	0	1.69	3.59	3.2	14.63	50553.4	40.75	0.014267	3.858114	-	-	0.000906	0.2271312	33.19	0	3.52	0	3.52	0	3.52	0	3.52	0	3.52
5/12/2022 16:59	19.73	0	1.63	3.67	3.23	14.74	49505.4	38.92	0.019207	5.052419	-	-	0.000907	0.2422891	44.51	0	3.67	0	3.67	0	3.67	0	3.67	0	3.67
5/12/2022 17:59	19.89	0	1.46	3.31	3.28	14.74	49477.35	39.53	0.018516	5.143014	-	-	0.000722	0.2006581	44.87	0	3.3	0	3.3	0	3.3	0	3.3	0	3.3
5/12/2022 18:59	17.45	0	1.53	3.45	3.35	14.77	49497.6	39.3	0.015263	4.121231	-	-	0.000797	0.2101616	39.09	0	3.45	0	3.45	0	3.45	0	3.45	0	3.45
5/12/2022 19:59	16.81	0	1.18	2.64	4.15	14.77	49147.68	38.93	0.015564	4.317448	-	-	0.000570	0.1935647	38.14	0	2.64	0	2.64	0	2.64	0	2.64	0	2.64
5/12/2022 20:59	17.88	0	1.17	2.65	3.53	14.77	48765.9	38.74	0.016484	4.586788	-	-	0.000571	0.1984878	40.57	0	2.65	0	2.65	0	2.65	0	2.65	0	2.65
5/12/2022 21:59	17.51	0	1.4	3.17	3.97	14.78	48624.8	38.55	0.016027	4.451845	-	-	0.000581	0.1991903	39.73	0	3.18	0	3.18	0	3.18	0	3.18	0	3.18
5/12/2022 22:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 23:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
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5/12/2022 2:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 3:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 4:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 5:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
5/12/2022 6:59	14.53	0	1.68	3.75	3.36	14.7	50531.5	40.83	0.015215	4.18211	-	-	0.000843	0.214214	34.74	0	3.68	0	3.68	0	3.68	0	3.68	0	3.68
5/12/2022 7:59	17.63	0	1.66	3.75	3.36	14.7	50354.2	41.24	0.016889	4.628280	-	-	0.000846	0.2348889	39.51	0	3.72	0	3.72	0	3.72	0	3.72	0	3.72
5/12/2022 8:59	18.25	0	1.65	3.73	3.05	14.7	50439.2	40.75	0.017218	4.610870	-	-	0.000832	0.2311738	40.89	0	3.7	0	3.7	0	3.7	0	3.7	0	3.7
5/12/2022 9:59	18.38	0	1.58	3.58	2.9	14.7	50421	40.31	0.017345	4.722561	-	-	0.000792	0.2202091	41.22	0	3.59	0	3.59	0	3.59	0	3.59	0	3.59
5/12/2022 10:59	18.27	0	1.6	3.4	2.86	14.72	49797.35	38.85	0.017117	4.754679	-	-	0.000747	0.2071490	41.09	0	3.38	0	3.38	0	3.38	0	3.38	0	3.38
5/12/2022 11:59	18.27	0	1.6	3.4	2.86	14.72	49797.35	38.85	0.017117	4.754679	-	-	0.000747	0.2071490	41.09	0	3.38	0	3.38	0	3.38	0	3.38	0	3.38
5/12/2022 12:59	17.54	0	1.42	3.21	2.93	14.69	49704.1	39.76	0.017098	4.748754	-	-	0.000706	0.2168221	39.92	0	3.17	0	3.17	0	3.17	0	3.17	0	3.17
5/12/2022 13:59	17.54	0	1.42	3.21	2.93	14.69	49704.1	39.76	0.017098	4.748754	-	-	0.000706	0.2168221	39.92	0	3.17	0	3.17	0	3.17	0	3.17	0	3.17
5/12/2022 14:59	17.54	0	1.25	2.83	2.9	14.7	48479.06	39.59	0.016328	4.635824	-	-	0.000618	0.1718023	38.34	0	2.79	0	2.79	0	2.79	0	2.79	0	2.79
5/12/2022 15:59	17.54	0	1.35	2.85	2.58	14.68	48801.5	39.56	0.016683	4.612443	-	-	0.000618	0.1718023	38.34	0	2.79	0	2.79	0	2.79	0	2.79	0	2.79
5/12/2022 16:59	17.01	0	1.7	3.83	3.05	14.69	50259.4	41.02	0.017154	4.765004	-	-	0.000961	0.2399669	40.29	0	3.8	0	3.8	0	3.8	0	3.8	0	3.8
5/12/2022 17:59	18.11	0	1.54	3.49	3.84	14.73	50434.3	40.86	0.016241	4.611371	-	-	0.000777	0.2182643	38.5	0	3.48	0	3.48	0	3.48	0	3.48	0	3.48
5/12/2022 18:59	15.35	0	1.18	2.67	3.36	14.79	48327.92	38.65	0.013587	3.676882	-	-	0.000570	0.1935647	34.84	0	2.67								

Date & Time	NOX	SOX	DUST	Actual Emission Condition										Emission Limiting										Emission Concentration for Standardization									
				Opacity		CO		O2		Flow @ 101kPa		GTG1_LOAD		NOx		SOx		Dust		HRS1_NOx@740C		HRS1_SOx@740C		HRS1_Dust@740C		HRS1_CO@740C		HRS1_NOx@740C		HRS1_SOx@740C		HRS1_Dust@740C	
				ppm	mg/m3	ppm	%	ppm	%	ppm	kg/hr	MW	Ton	ppm	kg/hr	Ton	ppm	Ton	ppm	kg/hr	ppm	mg/m3	ppm	ppm	mg/m3	ppm	ppm	mg/m3	ppm	ppm	mg/m3	ppm	
5/20/2022 8:59	19.16	0	1.32	3	3.68	14.73				499236.5	40.06	0.017996	4.99944			0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534
5/20/2022 9:18	17.78	4.02	1.72	3.88	19.13	14.72				499118.3	40.06	0.017996	4.99944			0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534	43.16		0.000898	0.130534
5/20/2022 10:59	19.01	0	1.85	4.18	3.69	14.71				500629.9	40.06	0.017996	4.979999			0.000926	0.257139	42.73		0.000926	0.257139	42.73		0.000926	0.257139	42.73		0.000926	0.257139	42.73		0.000926	0.257139
5/20/2022 11:19	16.95	0	1.7	3.84	4.66	14.76				49812.1	39.16	0.016789	4.389588			0.000842	0.232629	38.34		0.000842	0.232629	38.34		0.000842	0.232629	38.34		0.000842	0.232629	38.34		0.000842	0.232629
5/20/2022 11:39	17.78	4	1.79	4	1.77	2.59	14.73			497175.9	40.02	0.017758	4.91			0.000840	0.247119	40.02		0.000840	0.247119	40.02		0.000840	0.247119	40.02		0.000840	0.247119	40.02		0.000840	0.247119
5/20/2022 15:54	20.54	0	1.76	3.97	3.34	14.7				499588.8	40.01	0.012927	4.360308			0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110
5/20/2022 15:55	20.82	0	1.12	3.88	4.66	14.73				497464.2	39.82	0.012927	4.360308			0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110
5/20/2022 15:56	20.82	0	1.69	3.92	3.24	14.7				497657.9	39.79	0.012927	4.360308			0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110	46.06		0.000879	0.244110
5/20/2022 15:59	19.15	0	1.75	3.95	3.83	14.72				495476.1	39.5	0.012851	4.362011			0.000887	0.240064	43.07		0.000887	0.240064	43.07		0.000887	0.240064	43.07		0.000887	0.240064	43.07		0.000887	0.240064
5/20/2022 15:59	17.53	1.24	1.75	3.																													

Date & Time	NOX	SOX	Actual Op. Data										Emission Leading										Standardization Comparison									
			DUST		CAPACITY		CO		O2		FLOW @ 10m ZPG		MMW		GTG1 LOAD		NOx		SOx		Dust		HRS1 NOx@70C		HRS1 SOx@70C		HRS1 Dust@70C		HRS1 CO@70C			
	ppm	ppm	mg/m3	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
5/26/2022 15:58	15.38	0.07	1.67	3.78	0.01	14.82	46355.5	36.58	0.013436	3.723356	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89		
5/26/2022 15:59	15.38	0.07	1.67	3.78	0.01	14.82	46355.5	36.58	0.013436	3.723356	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89	0.000776	0.2154092	35.17	0.3	8.89		
5/26/2022 15:59	15.13	0.09	1.69	3.82	0.04	14.85	46289.12	36.53	0.013179	3.686823	0.000782	0.2174440	34.77	0.3	8.74	0.000782	0.2174440	34.77	0.3	8.74	0.000782	0.2174440	34.77	0.3	8.74	0.000782	0.2174440	34.77	0.3	8.74		
5/26/2022 15:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown		
5/26/2022 15:59	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown		
5/26/2022 15:59	17.16	0.1	1.65	3.73	0.38	14.48	56975.8	49.55	0.016320	3.977865	0.000816	0.2545635	37.15	0.3	9.01	0.000816	0.2545635	37.15	0.3	9.01	0.000816	0.2545635	37.15	0.3	9.01	0.000816	0.2545635	37.15	0.3	9.01		
5/26/2022 15:59	16.77	0.1	1.55	3.51	0.39	14.48	56980.9	49.43	0.015768	3.959101	0.000803	0.2481974	36.33	0.3	8.99	0.000803	0.2481974	36.33	0.3	8.99	0.000803	0.2481974	36.33	0.3	8.99	0.000803	0.2481974	36.33	0.3	8.99		
5/26/2022 15:59	16.53	0.09	1.63	3.46	0.89	14.64	57271.7	48.64	0.016374	3.927211	0.000814	0.2623271	37.15	0.3	9.04	0.000814	0.2623271	37.15	0.3	9.04	0.000814	0.2623271	37.15	0.3	9.04	0.000814	0.2623271	37.15	0.3	9.04		
5/26/2022 15:59	17.7	0.1	1.55	3.59	0.83	14.47	57334.8	49.84	0.015853	3.915078	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98		
5/26/2022 15:59	17.7	0.1	1.73	3.92	0.79	14.47	57259.8	49.85	0.015858	3.916405	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98		
5/26/2022 15:59	16.88	0.09	1.68	3.69	0.88	14.56	57369.2	49.82	0.015853	3.915078	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98	0.000806	0.2385950	37.18	0.3	8.98		
5/26/202																																

GULF NC
HRSG STA
01/06/2021

Actual Operation Condition										Emission Loading										Emission Concentration for Standardization Comparison									
Date & Time	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1ATM	GTGT1_LOAD	NOx	SOx	Dust	HRSG1_NOx@750C	HRSG1_SOx@750C	HRSG1_Dust@750C	HRSG1_CO@750C														
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	ppm	ppm	mg/m3	ppm														
6/12/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 6:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 7:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 10:00	17.89	0.34	1.31	3	9.73	14.75	517370.5	37.42	0.017414	4.837138	0.004684	0.127903	0.000678	0.188264	40.48														
6/12/2022 11:00	17.22	0.27	1.16	2.82	7.74	14.75	517370.5	37.42	0.017414	4.837138	0.004684	0.127903	0.000678	0.188264	40.48														
6/12/2022 12:00	17.27	0.29	1.21	2.77	8.64	14.77	513848.5	36.79	0.016878	4.888226	0.004595	0.131329	0.000681	0.172598	39.62														
6/12/2022 13:00	18.42	0.26	1.17	2.68	8.41	14.75	524449.3	38.95	0.019175	5.045854	0.003569	0.099146	0.000614	0.170466	41.65														
6/12/2022 14:00	17.22	0.27	1.18	2.71	8.36	14.75	524449.3	38.95	0.019175	5.045854	0.003569	0.099146	0.000614	0.170466	41.65														
6/12/2022 15:00	16.9	0.23	1.15	2.63	8.55	14.77	520528.2	37.37	0.016580	4.973439	0.0030134	0.088750	0.000599	0.166728	38.34														
6/12/2022 16:00	16.91	0.23	1.15	2.63	8.55	14.77	520528.2	37.37	0.016580	4.973439	0.0030134	0.088750	0.000599	0.166728	38.34														
6/12/2022 17:00	16.91	0.23	1.15	2.63	8.55	14.77	520528.2	37.37	0.016580	4.973439	0.0030134	0.088750	0.000599	0.166728	38.34														
6/12/2022 18:00	16.91	0.23	1.15	2.63	8.55	14.77	520528.2	37.37	0.016580	4.973439	0.0030134	0.088750	0.000599	0.166728	38.34														
6/12/2022 19:00	16.91	0.23	1.15	2.63	8.55	14.77	520528.2	37.37	0.016580	4.973439	0.0030134	0.088750	0.000599	0.166728	38.34														
6/12/2022 20:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 21:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 22:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 23:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 24:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 6:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 7:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 10:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 11:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 12:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 13:00	1.34	0.34	1.38	3.01	9.38	14.75	56674.7	3.87	0.003349	0.921487	0.000339	0.008219	0.000033	0.024218	1.16														
6/12/2022 14:00	20.37	0.28	1.28	2.94	7.32	14.38	56290.1	4.67	0.022810	3.632244	0.004582	0.111717	0.000762	0.216271	43.44														
6/12/2022 15:00	20.37	0.28	1.28	2.94	7.32	14.38	56290.1	4.67	0.022810	3.632244	0.004582	0.111717	0.000762	0.216271	43.44														
6/12/2022 16:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 17:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 18:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 19:00	17.51	0.38	1.22	2.79	5.91	14.78	49911.3	35.41	0.016442	4.567305	0.003959	0.137905	0.000609	0.189143	39.74														
6/12/2022 20:00	18.19	0.43	1.44	2.61	6.85	14.77	59511.5	36.1	0.017244	4.790263	0.004627	0.141594	0.000659	0.185118	42.75														
6/12/2022 21:00	18.19	0.43	1.44	2.61	6.85	14.77	59511.5	36.1	0.017244	4.790263	0.004627	0.141594	0.000659	0.185118	42.75														
6/12/2022 22:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 23:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 24:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
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6/12/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown														
6/12/2022 10:00	16.99	0.42	1.24	2.81	5.38	14.74	51979.8	35.52	0.016355	4.545927	0.003923	0.136351	0.000635	0.176345	38.31														
6/12/2022 11:00	17.45	0.4	1.17	2.69	7.57	14.73	51440.9	36.75	0.016890	4.691627	0.004037	0.149627	0.000602	0.167195	39.3														
6/12/2022 12:00	18.36	0.47	1.27	2.65	7.57	14.73	51039.7	35.23	0.021137	4.908413	0.004937	0.133817	0.000673	0.161363	41.81														
6/12/2022 13:00	20.44	0.53	1.21	2.55	5.94	14.71	51915.5	37.6	0.019865	4.545727	0.003488	0.124071	0.000676	0.160760	45.94														
6/12/2022 14:00	19.83	0.52	1.1	2.53	5.94	14.74	51524.7	37.06	0.019226	4.546844	0.003437	0.119987	0.000627	0.167465	44.75														
6/12/2022 15:00	18.93	0.56	1.23	2.63	6.89	14.75	51459.9	36.92	0.018629	4.546844	0.003437	0.119987	0.000627	0.167465	44.75														
6/12/2022 16:00	18.93	0.56	1.23	2.63	6.89	14.75	51459.9	36.92	0.0186																				

[illegible]

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Date & Time		Actual Operation Condition										Emission Loadings				Emission Concentration for Standardization Condition			
		NOx		SOx		DUST		OPACITY	CO	O ₂	FLOW @ 1 ATM	GTG1_LOAD	NOx	SOx	Dust	HRSG1_NOx@760C	HRSG1_SOx@760C	HRSG1_Dust@760C	HRSG1_CO@760C
	ppm	ppm	mg/m3	%	ppm	%	ppm	%	%	ppm	MW	Ton	Ton	Ton	ppm	ppm	mg/m3	%	
6/26/2022 15:58	15.98	1.07	1.38	3.11	0.95	14.82	489070.4	34.55	0.014704	0.048366	0.0013698	0.304059	0.000665	0.184799	35.82	2.45	3.1	22.05	
6/26/2022 15:59	11.3	1.12	3.38	3.2	0.91	16.20	626201.3	34.38	0.015113	0.048162	0.001369	0.304059	0.000665	0.184799	35.82	2.45	3.1	22.05	
6/26/2022 15:59	12.28	1.89	1.89	3.84	10.43	15.08	406925.2	28.35	0.009386	0.2607243	0.0023132	0.589219	0.000689	0.019288	32.88	2.57	3.98	24.4	
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
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6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown
6/26/2022 2:29	ShutDown	ShutDown	ShutDown</																

Site Name: HRSG STACK12
Periodically: 01/06/2021 00:00 - 30/06/2021 23:59

QULF NC

Date & Time	Actual Operation Condition				Flow @ 1 ATM				Emission Loading				Emission Concentration for Standardization Comparison				
	NOx	SOx	DUST	OPACITY	CO	O ₂	%	Flow m ³ /hr	NOx	SOx	Dust		HRSG1_NOx@7%O ₂	HRSG1_SOx@7%O ₂	HRSG1_Dust@7%O ₂	HRSG1_CO@7%O ₂	
	ppm	ppm	mg/m ³	%	ppm	%	%	m ³ /hr	kg/hr	Ton	kg/hr	ppm	ppm	ppm	ppm	ppm	
61/2022 00	14.28	0	1.74	3.32	2.83	14.51	50.7607.4	48.33	0.012014	0.002474	0.000000	0.001214	0.270951	31.07	4.41	5.85	
61/2022 00	14.15	0	1.79	4.08	2.87	14.5	509946	49.3	0.011713	0.002470	0.000000	0.001210	0.263388	30.78	3.78	6.17	
61/2022 00	14.27	0	1.79	4.03	3.04	14.5	509752.4	49.27	0.011527	0.002497	0.000000	0.001202	0.263134	31	3.89	6.28	
61/2022 00	14.58	0	1.68	3.75	3.28	14.49	570488.4	49.42	0.010649	0.004686	0.000000	0.000947	0.263076	31.63	3.61	7.11	
61/2022 00	14.53	0	1.63	3.46	3.44	14.5	571158.1	49.5	0.010513	0.004708	0.000000	0.000944	0.263076	31.54	3.52	7.27	
61/2022 00	14.59	0	1.62	3.68	3.38	14.5	571007.2	49.53	0.010506	0.004684	0.000000	0.000943	0.263076	31.7	3.52	7.34	
61/2022 00	14.67	0	1.78	4.01	3.32	14.49	568296.3	49.21	0.010688	0.004693	0.000000	0.001012	0.269099	31.78	3.85	7.2	
61/2022 00	14.9	0	1.78	4.01	3.46	14.47	562096	49.41	0.010506	0.004686	0.000000	0.001001	0.272099	32	3.85	7.47	
61/2022 00	15.48	0	1.72	3.89	3.83	14.61	523141.7	43.11	0.010326	0.004220	0.000000	0.000900	0.269456	34.25	3.81	8.48	
61/2022 00	17.38	0	1.72	3.88	3.73	14.71	495353.8	39.93	0.010197	0.004927	0.000000	0.000802	0.276690	39.08	3.88	8.38	
61/2022 11:00	17.81	0	1.72	3.89	3.39	14.73	491478.8	39.37	0.010191	0.004744	0.000000	0.000845	0.274157	39.42	3.88	7.64	
61/2022 11:00	18.67	0	1.65	3.74	3.3	14.74	487727.5	38.89	0.010589	0.008186	0.000000	0.000905	0.274541	40.78	3.73	7.44	
61/2022 13:00	15.93	0	1.66	3.76	3.44	14.71	491623.8	39.28	0.014731	0.009139	0.000000	0.000916	0.270784	37.69	3.73	7.72	
61/2022 14:00	13.8	0	1.65	3.73	3.4	14.64	496688.8	40.17	0.012974	0.003734	0.000000	0.000924	0.270024	30.64	3.66	7.55	
61/2022 15:00	13.78	0	1.57	3.55	3.29	14.62	496998.8	40.23	0.012963	0.003974	0.000000	0.000785	0.271050	30.5	3.48	7.28	
61/2022 16:00	14.58	0	1.35	3.4	3.32	14.64	495532.2	39.76	0.013933	0.007158	0.000000	0.000743	0.269479	32.41	3.34	7.38	
61/2022 17:00	17.39	0	1.71	3.85	3.33	14.72	485202.6	38.49	0.015786	0.008502	0.000000	0.000925	0.271857	39.1	3.84	7.3	
61/2022 18:00	17.63	0	1.69	3.8	3.58	14.72	492641.7	39.7	0.010326	0.004330	0.000000	0.000746	0.268130	39.1	3.84	7.3	
61/2022 19:00	17.39	0	1.89	4.29	3.48	14.73	493115.2	39.78	0.010514	0.004710	0.000000	0.000932	0.271857	40.08	4.25	8.84	
61/2022 20:00	18.43	0	1.85	4.18	3.91	14.77	482856.4	39.55	0.010326	0.004330	0.000000	0.000912	0.274724	37.26	4.21	8.87	
61/2022 21:00	19.17	0	1.62	4.1	4.44	14.79	49387.47	39.55	0.010589	0.008219	0.000000	0.000909	0.269651	39.75	4.16	10.12	
61/2022 22:00	12.85	3.82	1.72	3.87	89.84	15.28	442934.8	33.13	0.010708	0.0047437	0.0044280	0.000762	0.271624	32.46	0.98	4.19	
61/2022 23:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 6:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 7:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
62/2022 10:00	17.63	0	1.69	3.8	3.58	14.72	492641.7	39.7	0.010326	0.004330	0.000000	0.000746	0.268130	39.1	3.84	7.3	
62/2022 11:00	19.33	0	1.7	3.84	3.4	14.71	496919.3	40.25	0.010181	0.004616	0.000000	0.000850	0.270616	43.38	3.82	7.62	
62/2022 12:00	19.43	0	1.65	3.72	3.29	14.72	495285.8	39.72	0.010106	0.004287	0.000000	0.000817	0.272867	43.73	3.7	7.37	
62/2022 13:00	19.22	0	1.67	3.78	3.14	14.67	491698.8	40.34	0.010376	0.004717	0.000000	0.000873	0.271177	40.7	3.74	7.41	
62/2022 14:00	14.74	0	1.72	3.88	3.11	14.64	505844.1	40.78	0.010428	0.004643	0.000000	0.000870	0.274181	52.73	3.82	8.91	
62/2022 15:00	14.67	0	1.69	3.8	3.58	14.72	492641.7	39.7	0.010326	0.004330	0.000000	0.000746	0.268130	39.1	3.84	7.3	
62/2022 16:00	19.2	0	1.74	3.93	2.74	14.77	498911.4	40.53	0.010326	0.004330	0.000000	0.000925	0.274724	37.26	4.21	8.87	
62/2022 17:00	18.38	0	1.5	3.4	3.27	14.75	481192.4	39.25	0.017910	0.0074872	0.000000	0.000737	0.264635	43.79	3.7	6.15	
62/2022 18:00	18.52	0	1.5	3.52	3.15	14.75	481068	39.11	0.010326	0.004330	0.000000	0.000925	0.274724	37.26	4.21	8.87	
62/2022 19:00	16.11	0	1.93	4.38	4.33	14.8	48798.5	38.52	0.014724	0.008029	0.000000	0.000938	0.260449	36.73	4.41	9.87	
62/2022 20:00	18.45	0	1.75	3.98	3.83	14.81	485953.5	39.35	0.010896	0.0047324	0.000000	0.000846	0.270793	37.24	4.4	8.97	
62/2022 21:00	18.92	0	1.93	3.98	3.97	14.81	484593.8	38.36	0.010872	0.0047324	0.000000	0.000846	0.270793	37.24	4.4	8.97	
62/2022 22:00	11.76	4.26	1.63	3.68	88.79	15.78	390484.6	28.51	0.008646	0.0049878	0.0040434	0.000817	0.000636	0.178827	32.86	0.85	4.13
62/2022 23:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 0:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 1:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 2:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 3:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 4:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 5:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 6:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 7:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 8:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 9:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 10:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 11:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 12:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 13:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 14:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 15:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 16:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 17:00	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	ShutDown	
63/2022 18:00	13.2	0	1.58	3.53	3.81	14.84	485689.1	38.67	0.011665	0.0042236	0.000000	0.000726	0.267786	39.3	3.59	8.74	
63/2022 19:00	13.09	0	1.48	3.48	4.03	14.8	485611.4	38.07	0.011665	0.0042236	0.000000	0.000726	0.267786	39.3	3.59	8.74	
63/2022 20:00	13.06	0.14	1.51	3.43	20.04	14.9	48008.5	35.16	0.011934	0.004090	0.0001688	0.000895	0.192972	30.18	0.38	5.51	
63/2022 21:00	ShutDown	ShutDown	ShutDown	ShutDown													

Actual Operating Condition										Emission Loading				Emission Concentration for Standardization Comparison					
Date & Time	NOX	SOX	DUST	OPACITY		DO	O2	FLOW @1 ATM m3/sec	GTGH_LOAD MW	NOx (g/s)	SOx		Dust (g/s)	HRSGL_Nox@740C ppm		HRSGL_SO4@740C ppm		HRSGL_Dust@740C ppm	
				mg/m3	%						ton	g/s		ton	g/s	ton	g/s	ton	g/s
6/7/2022 10:59	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:00	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:01	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:02	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:03	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:04	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:05	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:06	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:07	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:08	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:09	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:10	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:11	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:12	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:13	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:14	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:15	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:16	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:17	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.69	0	0.71	10.4		
6/7/2022 11:18	16.71	0	2.53	5.86	46.1	14.74	69.1417	40.01	0.015598	0.332709	0	0.001255	0.348974	37.					

[illegible]

Site Name: GULF NC
Stack Name: HRSO STACK12
Periodicity: 01/06/2021 00:00 - 30/06/2021 23:59

Date & Time	Actual Operation Condition										Emission Loading										Emission Concentration for Standardization Comparison					
	NOx		SOx		DUST		OPACITY		CO		O2		FLOW @ ATM		GTG11_LOAD		NOx		SOx		Dust		HRSO1_NOx@7%O2		HRSO1_SOx@7%O2	
	mg/m3		mg/m3		mg/m3		%		%		%		m3/s		MW		ppm		ppm		ppm		ppm		ppm	
	mg/m3		mg/m3		mg/m3		%		%		%		m3/s		MW		ppm		ppm		ppm		ppm		ppm	
6/26/2022 14:56	16.58	0.58	1.55	3.5	3.5	3.31	40.088.1	38.06	0.019388	4.274447	0.0007133	0.201139	0.000747	0.2019329	38.74	1.32	3.53	7.55								
6/26/2022 14:59	17.05	0.59	1.41	3.2	3.31	14.81	461350.6	38.05	0.019441	4.288062	0.0007434	0.206496	0.000679	0.1885299	38.84	1.35	3.22	7.57								
6/26/2022 15:00	16.82	0.6	1.47	3.33	3.85	14.76	487.894.3	40.13	0.019553	4.320244	0.0007012	0.210995	0.000731	0.2031027	37.81	1.37	3.32	8.25								
6/26/2022 15:03	17.33	0.62	1.67	3.77	3.49	14.51	573165.9	49.8	0.019588	5.191052	0.0009302	0.255387	0.000987	0.2658953	37.89	1.34	3.63	7.59								
6/26/2022 15:05	17.45	0.63	1.58	3.56	3.59	14.5	575566.6	49.51	0.019586	5.248890	0.0009492	0.263654	0.000909	0.2526098	37.9	1.38	3.42	7.79								
6/27/2022 14:56	17.42	0.62	1.69	3.62	3.64	14.49	575583.7	49.78	0.018773	5.241639	0.0010087	0.260154	0.001054	0.2642724	37.81	1.4	3.68	7.89								
6/27/2022 14:59	17.35	0.67	2.18	4.9	3.7	14.49	575128.8	49.77	0.018864	5.240052	0.0009735	0.272302	0.000973	0.2702694	37.8	1.45	4.73	8.02								
6/27/2022 15:00	17.44	0.68	1.95	4.4	3.62	14.48	575151.2	49.71	0.018873	5.242481	0.0010238	0.264394	0.001122	0.2116819	37.75	1.49	4.23	7.85								
6/27/2022 15:03	17.07	0.68	1.76	3.97	3.95	14.48	575822.6	49.74	0.019493	5.336871	0.0010249	0.264706	0.001013	0.2301513	36.98	1.47	3.81	8.05								
6/27/2022 15:05	16.99	0.68	1.67	3.78	4.03	14.47	576249.3	49.82	0.018426	5.116586	0.0010287	0.268817	0.000862	0.2673156	36.76	1.46	3.62	8.72								
6/27/2022 15:09	16.34	0.68	1.73	3.9	4.53	14.49	576305.3	49.63	0.017725	4.923023	0.0010262	0.265643	0.000907	0.2770428	35.42	1.48	3.74	8.92								
6/27/2022 15:16	15.87	0.61	1.66	3.73	3.66	14.47	572819.8	49.63	0.017545	4.800504	0.0009146	0.254086	0.000945	0.2625420	35.4	1.35	3.58	7.8								
6/27/2022 15:19	15.83	0.53	1.81	4.09	3.77	14.5	565468.9	48.45	0.018441	4.678083	0.0007845	0.217913	0.001023	0.2843052	34.38	1.14	3.94	8.18								
6/27/2022 15:25	16.64	0.5	2.01	4.51	3.31	14.49	561071.1	48.09	0.017565	4.971932	0.0007343	0.203999	0.001138	0.3112649	36.08	1.08	4.35	7.17								
6/27/2022 15:29	16.07	0.45	2.01	4.53	3.21	14.49	566332.5	47.6	0.017448	4.846704	0.0005553	0.192031	0.001118	0.3106190	36.13	0.98	4.37	6.96								
6/27/2022 15:39	16.51	0.48	1.97	4.43	3.1	14.48	553471	47.28	0.017192	4.717495	0.0005664	0.195119	0.001090	0.3028716	35.75	1.01	4.26	6.71								
6/27/2022 11:59	16.4	0.4	1.95	4.38	2.85	14.51	569493.6	46.72	0.018068	4.711497	0.0005708	0.195949	0.001072	0.2970994	35.66	0.86	4.23	6.2								
6/27/2022 12:59	15.9	0.36	1.9	4.28	2.54	14.5	550450.2	46.82	0.016466	4.573952	0.0005187	0.144885	0.001046	0.2905154	34.56	0.79	4.13	5.52								
6/27/2022 13:59	15.78	0.37	2.11	4.73	2.5	14.5	549545.1	46.71	0.016268	4.519248	0.0005018	0.147708	0.001138	0.3218014	34.71	0.81	4.57	5.42								
6/27/2022 14:59	15.52	0.4	1.95	4.39	2.42	14.5	559431.9	46.7	0.016543	4.663178	0.0005733	0.199796	0.001071	0.2971608	35.7	0.87	4.23	5.26								
6/27/2022 15:59	15.63	0.4	1.96	4.41	2.55	14.5	569471.7	46.58	0.016168	4.488289	0.0005733	0.199810	0.001077	0.2991568	33.95	0.88	4.26	5.53								
6/27/2022 16:59	16.26	0.43	1.93	4.35	2.47	14.51	550570.4	46.77	0.016543	4.673877	0.0005187	0.172141	0.001063	0.2901696	35.38	0.93	4.27	6.0								
6/27/2022 17:59	13.23	0.47	1.9	4.29	4.81	14.77	494264.4	38.6	0.012207	3.930862	0.0006034	0.167599	0.000932	0.2688362	29.82	1.07	4.31	10.94								
6/27/2022 18:59	12.66	0.51	1.69	3.82	4.65	14.87	457602.3	35.05	0.010388	3.027589	0.0004019	0.159849	0.000773	0.2148189	29.18	1.17	3.41	10.72								
6/27/2022 19:59	12.65	0.53	1.69	3.75	4.63	14.88	497467.1	35.09	0.010388	3.024512	0.0004019	0.170304	0.000769	0.2109070	29.23	1.22	3.84	10.69								
6/27/2022 20:59	12.77	0.55	1.9	4.29	4.67	14.9	493001.8	35.26	0.011028	3.063245	0.0004608	0.183559	0.000872	0.2422210	29.67	1.27	4.3	10.5								
6/27/2022 21:59	16.07	0.56	2.14	4.8	3.8	14.58	569493.6	46.72	0.016533	4.692496	0.0005716	0.222599	0.001170	0.3235994	35.7	0.94	4.74	8.45								
6/27/2022 22:59	15.71	0.56	1.97	4.42	3.81	14.82	558352.1	47.57	0.016503	4.584711	0.0005185	0.227300	0.001100	0.3055427	34.8	1.24	4.38	8.44								
6/27/2022 23:59	15.82	0.59	1.83	4.13	3.91	14.65	560716.6	47.62	0.016889	4.639334	0.0005660	0.240545	0.001026	0.2980320	35.16	1.32	4.07	8.69								
6/28/2022 00:59	14.61	0.51	2.14	5.72	5.27	14.67	514467.1	47.73	0.015521	3.911463	0.0004608	0.246346	0.001186	0.3235919	35.58	1.33	4.69	11.78								
6/28/2022 01:59	14.12	0.62	1.84	4.15	5.85	14.68	565309.6	47.74	0.015018	4.171581	0.0004714	0.254845	0.001040	0.2889389	31.45	1.37	4.41	13.02								
6/28/2022 02:59	14.63	0.63	1.7	3.94	5.5	14.65	563981.1	47.74	0.015264	4.112088	0.0004901	0.263549	0.000909	0.2863298	35.53	1.4	3.79	11.78								
6/28/2022 03:59	14.54	0.64	1.55	3.74	4.81	14.63	564652.6	48.53	0.015886	4.11098	0.0004956	0.265905	0.000932	0.2858119	33.13	1.11	3.85	10.85								
6/28/2022 04:59	15.06	0.62	1.7	3.83	4.62	14.62	565275.4	48.09	0.016016	4.448891	0.0004714	0.264330	0.000861	0.2883356	33.31	1.37	3.75	10.23								
6/28/2022 05:59	15.07	0.61	1.62	3.72	4.62	14.62	568841.6	48.07	0.016016	4.448891	0.0004714	0.264330	0.000861	0.2883356	33.31	1.37	3.75	10.23								
6/28/2022 06:59	15.06	0.61	1.75	3.94	3.65	14.52	572420.7	49.53	0.017790	4.638988	0.0004714	0.263883	0.001002	0.2782601	35.95	1.32	3.81	7.73								
6/28/2022 07:59	16.12	0.6	1.94	4.38	3.27	14.51	571153.4	49.08	0.017322	4.641177	0.0004714	0.264918	0.001108	0.3077936	35.03	1.31	4.21	7.12								
6/28/2022 08:59	16.4	0.56	2.33	4.28	4.36	14.62	569251.7	48.8	0.017322	4.641177	0.0004714	0.264918	0.001108	0.3077936	35.03	1.31	4.21	7.12								
6/28/2022 09:59	17.7	0.56	1.84	4.15	4.74	14.67	565552.2	49.89	0.018595	4.688147	0.0007397	0.295846	0.000929	0.2973749	35.51	1.26	4.07	10.59								
6/28/2022 10:59	17.87	0.48	1.58	3.56	4.2	14.68	497905.1	40.05	0.016874	4.607369	0.0005662	0.174499	0.000865	0.2462553	35.8	1.42	3.88	14.4								
6/28/2022 11:59	17.87	0.48	1.58	3.56	4.2	14.68	497905.1	40.05	0.016874	4.607369	0.0005662	0.174499	0.000865	0.2462553	35.8	1.42	3.88	14.4								
6/28/2022 12:59	17.76	0.64	1.42	3.22	4.21	14.69	487495.7	40.01	0.016874	4.607369	0.0005662	0.174499	0.000865	0.2462553	35.8	1.42	3.88	14.4								
6/28/2022 13:59	17.73	0.64	1.42	3.22	4.21	14.69	487495.7	40.01	0.016874	4.607369	0.0005662	0.174499	0.000865	0.2462553	35.8	1.42	3.88	14.4								
6/28/2022 14:59	18.1	0.45	1.74	3.92	3.73	14.72	484193.3	49.62	0.016829	4.616629	0.0005662	0.161699	0.000860	0.2388601	40.73	1.01	3.9									
6/28/2022 15:59	17.61	0.46	1.53	3.47	3.78	14.73	493489.5	39.54	0.016699	4.462105	0.0005953	0.163538	0.000726	0.2101155	40.33	1.04	3.45	8.59								