

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark	
	NOX	SOX	DUST	OPACITY	CO		O2	FLOW @ 1 ATM 25C		GUT11_LOAD		NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)		HRSG11_CO@7%O2
	ppm	ppm	mg/m3	%	ppm	%	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm			
11-Jan-22 13:00:00	14.756	0.337	2.936	3.094	89.090	14.776	1572640.503	164.622	0.043660	12.127738	0.00138645	0.385124954	0.004618	1.2827282	33.329	0.774	2.936	33.329	0.774	2.936	201.173	
11-Jan-22 14:00:00	13.734	0.444	2.394	2.555	129.263	14.521	1510981.323	154.521	0.039043	10.845324	0.001755643	0.48767865	0.003617	1.0047802	31.367	1.014	2.394	31.367	1.014	2.394	295.333	
11-Jan-22 15:00:00	14.604	0.390	2.774	2.935	124.953	14.826	1555848.633	159.125	0.042748	11.874319	0.00158665	0.440736107	0.004316	1.1989902	33.261	0.887	2.774	33.261	0.887	2.774	284.601	
11-Jan-22 16:00:00	14.297	0.324	2.521	2.669	125.369	14.852	1485464.722	157.663	0.039956	11.098756	0.001259085	0.349745764	0.003745	1.0403954	32.673	0.740	2.521	32.673	0.740	2.521	291.367	
11-Jan-22 17:00:00	15.460	0.375	2.654	2.813	103.302	14.804	1529801.758	163.463	0.044497	12.360309	0.001503268	0.417574469	0.004061	1.1279737	35.054	0.854	2.654	35.054	0.854	2.654	234.063	
11-Jan-22 18:00:00	13.746	0.369	2.310	2.468	161.355	14.851	1510699.097	155.047	0.039069	10.852523	0.001459188	0.405330103	0.003490	0.9694131	31.425	0.828	2.310	31.425	0.828	2.310	369.212	
11-Jan-22 19:00:00	13.943	0.325	2.845	2.992	147.899	14.813	1455768.433	161.188	0.038188	10.607814	0.001237975	0.343881987	0.004142	1.1504457	31.706	0.738	2.845	31.706	0.738	2.845	336.420	
11-Jan-22 20:00:00	13.757	0.300	2.916	3.050	152.496	14.808	1500552.124	155.181	0.038838	10.788209	0.001178586	0.327384886	0.004376	1.2154942	31.247	0.682	2.916	31.247	0.682	2.916	346.609	
11-Jan-22 21:00:00	20.737	0.392	2.904	3.043	21.128	14.506	1753259.155	210.763	0.068403	19.000744	0.001797795	0.499387403	0.005092	1.4143229	45.240	0.843	2.904	45.240	0.843	2.904	46.486	
11-Jan-22 22:00:00	19.938	0.322	2.508	2.634	26.010	14.552	1818633.057	213.812	0.068218	18.949537	0.001533235	0.42589869	0.004561	1.2669487	43.481	0.706	2.508	43.481	0.706	2.508	56.245	
11-Jan-22 23:00:00	20.750	0.347	3.035	3.195	25.142	14.449	1796851.807	215.274	0.070146	19.484867	0.00163143	0.453175111	0.005454	1.5149883	44.507	0.736	3.035	44.507	0.736	3.035	53.802	
12-Jan-22 00:00:00	22.910	0.466	3.031	3.186	14.525	14.456	1767071.045	212.580	0.076167	21.157497	0.00215532	0.598700069	0.005357	1.4879353	49.215	0.989	3.031	49.215	0.989	3.031	31.112	
12-Jan-22 01:00:00	20.807	0.375	3.315	3.457	21.822	14.505	1733798.340	206.386	0.067871	18.852952	0.001701837	0.472723249	0.005747	1.5963657	45.042	0.812	3.315	45.042	0.812	3.315	47.423	
12-Jan-22 02:00:00	20.531	0.368	2.966	3.138	26.735	14.456	1741213.501	201.298	0.067259	18.683013	0.00167259	0.465747164	0.005165	1.4347464	44.283	0.788	2.966	44.283	0.788	2.966	57.768	
12-Jan-22 03:00:00	20.294	0.331	2.875	3.043	29.441	14.475	1750492.554	209.166	0.066836	18.565542	0.001515358	0.420932727	0.005033	1.3980452	43.713	0.711	2.875	43.713	0.711	2.875	63.547	
12-Jan-22 04:00:00	14.057	0.362	2.794	2.959	141.790	14.686	1493908.936	159.576	0.039510	10.975044	0.001415177	0.393269579	0.004174	1.1593607	31.308	0.816	2.794	31.308	0.816	2.794	316.222	
12-Jan-22 05:00:00	20.978	0.270	2.893	3.063	25.284	14.432	105984.741	220.702	0.071279	19.799818	0.001277379	0.354827492	0.005225	1.4513418	44.893	0.578	2.893	44.893	0.578	2.893	53.971	
12-Jan-22 06:00:00	19.335	0.359	3.164	3.324	32.736	14.521	1794850.586	217.891	0.065289	18.135934	0.001688922	0.469144863	0.005678	1.5772384	41.971	0.761	3.164	41.971	0.761	3.164	71.251	
12-Jan-22 07:00:00	21.539	0.341	3.245	3.415	18.480	14.454	1748301.270	217.048	0.070846	19.679410	0.001559305	0.43314032	0.005674	1.5760221	46.437	0.731	3.245	46.437	0.731	3.245	39.715	
12-Jan-22 08:00:00	20.288	0.355	2.771	2.933	29.955	14.509	1788408.447	214.224	0.068263	18.961843	0.001660958	0.461377327	0.004955	1.3763787	43.950	0.784	2.771	43.950	0.784	2.771	64.783	
12-Jan-22 09:00:00	21.598	0.348	2.996	3.148	21.322	14.478	1787197.998	215.890	0.072621	20.172378	0.001630273	0.452853624	0.005355	1.4875549	46.558	0.757	2.996	46.558	0.757	2.996	45.803	
12-Jan-22 10:00:00	20.447	0.308	2.933	3.091	23.852	14.509	1803371.704	218.494	0.069374	19.270549	0.001452558	0.403488205	0.005290	1.4693387	44.281	0.666	2.933	44.281	0.666	2.933	51.556	
12-Jan-22 11:00:00	19.322	0.351	2.903	3.027	26.265	14.533	1779901.367	206.611	0.064703	17.972949	0.001634433	0.454009279	0.005168	1.4354582	41.920	0.733	2.903	41.920	0.733	2.903	56.981	
12-Jan-22 12:00:00	20.420	0.338	2.395	2.557	19.085	14.515	1809661.011	211.231	0.069524	19.312261	0.001603104	0.445306796	0.004335	1.2041719	44.278	0.734	2.395	44.278	0.734	2.395	41.240	
12-Jan-22 13:00:00	20.943	0.332	2.522	2.680	17.239	14.507	1851489.990	218.974	0.072951	20.264060	0.001608973	0.446933691	0.004669	1.2969466	45.324	0.719	2.522	45.324	0.719	2.522	37.571	
12-Jan-22 14:00:00	20.738	0.358	2.306	2.459	16.653	14.588	1779510.010	208.988	0.069430	19.286099	0.001666188	0.462829942	0.004103	1.1398503	45.484	0.785	2.306	45.484	0.785	2.306	36.572	
12-Jan-22 15:00:00	20.514	0.475	2.247	2.399	17.719	14.568	1781329.346	215.052	0.068751	19.097431	0.002212882	0.614689315	0.004002	1.1116330	44.833	1.035	2.247	44.833	1.035	2.247	38.831	
12-Jan-22 16:00:00	22.149	0.364	2.331	2.464	13.099	14.545	1823002.386	215.050	0.075967	21.102076	0.001736794	0.482442745	0.004250	1.1806473	48.235	0.792	2.331	48.235	0.792	2.331	28.045	
12-Jan-22 17:00:00	22.202	0.447	2.165	2.319	15.123	14.540	1784657.837	210.192	0.074545	20.707003	0.002089202	0.580333903	0.003864	1.0734219	48.258	0.964	2.165	48.258	0.964	2.165	32.646	
12-Jan-22 18:00:00	22.340	0.305	2.244	2.414	13.772	14.533	1774156.128	215.543	0.074567	20.713153	0.001416753	0.393542367	0.003982	1.1060743	48.561	0.663	2.244	48.561	0.663	2.244	31.055	
12-Jan-22 19:00:00	21.185	0.308	2.375	2.547	20.215	14.513	1791805.054	218.361	0.071416	19.837740	0.001446287	0.401746322	0.004256	1.1821185	45.899	0.662	2.375	45.899	0.662	2.375	43.633	
12-Jan-22 20:00:00	22.435	0.343	2.580	2.729	14.429	14.491	1809067.505	215.976	0.076359	21.210957	0.001623354	0.450931536	0.004668	1.2967133	48.476	0.737	2.580	48.476	0.737	2.580	31.066	
12-Jan-22 21:00:00	20.284	0.343	2.843	2.998	24.811	14.526	1789347.534	215.046	0.068287	18.968487	0.001605991	0.446108731	0.005088	1.4312932	44.049	0.755	2.843	44.049	0.755	2.843	54.162	
12-Jan-22 22:00:00	13.795	0.382	2.784	2.931	155.052	14.727	1464728.882	159.872	0.038016	10.599940	0.001464214	0.406726031	0.004077	1.1325585	30.926	0.855	2.784	30.926	0.855	2.784	347.934	
12-Jan-22 23:00:00	13.439	0.432	2.894	3.022	179.167	14.737	1511192.017	159.438	0.0382													

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	NOX	SOX	DUST	OPACITY	CO	O ₂	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O ₂	HRSG11_SOx@7%O ₂	HRSG11_Dust (7%O ₂)	HRSG11_CO@7%O ₂	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Jan-22 01:00:00	20.269	0.533	2.817	2.980	22.310	14.481	1753241.089	210.316	0.066589	18.572024	0.002444538	0.679038462	0.004938	1.3717632	43.713	1.149	2.817	48.021	
15-Jan-22 02:00:00	21.866	0.360	2.963	3.122	16.842	14.420	1788064.143	221.711	0.073558	20.432715	0.001683285	0.467579046	0.005297	1.4714135	46.761	0.766	2.963	35.867	
15-Jan-22 03:00:00	20.696	0.380	2.904	3.066	23.352	14.484	1781289.307	220.984	0.069358	19.266093	0.001774118	0.492810474	0.005173	1.4368951	44.656	0.813	2.904	50.638	
15-Jan-22 04:00:00	22.645	0.478	2.973	3.161	15.676	14.442	1809467.651	216.781	0.077092	21.414355	0.002262669	0.628519072	0.005380	1.4944682	48.555	1.024	2.973	33.364	
15-Jan-22 05:00:00	20.845	0.464	2.990	3.161	24.422	14.493	1806662.720	219.485	0.070854	19.681602	0.002192487	0.609024108	0.005401	1.5003858	45.010	1.007	2.990	52.763	
15-Jan-22 06:00:00	20.145	0.375	3.086	3.250	26.574	14.498	1817894.043	222.731	0.068900	19.138979	0.001783722	0.495478288	0.005609	1.5581244	43.565	0.811	3.086	57.522	
15-Jan-22 07:00:00	20.081	0.431	2.831	3.000	32.809	14.515	1783897.705	217.939	0.067396	18.721200	0.002011121	0.558644851	0.005050	1.4028042	43.638	0.934	2.831	70.886	
15-Jan-22 08:00:00	22.432	0.383	2.849	3.036	16.448	14.448	1854656.372	222.679	0.078271	21.742061	0.001857092	0.515855891	0.005283	1.4675781	48.199	0.833	2.849	34.810	
15-Jan-22 09:00:00	21.139	0.370	3.077	3.242	20.893	14.504	1817038.574	219.670	0.072266	20.074019	0.001758159	0.48837738	0.005592	1.5532013	45.758	0.803	3.077	44.994	
15-Jan-22 10:00:00	21.972	0.400	2.702	2.858	17.046	14.517	1861375.854	222.339	0.076946	21.373819	0.001947221	0.540894836	0.005029	1.3965959	47.639	0.865	2.702	37.161	
15-Jan-22 11:00:00	21.638	0.410	2.777	2.931	14.803	14.543	1804199.829	220.128	0.073447	20.402067	0.001934263	0.537295412	0.005010	1.3917480	47.126	0.892	2.777	32.238	
15-Jan-22 12:00:00	23.427	0.450	2.297	2.465	10.790	14.528	1764527.100	209.079	0.077771	21.602945	0.002077176	0.57699339	0.004053	1.1257433	50.893	0.977	2.297	23.439	
15-Jan-22 13:00:00	22.260	0.440	2.446	2.605	9.849	14.519	1785426.392	212.877	0.074773	20.770392	0.002055031	0.570841937	0.004368	1.2133412	48.270	0.954	2.446	21.449	
15-Jan-22 14:00:00	23.351	0.415	2.274	2.438	9.412	14.555	1767576.050	209.663	0.077654	21.570542	0.001919939	0.533316409	0.004020	1.1166243	50.930	0.906	2.274	20.487	
15-Jan-22 15:00:00	22.154	0.450	2.405	2.562	11.395	14.581	1763867.310	220.056	0.073518	20.421535	0.0020786	0.577388774	0.004423	1.1785806	48.518	0.986	2.405	25.188	
15-Jan-22 16:00:00	21.534	0.458	2.188	2.339	13.413	14.577	1800990.234	214.828	0.072966	20.268312	0.002158764	0.599656756	0.003941	1.0946502	47.132	1.002	2.188	29.013	
15-Jan-22 17:00:00	22.397	0.583	2.296	2.452	11.682	14.535	1825262.939	216.775	0.076913	21.364677	0.002783727	0.773257532	0.004191	1.1641066	48.711	1.283	2.296	25.615	
15-Jan-22 18:00:00	21.618	0.442	2.203	2.354	13.119	14.542	1787830.566	216.146	0.072716	20.198847	0.002069718	0.574921717	0.003938	1.0939635	47.063	0.964	2.203	28.536	
15-Jan-22 19:00:00	22.377	0.391	2.976	3.140	11.074	14.497	1764068.848	218.850	0.074266	20.629507	0.001803387	0.500940788	0.005250	1.4582944	48.376	0.844	2.976	24.151	
15-Jan-22 20:00:00	21.015	0.313	2.960	3.108	17.974	14.547	1780856.934	217.521	0.070409	19.558135	0.001459142	0.405317286	0.005271	1.4642431	45.785	0.674	2.960	39.453	
15-Jan-22 21:00:00	21.715	0.461	2.403	2.551	14.255	14.518	1838922.729	224.526	0.075127	20.868568	0.002220345	0.616762526	0.004419	1.2274082	47.096	1.000	2.403	30.929	
15-Jan-22 22:00:00	21.809	0.387	2.466	2.627	16.381	14.507	1871923.828	210.944	0.073116	20.309956	0.001803745	0.501040347	0.004394	1.2204537	47.177	0.836	2.466	35.630	
15-Jan-22 23:00:00	19.909	0.444	3.184	3.348	24.163	14.501	1802690.186	216.243	0.067522	18.755997	0.002095992	0.582219983	0.005739	1.5942290	43.434	0.960	3.184	53.140	
16-Jan-22 00:00:00	20.489	0.427	3.240	3.400	22.181	14.503	1827756.348	218.339	0.070457	19.571330	0.002042675	0.567409818	0.005921	1.6447276	44.335	0.923	3.240	47.875	
16-Jan-22 01:00:00	21.429	0.360	2.806	2.968	17.824	14.460	1804557.861	217.475	0.072752	20.208884	0.001699177	0.471993649	0.005064	1.4667976	46.057	0.773	2.806	38.360	
16-Jan-22 02:00:00	14.671	0.436	2.809	2.972	126.382	14.684	1532193.359	161.173	0.042293	11.748016	0.001750064	0.486128983	0.004304	1.1954481	32.824	0.972	2.809	288.290	
16-Jan-22 03:00:00	15.807	0.362	2.925	3.138	98.214	14.599	1536944.458	161.753	0.045707	12.696502	0.001458045	0.40501257	0.004495	1.2486903	34.697	0.734	2.925	217.998	
16-Jan-22 04:00:00	15.221	0.290	3.060	3.240	107.076	14.580	1495669.556	156.679	0.042830	11.897138	0.001136989	0.315830227	0.004577	1.2714630	33.098	0.636	3.060	227.084	
16-Jan-22 05:00:00	16.371	0.383	3.252	3.415	86.532	14.586	1524508.789	164.865	0.046956	13.043299	0.00152769	0.424358405	0.004957	1.3769725	35.887	0.839	3.252	189.699	
16-Jan-22 06:00:00	13.691	0.324	3.124	3.275	163.028	14.719	1534114.624	165.426	0.039516	10.976576	0.001300796	0.361332333	0.004792	1.3312120	30.650	0.720	3.124	365.375	
16-Jan-22 07:00:00	15.417	0.289	3.246	3.432	108.485	14.614	1505758.423	166.022	0.043676	12.132098	0.001140554	0.316820565	0.004887	1.3575512	33.918	0.639	3.246	239.414	
16-Jan-22 08:00:00	13.535	0.277	3.145	3.350	187.473	14.723	1483268.188	156.885	0.037770	10.491606	0.001077312	0.299253257	0.004665	1.2959623	30.096	0.621	3.145	417.348	
16-Jan-22 09:00:00	13.357	0.331	3.152	3.314	185.675	14.729	1472799.316	157.235	0.037012	10.281071	0.001275264	0.354239861	0.004642	1.2893350	29.938	0.742	3.152	416.334	
16-Jan-22 10:00:00	13.067	0.250	3.211	3.362	179.408	14.772	1508339.111	160.579	0.037080	10.300447	0.000985126	0.27364601	0.004844	1.3454520	29.502	0.564	3.211	405.154	
16-Jan-22 11:00:00	13.303	0.355	3.034	3.191	170.176	14.806	1515207.520	157.994	0.037922	10.533905	0.001409538	0.391538251	0.004597	1.2769996	30.217	0.800	3.034	386.496	
16-Jan-22 12:00:00	14.197	0.299	2.874	3.035	126.866	14.728	1494796.753	157.873	0.039925	11.090229	0.001170496	0.32513773	0.004296	1.1934078	31.826	0.671	2.874	284.468	
16-Jan-22 13:00:00	15.167	0.340	2.811	2.968	108.829	14.738	1541466.553	161.204	0.043966	12.218525	0.001371114	0.380865062	0.004333	1.2036503	34.060	0.784	2.811	244.229	
16-Jan-22 14:00:00	13.134	0.335	2.524	2.682	174.414	14.868	1481208.130	153.728</											

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Stack Name: HRSG_STACK11
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2			
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm			
18-Jan-22 13:00:00	22.101	0.362	2.183	2.324	12.656	14.535	1820034.912	213.151	0.075679	21.021822	0.001723266	0.478684988	0.003972	1.1034313	48.037	0.824	2.183	28.283			
18-Jan-22 14:00:00	23.380	0.390	2.126	2.287	8.943	14.537	1810712.280	216.673	0.079648	22.124512	0.001848517	0.513476822	0.003850	1.0694367	50.861	0.874	2.126	19.498			
18-Jan-22 15:00:00	21.378	0.310	2.256	2.428	13.303	14.597	1775211.304	217.637	0.071398	19.832779	0.001442808	0.400780011	0.004005	1.1125469	46.939	0.682	2.256	29.005			
18-Jan-22 16:00:00	21.456	0.437	2.236	2.403	13.703	14.571	1811679.565	211.441	0.073133	20.314758	0.002072322	0.575645011	0.004051	1.1252276	46.933	0.954	2.236	30.101			
18-Jan-22 17:00:00	21.336	0.435	2.351	2.498	15.064	14.589	1779888.037	212.019	0.071332	19.814386	0.00202292	0.56192221	0.004179	1.1607091	46.792	0.954	2.351	33.291			
18-Jan-22 18:00:00	22.193	0.348	2.435	2.593	12.067	14.547	1764847.778	212.314	0.073688	20.468753	0.001607759	0.446599728	0.004297	1.1934815	48.348	0.751	2.435	26.202			
18-Jan-22 19:00:00	22.468	0.378	2.287	2.432	11.962	14.475	1811300.415	211.951	0.076567	21.268643	0.001790862	0.497461592	0.004143	1.1508106	48.429	0.814	2.287	25.448			
18-Jan-22 20:00:00	21.464	0.341	2.560	2.679	15.449	14.552	1737551.025	215.087	0.070166	19.490593	0.00155014	0.430594504	0.004449	1.2357880	46.803	0.744	2.560	33.375			
18-Jan-22 21:00:00	20.257	0.354	2.468	2.622	21.665	14.558	1754147.095	211.126	0.066852	18.570099	0.001627593	0.452109058	0.004329	1.2025110	44.206	0.774	2.468	47.531			
18-Jan-22 22:00:00	20.722	0.392	2.946	3.103	26.307	14.521	1781654.663	214.470	0.069459	19.294270	0.001826615	0.507392936	0.005249	1.4581282	44.955	0.849	2.946	57.166			
18-Jan-22 23:00:00	20.975	0.332	2.647	2.814	21.213	14.522	1846473.267	218.725	0.072867	20.240743	0.001606259	0.446182937	0.004888	1.3578260	45.520	0.719	2.647	45.727			
19-Jan-22 00:00:00	22.952	0.392	2.999	3.173	14.142	14.490	1812669.678	221.793	0.078275	21.743177	0.001859863	0.516628672	0.005435	1.5098153	49.567	0.847	2.999	30.473			
19-Jan-22 01:00:00	21.917	0.319	3.150	3.298	16.252	14.509	1800530.762	212.090	0.074244	20.623436	0.001502663	0.417406263	0.005672	1.5755259	47.466	0.676	3.150	35.255			
19-Jan-22 02:00:00	21.724	0.347	3.253	3.421	21.312	14.514	1811146.973	219.209	0.074025	20.562479	0.001645066	0.456962646	0.005892	1.6366182	47.094	0.752	3.253	46.107			
19-Jan-22 03:00:00	22.265	0.430	2.942	3.100	16.722	14.456	1748688.843	217.476	0.073252	20.347823	0.001967806	0.5466112713	0.005144	1.4288453	47.708	0.922	2.942	35.496			
19-Jan-22 04:00:00	23.080	0.399	3.108	3.266	15.158	14.491	1818829.224	223.175	0.078977	21.937919	0.001901512	0.52819783	0.005652	1.5700705	49.948	0.874	3.108	32.505			
19-Jan-22 05:00:00	20.590	0.390	3.008	3.070	23.063	14.552	1826191.895	222.173	0.070741	19.650350	0.001864348	0.517874522	0.005492	1.5256747	44.874	0.850	3.008	50.746			
19-Jan-22 06:00:00	22.411	0.416	2.953	3.212	17.946	14.502	1768279.297	221.680	0.074558	20.710563	0.001927361	0.535378152	0.005221	1.4502904	48.482	0.911	2.953	39.078			
19-Jan-22 07:00:00	21.749	0.378	3.446	3.705	25.673	14.541	1760397.339	224.910	0.072031	20.008689	0.001740481	0.483466943	0.006067	1.6852777	47.095	0.822	3.446	55.298			
19-Jan-22 08:00:00	22.798	0.393	2.929	3.090	15.403	14.466	1773593.506	214.949	0.076072	21.131118	0.00182543	0.507063753	0.005195	1.4428793	49.043	0.840	2.929	33.018			
19-Jan-22 09:00:00	22.492	0.319	2.925	3.094	15.944	14.487	1763682.007	214.741	0.074631	20.730890	0.001474597	0.409610275	0.005159	1.4331757	48.576	0.689	2.925	34.402			
19-Jan-22 10:00:00	22.586	0.372	4.100	4.305	17.102	14.527	1783688.477	219.415	0.075794	21.053751	0.001735072	0.481964546	0.007313	2.0313296	48.832	0.805	4.100	35.901			
19-Jan-22 11:00:00	22.644	0.385	2.883	3.041	16.035	14.497	1796174.805	211.049	0.076520	21.255494	0.001809288	0.502580034	0.005179	1.4386324	48.964	0.864	2.883	34.521			
19-Jan-22 12:00:00	20.330	0.370	2.836	3.005	23.844	14.575	1776999.512	218.336	0.067969	18.880352	0.001720275	0.477854252	0.005039	1.3996624	44.732	0.801	2.836	52.336			
19-Jan-22 13:00:00	22.826	0.266	2.332	2.491	12.153	14.491	1790702.026	215.476	0.076900	21.361067	0.001246004	0.3461112299	0.004176	1.1599545	49.301	0.574	2.332	26.104			
19-Jan-22 14:00:00	22.726	0.338	2.193	2.340	11.627	14.521	1790976.929	210.683	0.076574	21.270687	0.001585473	0.440409286	0.003927	1.0908577	49.303	0.724	2.193	24.975			
19-Jan-22 15:00:00	21.470	0.444	2.253	2.397	13.780	14.570	1739458.130	213.902	0.070263	19.517560	0.00202076	0.561322284	0.003919	1.0887318	46.895	0.967	2.253	29.925			
19-Jan-22 16:00:00	22.053	0.426	2.179	2.337	11.780	14.497	1777896.118	210.222	0.073766	20.490577	0.001982708	0.550752279	0.003873	1.0759695	47.667	0.919	2.179	25.208			
19-Jan-22 17:00:00	21.822	0.330	2.387	2.545	11.935	14.480	1784804.932	214.440	0.073278	20.355026	0.00153961	0.427669351	0.004260	1.1834009	47.053	0.710	2.387	25.534			
19-Jan-22 18:00:00	21.972	0.411	2.217	2.372	13.686	14.534	1779764.038	213.217	0.073572	20.436731	0.001916732	0.532425465	0.003945	1.0959260	47.772	0.894	2.217	30.136			
19-Jan-22 19:00:00	20.897	0.378	2.220	2.373	16.439	14.475	1724508.911	205.920	0.067798	18.832843	0.001706699	0.474157918	0.003829	1.0636497	45.035	0.815	2.220	35.572			
19-Jan-22 20:00:00	19.607	0.351	2.278	2.443	17.466	14.510	1740822.021	203.819	0.064216	17.837765	0.001598145	0.443929058	0.003966	1.1016956	42.470	0.745	2.278	58.838			
19-Jan-22 21:00:00	22.337	0.405	2.742	2.906	14.823	14.463	1843652.588	214.664	0.077478	21.521614	0.001952216	0.542282358	0.005055	1.4041159	48.038	0.870	2.742	31.751			
19-Jan-22 22:00:00	21.298	0.402	2.805	2.969	19.847	14.493	1763821.045	209.777	0.070676	19.632161	0.001853848	0.514957648	0.004947	1.3742779	46.011	0.867	2.805	42.803			
19-Jan-22 23:00:00	20.466	0.364	2.845	2.994	22.512	14.521	1751055.786	214.462	0.067423	18.728527	0.00166978	0.463827771	0.004982	1.3839343	44.408	0.795	2.845	48.883			
20-Jan-22 00:00:00	21.854	0.307	2.832	2.997	18.516	14.473	1764678.345	217.264	0.072555	20.154120	0.001418861	0.394128107	0.004997	1.3881499	47.068	0.662	2.832	39.924			
20-Jan-22 01:00:00	19.831	0.389	2.676	2.839	30.050	14.519	1792632.446	219.023	0.066882	18.578452	0.001825214	0.507003915	0.004797	1.3323843	43.018	0.834	2.676	65.060			
20-Jan-22 02:00:00	22.405	0.360	2.839	2.989	17.897	14.441	1777202.515	215.485	0.074914	20.809535	0.001672595</										

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
22-Jan-22 01:00:00	21.572	0.417	2.906	3.076	17.929	14.304	1779240.845	215.048	0.072211	20.056601	0.001940211	0.53894745	0.0051070	1.4361316	45.265	0.868	2.906	37.515		
22-Jan-22 02:00:00	20.962	0.334	2.631	2.802	18.371	14.293	1743985.352	220.820	0.068779	19.105408	0.001522763	0.422989849	0.004589	1.2746482	43.906	0.601	2.631	38.354		
22-Jan-22 03:00:00	21.449	0.423	2.999	3.149	19.379	14.283	1737491.943	208.655	0.070113	19.475883	0.001924476	0.534576564	0.005211	1.4475217	44.732	0.885	2.999	40.559		
22-Jan-22 04:00:00	21.058	0.369	2.862	2.981	21.640	14.294	1784991.089	217.142	0.070718	19.643977	0.001725061	0.479183685	0.005108	1.4189802	43.908	0.765	2.862	44.124		
22-Jan-22 05:00:00	19.671	0.262	2.808	2.980	25.527	14.363	1852705.444	222.332	0.068568	19.046605	0.001272334	0.353426185	0.005202	1.4450781	41.660	0.547	2.808	54.091		
22-Jan-22 06:00:00	20.465	0.373	2.883	3.032	24.786	14.343	1784973.999	218.128	0.068725	19.090253	0.001742087	0.48391304	0.005146	1.4293300	43.191	0.775	2.883	52.421		
22-Jan-22 07:00:00	19.488	0.284	2.809	2.973	25.378	14.307	1795306.763	222.375	0.065823	18.284155	0.001335283	0.370911948	0.005043	1.4008811	40.927	0.609	2.809	53.205		
22-Jan-22 08:00:00	19.509	0.278	3.032	3.198	28.198	14.381	1766736.816	215.926	0.064487	18.013020	0.0012866	0.357388769	0.005358	1.4882072	41.439	0.579	3.032	59.783		
22-Jan-22 09:00:00	20.456	0.340	2.714	2.875	20.167	14.326	1837505.615	219.805	0.070718	19.643823	0.001633295	0.45369315	0.004986	1.3850774	43.084	0.715	2.714	42.412		
22-Jan-22 10:00:00	20.214	0.385	2.678	2.857	21.315	14.326	1814570.557	212.724	0.069009	19.169235	0.001826505	0.507362374	0.004859	1.3496647	42.572	0.808	2.678	44.870		
22-Jan-22 11:00:00	21.744	0.306	2.546	2.709	14.771	14.346	1816114.868	215.799	0.074295	20.637621	0.001455402	0.404278271	0.004624	1.2843747	46.086	0.643	2.546	31.158		
22-Jan-22 12:00:00	21.297	0.341	2.290	2.453	16.159	14.330	1814172.241	215.774	0.072691	20.192060	0.001618673	0.449631362	0.004154	1.1539954	44.834	0.727	2.290	33.347		
22-Jan-22 13:00:00	20.328	0.406	2.662	2.798	19.450	14.319	1850602.417	214.455	0.070776	19.659942	0.00196693	0.546369521	0.004927	1.3685414	42.767	0.862	2.662	40.562		
22-Jan-22 14:00:00	20.950	0.325	2.434	2.610	13.827	14.345	1768444.336	218.858	0.069702	19.361725	0.001502735	0.417426485	0.004305	1.1958771	44.101	0.667	2.434	28.990		
22-Jan-22 15:00:00	20.157	0.293	2.554	2.709	20.290	14.415	1779573.120	214.180	0.067487	18.746341	0.001363997	0.378888048	0.004545	1.2624091	42.894	0.616	2.554	42.877		
22-Jan-22 16:00:00	21.619	0.342	2.192	2.337	13.328	14.345	1811254.150	215.154	0.073670	20.463906	0.001622089	0.450580215	0.003970	1.1026480	45.658	0.722	2.192	28.197		
22-Jan-22 17:00:00	21.053	0.343	2.695	2.844	18.481	14.351	1837328.735	215.684	0.072774	20.214869	0.001651449	0.458735713	0.004952	1.3756628	44.526	0.726	2.695	39.066		
22-Jan-22 18:00:00	20.985	0.330	3.292	3.435	17.919	14.339	1805829.102	217.768	0.071296	19.804583	0.001559469	0.433185908	0.005946	1.6515596	44.283	0.697	3.292	38.392		
22-Jan-22 19:00:00	21.568	0.378	2.661	2.834	15.931	14.303	1809438.965	217.042	0.073423	20.395140	0.001792434	0.497898446	0.004814	1.3373498	45.201	0.788	2.661	32.823		
22-Jan-22 20:00:00	21.480	0.430	2.769	2.891	15.313	14.278	1801428.711	215.532	0.072799	20.221900	0.002028952	0.563597796	0.004987	1.3853961	44.914	0.900	2.769	32.293		
22-Jan-22 21:00:00	19.913	0.315	2.524	2.685	24.607	14.371	1787974.487	220.395	0.066986	18.607297	0.001476588	0.410163201	0.004512	1.2534301	42.236	0.675	2.524	52.822		
22-Jan-22 22:00:00	18.606	0.367	2.420	2.541	32.684	14.353	1822892.578	214.553	0.063812	17.725615	0.001750993	0.486386886	0.004411	1.2252000	39.304	0.776	2.420	69.196		
22-Jan-22 23:00:00	19.398	0.422	3.134	3.286	28.598	14.355	1787370.117	215.643	0.065230	18.119488	0.001975395	0.548720738	0.005601	1.5559526	41.031	0.909	3.134	60.744		
23-Jan-22 00:00:00	20.851	0.428	2.961	3.120	19.625	14.279	1764031.494	209.314	0.069202	19.222701	0.001978131	0.549483121	0.005223	1.4057599	43.602	0.893	2.961	40.968		
23-Jan-22 01:00:00	20.104	0.380	3.238	3.405	21.181	14.305	1802431.152	215.969	0.068175	18.337524	0.001792608	0.49794676	0.005836	1.6210848	42.200	0.798	3.238	44.304		
23-Jan-22 02:00:00	21.161	0.350	2.756	2.941	16.274	14.257	1825204.590	218.380	0.072664	20.184506	0.001670262	0.463961694	0.005030	1.3972871	44.151	0.767	2.756	34.279		
23-Jan-22 03:00:00	19.736	0.358	2.838	3.001	27.265	14.312	1762930.420	218.330	0.065458	18.182892	0.001651523	0.458756429	0.005003	1.3897244	41.471	0.754	2.838	57.451		
23-Jan-22 04:00:00	20.335	0.356	2.690	2.863	24.120	14.308	1795592.896	210.799	0.068697	19.082493	0.001674304	0.465084555	0.004830	1.3416687	42.712	0.749	2.690	50.545		
23-Jan-22 05:00:00	20.064	0.342	2.653	2.780	25.910	14.350	1805814.087	218.089	0.068166	18.934950	0.00161565	0.448791574	0.004790	1.3305818	42.406	0.722	2.653	54.768		
23-Jan-22 06:00:00	20.102	0.390	2.871	3.031	25.702	14.309	1801389.404	217.742	0.068127	18.924068	0.001841007	0.511390724	0.005171	1.4364462	42.240	0.821	2.871	54.202		
23-Jan-22 07:00:00	18.512	0.325	2.842	2.988	38.746	14.356	1788296.753	216.333	0.062284	17.301234	0.001523571	0.423214109	0.005083	1.4119795	39.164	0.686	2.842	81.952		
23-Jan-22 08:00:00	20.244	0.356	2.747	2.904	23.889	14.338	1791266.357	214.951	0.068225	18.951402	0.001667449	0.46318015	0.004921	1.3669711	42.735	0.746	2.747	50.172		
23-Jan-22 09:00:00	20.224	0.285	2.533	2.700	23.074	14.303	1799535.156	220.681	0.068473	19.020178	0.001343263	0.373128643	0.004559	1.2663337	42.448	0.598	2.533	48.537		
23-Jan-22 10:00:00	19.807	0.340	2.496	2.683	22.815	14.326	1783956.787	212.415	0.066480	18.466580	0.001587775	0.441048605	0.004452	1.2366378	41.705	0.719	2.496	48.243		
23-Jan-22 11:00:00	20.489	0.371	2.859	3.013	17.548	14.356	1814741.455	219.027	0.069955	19.431947	0.001764261	0.490072486	0.005189	1.4414050	43.521	0.786	2.859	36.857		
23-Jan-22 12:00:00	20.148	0.351	2.562	2.725	20.494	14.389	1749433.472	212.725	0.066314	18.420500	0.001606514	0.446253966	0.004482	1.2449083	42.790	0.735	2.562	43.648		
23-Jan-22 13:00:00	20.713	0.320	2.413	2.567	16.649	14.365	1796130.859	217.859	0.069993	19.442379	0.001505354	0.418153791	0.004334	1.2037655	43.881	0.675	2.413	35.467		
23-Jan-22 14:00:00	21.170	0.324	2.748	2.908	14.172	14.379	1778375.366	218.057	0.070830	19.675014	0.001507288									

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSO12_NOx@7%O2	HRSO12_SOx@7%O2	HRSO12_Dust (7%O2)	HRSO12_CO @7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Jan-22 13:00:00	12.985	0.000	1.350	1.450	70.799	14.810	1363742.676	162.690	0.033315	9.254282	0	0	0.001841	0.5113889	29.489	0.000	1.350	160.778	
11-Jan-22 14:00:00	11.517	0.000	1.157	1.252	114.930	14.920	1394567.749	155.294	0.030218	8.394000	0	0	0.001613	0.4481030	26.642	0.000	1.157	265.911	
11-Jan-22 15:00:00	12.331	0.000	1.750	1.853	87.922	14.847	1343174.072	157.210	0.031160	8.655500	0	0	0.002350	0.6527832	28.193	0.000	1.750	200.860	
11-Jan-22 16:00:00	12.728	0.000	1.211	1.320	71.208	14.808	1348177.002	158.590	0.032284	8.967912	0	0	0.001633	0.4536976	28.914	0.000	1.211	162.704	
11-Jan-22 17:00:00	12.220	0.000	1.193	1.241	81.834	14.854	1350997.192	161.316	0.031061	8.628170	0	0	0.001611	0.4476098	27.964	0.000	1.193	186.027	
11-Jan-22 18:00:00	11.919	0.000	1.206	1.293	119.536	14.907	1292810.181	153.825	0.029989	8.052584	0	0	0.001559	0.4331135	27.516	0.000	1.206	273.729	
11-Jan-22 19:00:00	12.336	0.000	1.637	1.707	70.377	14.788	1328354.980	155.924	0.030830	8.563922	0	0	0.002174	0.6039151	27.933	0.000	1.637	159.348	
11-Jan-22 20:00:00	11.928	0.000	2.113	2.207	121.525	14.894	1305948.120	155.508	0.029308	8.141169	0	0	0.002760	0.7665357	27.455	0.000	2.113	279.973	
11-Jan-22 21:00:00	13.397	0.000	1.808	1.879	20.769	14.608	1630951.660	210.348	0.041109	11.419166	0	0	0.002949	0.8190633	29.468	0.000	1.808	45.593	
11-Jan-22 22:00:00	13.139	0.000	1.849	1.946	36.131	14.593	1686267.334	215.232	0.041682	11.578424	0	0	0.003117	0.8659635	28.831	0.000	1.849	79.076	
11-Jan-22 23:00:00	13.629	0.000	1.806	1.897	16.351	14.553	1650956.909	211.052	0.042332	11.758778	0	0	0.002982	0.8284315	29.726	0.000	1.806	35.566	
12-Jan-22 00:00:00	15.102	0.000	2.300	2.377	10.832	14.513	1644550.415	209.966	0.046725	12.979237	0	0	0.003782	1.0505976	32.753	0.000	2.300	23.480	
12-Jan-22 01:00:00	13.953	0.000	1.617	1.756	14.291	14.527	1646711.060	205.041	0.043229	12.007959	0	0	0.002663	0.7397641	30.315	0.000	1.617	31.243	
12-Jan-22 02:00:00	13.227	0.000	2.196	2.135	20.215	14.565	1613508.301	203.480	0.040154	11.153828	0	0	0.003543	0.9840851	28.890	0.000	2.196	45.350	
12-Jan-22 03:00:00	13.852	0.000	1.705	1.796	16.908	14.529	1666244.507	212.065	0.043424	12.062238	0	0	0.002841	0.7890859	30.108	0.000	1.705	36.574	
12-Jan-22 04:00:00	12.772	0.000	1.475	1.574	78.138	14.677	1352516.113	153.874	0.032499	9.027501	0	0	0.001995	0.5541545	28.394	0.000	1.475	173.462	
12-Jan-22 05:00:00	13.394	0.000	1.685	1.804	17.616	14.516	1675126.465	214.587	0.042213	11.725853	0	0	0.002822	0.7838351	29.040	0.000	1.685	38.164	
12-Jan-22 06:00:00	13.492	0.000	2.743	2.850	132.339	14.530	1675979.980	215.721	0.042542	11.817263	0	0	0.004598	1.2772225	29.331	0.000	2.743	284.131	
12-Jan-22 07:00:00	14.245	0.000	2.619	2.713	14.424	14.506	1653646.484	214.652	0.044318	12.310548	0	0	0.004331	1.2031149	30.838	0.000	2.619	31.167	
12-Jan-22 08:00:00	13.770	0.000	2.000	2.065	28.055	14.548	1657396.606	217.701	0.042938	11.927231	0	0	0.003315	0.9209120	30.010	0.000	2.000	61.066	
12-Jan-22 09:00:00	14.101	0.000	2.187	2.251	13.480	14.570	1673248.657	217.047	0.044392	12.331005	0	0	0.003659	1.0163630	30.837	0.000	2.187	29.335	
12-Jan-22 10:00:00	13.845	0.000	1.915	2.035	17.228	14.478	1648339.966	217.149	0.042937	11.926982	0	0	0.003156	0.8767270	29.846	0.000	1.915	37.113	
12-Jan-22 11:00:00	13.222	0.000	1.759	1.869	24.224	14.519	1670601.807	212.852	0.041557	11.543506	0	0	0.002938	0.8161182	28.688	0.000	1.759	56.217	
12-Jan-22 12:00:00	13.337	0.000	1.853	1.958	31.940	14.540	1632259.155	214.660	0.040958	11.377099	0	0	0.003024	0.8400659	29.028	0.000	1.853	69.556	
12-Jan-22 13:00:00	14.072	0.000	1.513	1.606	21.038	14.511	1727091.187	218.381	0.045723	12.700838	0	0	0.002612	0.7256212	30.485	0.000	1.513	45.834	
12-Jan-22 14:00:00	14.616	0.000	1.650	1.739	26.376	14.527	1687793.701	212.228	0.046410	12.891701	0	0	0.002785	0.7736951	31.735	0.000	1.650	57.280	
12-Jan-22 15:00:00	14.200	0.000	1.556	1.634	36.829	14.571	1660717.773	216.393	0.044368	12.324501	0	0	0.002584	0.7178466	31.050	0.000	1.556	80.552	
12-Jan-22 16:00:00	14.944	0.000	1.438	1.541	14.482	14.535	1675806.641	219.589	0.047116	13.087688	0	0	0.002410	0.6694373	32.481	0.000	1.438	31.385	
12-Jan-22 17:00:00	14.075	0.000	1.086	1.185	51.474	14.578	1694987.305	209.028	0.044883	12.467526	0	0	0.001842	0.5115402	30.818	0.000	1.086	111.311	
12-Jan-22 18:00:00	14.346	0.000	1.388	1.504	16.490	14.559	1649055.786	216.673	0.044508	12.363233	0	0	0.002288	0.6356808	31.336	0.000	1.388	35.914	
12-Jan-22 19:00:00	13.885	0.000	1.489	1.571	14.476	14.583	1707250.488	218.197	0.044597	12.388131	0	0	0.002542	0.7059929	30.420	0.000	1.489	31.615	
12-Jan-22 20:00:00	13.900	0.000	1.696	1.785	13.138	14.572	1654379.761	214.764	0.043266	12.018226	0	0	0.002806	0.7794364	30.402	0.000	1.696	28.529	
12-Jan-22 21:00:00	13.814	0.000	2.222	2.268	13.353	14.559	1694266.602	213.727	0.044033	12.231519	0	0	0.003764	1.0456202	30.164	0.000	2.222	30.920	
12-Jan-22 22:00:00	12.715	0.000	1.764	1.877	95.568	14.733	1313493.286	157.977	0.031420	8.727879	0	0	0.002317	0.6436477	28.516	0.000	1.764	214.168	
12-Jan-22 23:00:00	12.059	0.000	1.637	1.725	139.874	14.775	1284101.929	156.191	0.029134	8.092813	0	0	0.002102	0.5840122	27.242	0.000	1.637	316.007	
13-Jan-22 00:00:00	12.034	0.000	1.790	1.910	126.881	14.790	1334823.242	158.282	0.030221	8.394756	0	0	0.002389	0.6636223	27.261	0.000	1.790	287.332	
13-Jan-22 01:00:00	12.809	0.000	1.712	1.832	93.484	14.690	1367052.856	160.178	0.032945	9.151290	0	0	0.002340	0.6500266	28.544	0.000	1.712	208.067	
13-Jan-22 02:00:00	12.666	0.000	1.371	1.468	98.288	14.748	1373037.109	162.977	0.032720	9.088811	0	0	0.001882	0.5227976	28.490	0.000	1.371	221.066	
13-Jan-22 03:00:00	12.257	0.000	1.855	1.919	78.657	14.723	1326379.639	156.479	0.030587	8.496319	0	0	0.002461	0.6834805	27.447	0.000	1.855	175.935	
13-Jan-22 04:00:00	11.976	0.000	2.330	2.447	92.864	14.758	1335838.745	158.385	0.030099	8.360885	0	0	0.003113	0.8646262	26.981	0.000	2.330	215.721	
13-Jan-22 05:00:00	13.467	0.000	1.864	1.963	73.877	14.679	1339741.821	169.345	0.033944	9.428953	0	0	0.002498	0.6938011					

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO @7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Jan-22 01:00:00	14.049	0.000	2.199	2.277	71.631	14.491	1674069.214	213.524	0.044248	12.291148	0	0	0.003681	1.0225827	30.341	0.000	2.199	154.683	
15-Jan-22 02:00:00	14.889	0.000	2.196	2.284	21.523	14.478	1662613.159	219.572	0.046574	12.937240	0	0	0.003650	1.0139668	32.082	0.000	2.196	43.493	
15-Jan-22 03:00:00	13.916	0.000	2.537	2.590	55.151	14.532	1696091.553	222.804	0.044407	12.335217	0	0	0.004303	1.1952556	30.253	0.000	2.537	119.894	
15-Jan-22 04:00:00	14.025	0.000	2.862	2.986	11.006	14.495	1701671.753	219.874	0.044900	12.472225	0	0	0.004870	1.3528980	30.306	0.000	2.862	23.680	
15-Jan-22 05:00:00	13.612	0.000	2.273	2.361	44.797	14.564	1684428.711	220.393	0.043137	11.982458	0	0	0.003828	1.0634103	29.744	0.000	2.273	97.888	
15-Jan-22 06:00:00	13.909	0.000	2.670	2.750	41.493	14.538	1715397.583	220.178	0.044888	12.468824	0	0	0.004580	1.2721730	30.257	0.000	2.670	90.285	
15-Jan-22 07:00:00	13.599	0.000	2.387	2.511	41.272	14.554	1696218.018	219.393	0.043398	12.055123	0	0	0.004049	1.1247641	29.658	0.000	2.387	89.966	
15-Jan-22 08:00:00	15.231	0.000	2.832	2.778	31.013	14.491	1672484.497	219.966	0.047927	13.312935	0	0	0.004736	1.3156729	32.894	0.000	2.832	66.627	
15-Jan-22 09:00:00	13.264	0.000	2.624	2.631	31.267	14.606	1706744.751	219.119	0.042591	11.830736	0	0	0.004478	1.2437928	29.187	0.000	2.624	65.536	
15-Jan-22 10:00:00	14.536	0.000	1.959	2.081	8.648	14.556	1708025.024	222.511	0.046711	12.975190	0	0	0.003346	0.9294368	31.721	0.000	1.959	18.550	
15-Jan-22 11:00:00	15.224	0.000	1.987	2.090	5.773	14.548	1705050.293	221.312	0.048836	13.565443	0	0	0.003388	0.9409832	33.172	0.000	1.987	12.698	
15-Jan-22 12:00:00	14.510	0.000	1.723	1.815	5.293	14.581	1612141.846	211.657	0.044008	12.224542	0	0	0.002777	0.7713747	31.779	0.000	1.723	11.749	
15-Jan-22 13:00:00	15.107	0.000	1.667	1.763	3.640	14.526	1699487.183	217.908	0.048304	13.417758	0	0	0.002833	0.7868746	32.802	0.000	1.667	8.116	
15-Jan-22 14:00:00	15.185	0.000	1.506	1.605	15.549	14.606	1667261.108	213.718	0.047631	13.230971	0	0	0.002510	0.6973257	33.395	0.000	1.506	34.185	
15-Jan-22 15:00:00	15.123	0.000	1.738	1.823	4.644	14.573	1689613.892	218.945	0.048073	13.353667	0	0	0.002936	0.8156202	33.085	0.000	1.738	9.933	
15-Jan-22 16:00:00	13.967	0.000	1.125	1.221	10.379	14.623	1654863.525	219.264	0.043485	12.079184	0	0	0.001861	0.5170437	30.799	0.000	1.125	22.908	
15-Jan-22 17:00:00	15.010	0.000	1.063	1.147	17.683	14.571	1690147.949	218.320	0.047728	13.257789	0	0	0.001796	0.4988635	32.828	0.000	1.063	38.429	
15-Jan-22 18:00:00	14.577	0.000	1.693	1.738	33.550	14.579	1706388.282	218.681	0.046797	12.999161	0	0	0.002889	0.8025382	31.893	0.000	1.693	73.491	
15-Jan-22 19:00:00	14.705	0.000	1.834	1.925	22.302	14.588	1651435.425	218.543	0.045690	12.691613	0	0	0.003028	0.8410972	32.246	0.000	1.834	48.913	
15-Jan-22 20:00:00	15.296	0.000	2.267	2.426	13.457	14.553	1674818.970	219.685	0.048196	13.387805	0	0	0.003798	1.0548902	33.358	0.000	2.267	29.331	
15-Jan-22 21:00:00	15.246	0.000	1.367	1.419	5.194	14.546	1717197.266	220.927	0.049254	13.681701	0	0	0.002347	0.6518295	33.201	0.000	1.367	11.428	
15-Jan-22 22:00:00	14.598	0.000	1.034	1.161	7.870	14.537	1634420.288	216.205	0.044890	12.469310	0	0	0.001690	0.4693594	31.763	0.000	1.034	16.787	
15-Jan-22 23:00:00	14.338	0.000	1.837	1.886	56.599	14.551	1695492.065	215.920	0.045738	12.704974	0	0	0.003114	0.8651275	31.246	0.000	1.837	116.838	
16-Jan-22 00:00:00	13.835	0.000	2.946	2.997	35.338	14.548	1680486.450	217.465	0.043742	12.150534	0	0	0.004950	1.3749663	30.163	0.000	2.946	77.014	
16-Jan-22 01:00:00	13.918	0.000	1.736	1.851	12.115	14.493	1713940.186	218.843	0.044880	12.466731	0	0	0.002976	0.8265628	30.067	0.000	1.736	26.113	
16-Jan-22 02:00:00	12.905	0.000	2.658	2.669	68.621	14.694	1367292.114	166.163	0.033197	9.221350	0	0	0.003635	1.0095964	28.771	0.000	2.658	147.544	
16-Jan-22 03:00:00	12.401	0.000	2.901	3.079	115.544	14.721	1311670.532	161.345	0.030602	8.500615	0	0	0.003806	1.0571604	27.779	0.000	2.901	256.384	
16-Jan-22 04:00:00	12.482	0.000	2.148	2.229	83.969	14.645	1379689.575	158.737	0.032400	8.999887	0	0	0.002963	0.8231192	27.614	0.000	2.148	192.211	
16-Jan-22 05:00:00	13.515	0.000	2.514	2.591	58.098	14.630	1307402.954	162.735	0.033244	9.234477	0	0	0.003287	0.9130576	29.834	0.000	2.514	128.326	
16-Jan-22 06:00:00	12.074	0.000	2.541	2.625	112.397	14.730	1366875.488	164.746	0.031050	8.625061	0	0	0.003474	0.9649361	27.078	0.000	2.541	252.069	
16-Jan-22 07:00:00	13.643	0.000	2.579	2.620	78.871	14.662	1322208.984	164.721	0.033938	9.427340	0	0	0.003409	0.9470633	30.263	0.000	2.579	177.744	
16-Jan-22 08:00:00	13.984	0.000	2.611	2.668	76.911	14.632	1324819.092	156.262	0.034855	9.682024	0	0	0.003459	0.9609303	30.875	0.000	2.611	169.123	
16-Jan-22 09:00:00	12.698	0.000	2.355	2.428	120.932	14.724	1312182.373	155.268	0.031348	8.707677	0	0	0.003091	0.8585432	28.449	0.000	2.355	270.597	
16-Jan-22 10:00:00	11.885	0.000	2.634	2.715	129.767	14.807	1367518.921	158.722	0.030579	8.494293	0	0	0.003602	1.0004263	26.988	0.000	2.634	294.629	
16-Jan-22 11:00:00	11.720	0.000	2.271	2.353	124.277	14.831	1338959.961	156.646	0.029523	8.200776	0	0	0.003041	0.8446584	26.741	0.000	2.271	283.836	
16-Jan-22 12:00:00	12.139	0.000	2.080	2.172	107.584	14.807	1341718.384	161.100	0.030643	8.511939	0	0	0.002791	0.7753215	27.575	0.000	2.080	244.095	
16-Jan-22 13:00:00	12.550	0.000	2.298	2.360	72.740	14.797	1322993.042	154.578	0.031239	8.677369	0	0	0.003041	0.8446177	28.454	0.000	2.298	164.923	
16-Jan-22 14:00:00	11.643	0.000	1.800	1.886	129.875	14.922	1311005.127	151.596	0.028718	7.977283	0	0	0.002360	0.6555589	26.933	0.000	1.800	300.540	
16-Jan-22 15:00:00	12.470	0.000	1.743	1.869	81.251	14.832	1331202.637	153.590	0.031231	8.675156	0	0	0.002321	0.6446169	28.429	0.000	1.743	184.997	
16-Jan-22 16:00:00	12.494	0.000	1.755	1.864	88.843	14.839	1325907.837	156.189	0.031168	8.657794	0	0	0.002327	0.6463701	28.520	0.000	1.755	202.812	
16-Jan-22 17:00:00	12.362	0.000	2.108	2.190	82.730	14.848	1336577.515	156.135	0.031087	8.635176	0	0	0.002818						

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSO12_NOx@7%O2	HRSO12_SOx@7%O2	HRSO12_Dust (7%O2)	HRSO12_CO @7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
18-Jan-22 13:00:00	14.920	0.000	2.059	2.171	6.091	14.576	1705414.307	218.895	0.047871	13.297547	0	0	0.003512	0.9755387	32.651	0.000	2.059	13.257	
18-Jan-22 14:00:00	14.774	0.000	0.857	0.879	4.133	14.597	1701712.524	219.538	0.047300	13.138862	0	0	0.001458	0.4050679	32.443	0.000	0.857	9.021	
18-Jan-22 15:00:00	15.308	0.000	1.442	1.541	2.934	14.562	1653901.123	217.806	0.047634	13.231662	0	0	0.002385	0.6624782	33.430	0.000	1.442	6.471	
18-Jan-22 16:00:00	14.180	0.000	1.455	1.548	4.532	14.555	1707311.279	216.551	0.045548	12.652336	0	0	0.002484	0.6899571	30.939	0.000	1.455	9.574	
18-Jan-22 17:00:00	15.188	0.000	1.221	1.334	3.630	14.539	1641837.036	212.281	0.046916	13.032216	0	0	0.002005	0.5569650	33.050	0.000	1.221	7.856	
18-Jan-22 18:00:00	14.975	0.000	1.806	1.880	16.505	14.551	1673496.460	217.692	0.047147	13.096514	0	0	0.003023	0.8396983	32.642	0.000	1.806	35.820	
18-Jan-22 19:00:00	13.813	0.000	1.431	1.491	7.046	14.586	1694800.659	219.784	0.044044	12.234508	0	0	0.002425	0.6736151	30.279	0.000	1.431	15.550	
18-Jan-22 20:00:00	15.774	0.000	1.837	1.975	3.495	14.527	1660542.603	210.589	0.049279	13.688716	0	0	0.003050	0.8473267	34.282	0.000	1.837	7.514	
18-Jan-22 21:00:00	13.178	0.000	2.278	2.356	11.491	14.615	1646690.918	208.492	0.040827	11.340798	0	0	0.003751	1.0418400	29.007	0.000	2.278	25.483	
18-Jan-22 22:00:00	12.574	0.000	2.397	2.517	14.791	14.558	1713969.360	217.993	0.040547	11.263025	0	0	0.004108	1.1410088	27.441	0.000	2.397	32.124	
18-Jan-22 23:00:00	13.482	0.000	2.248	2.370	11.866	14.549	1698073.853	217.959	0.043072	11.964409	0	0	0.003817	1.0603783	29.390	0.000	2.248	25.734	
19-Jan-22 00:00:00	14.922	0.000	2.180	2.218	6.422	14.551	1696844.971	219.067	0.047638	13.232884	0	0	0.003699	1.0274182	32.535	0.000	2.180	13.714	
19-Jan-22 01:00:00	13.597	0.000	2.206	2.350	10.914	14.571	1674210.083	215.743	0.042828	11.896592	0	0	0.003693	1.0257784	29.721	0.000	2.206	24.053	
19-Jan-22 02:00:00	14.117	0.000	2.762	2.891	11.286	14.611	1713285.522	220.161	0.045504	12.639902	0	0	0.004732	1.3143637	31.068	0.000	2.762	24.726	
19-Jan-22 03:00:00	15.156	0.000	2.313	2.403	7.548	14.522	1703019.653	214.551	0.048561	13.489035	0	0	0.003940	1.0943356	32.892	0.000	2.313	16.240	
19-Jan-22 04:00:00	15.405	0.000	2.413	2.397	5.882	14.489	1731604.492	221.864	0.050187	13.940723	0	0	0.004178	1.1606563	33.232	0.000	2.413	12.439	
19-Jan-22 05:00:00	13.585	0.000	2.164	2.276	11.695	14.587	1676282.104	221.875	0.042842	11.900602	0	0	0.003628	1.0077949	29.781	0.000	2.164	25.674	
19-Jan-22 06:00:00	15.111	0.000	2.403	2.521	8.332	14.548	1710373.657	222.720	0.048625	13.506985	0	0	0.004110	1.1416294	32.914	0.000	2.403	18.069	
19-Jan-22 07:00:00	13.808	0.000	2.192	2.331	15.438	14.616	1642776.245	217.098	0.042677	11.854799	0	0	0.003602	1.0004831	30.391	0.000	2.192	34.052	
19-Jan-22 08:00:00	14.298	0.000	2.966	3.082	10.014	14.537	1644961.426	214.560	0.044250	12.291659	0	0	0.004880	1.3554431	31.110	0.000	2.966	22.051	
19-Jan-22 09:00:00	14.519	0.000	3.000	3.115	9.483	14.573	1634916.504	213.031	0.044659	12.405143	0	0	0.004905	1.3626235	31.750	0.000	3.000	20.628	
19-Jan-22 10:00:00	14.152	0.000	2.358	2.497	10.692	14.612	1636849.487	218.142	0.043581	12.105784	0	0	0.003859	1.0719981	31.155	0.000	2.358	23.593	
19-Jan-22 11:00:00	14.077	0.000	2.994	3.120	9.932	14.586	1668173.340	214.047	0.044180	12.272228	0	0	0.004994	1.3872045	30.856	0.000	2.994	21.568	
19-Jan-22 12:00:00	13.273	0.000	2.453	2.608	13.178	14.640	1646097.412	215.748	0.041106	11.418436	0	0	0.004038	1.1216761	29.304	0.000	2.453	27.666	
19-Jan-22 13:00:00	14.629	0.000	1.569	1.663	5.512	14.552	1694406.860	217.474	0.046636	12.954394	0	0	0.002659	0.7386284	31.886	0.000	1.569	11.875	
19-Jan-22 14:00:00	14.548	0.000	1.799	1.897	4.615	14.535	1690703.125	211.829	0.046277	12.854672	0	0	0.003041	0.8448196	31.646	0.000	1.799	10.023	
19-Jan-22 15:00:00	14.868	0.000	1.594	1.698	4.920	14.558	1630839.355	211.752	0.045617	12.671429	0	0	0.002600	0.7221557	32.442	0.000	1.594	10.296	
19-Jan-22 16:00:00	13.564	0.000	1.238	1.396	7.114	14.606	1666031.250	214.446	0.042516	11.809878	0	0	0.002062	0.5727159	29.828	0.000	1.238	16.074	
19-Jan-22 17:00:00	14.493	0.000	1.278	1.294	5.833	14.552	1669353.638	215.333	0.045517	12.643714	0	0	0.002133	0.5925702	31.615	0.000	1.278	13.029	
19-Jan-22 18:00:00	14.395	0.000	1.451	1.523	6.106	14.575	1682883.423	216.275	0.045575	12.659857	0	0	0.002442	0.6782115	31.497	0.000	1.451	13.120	
19-Jan-22 19:00:00	13.871	0.000	1.505	1.611	8.053	14.546	1599305.542	204.368	0.041736	11.593272	0	0	0.002407	0.6687338	30.207	0.000	1.505	17.341	
19-Jan-22 20:00:00	12.732	0.000	1.494	1.604	17.421	14.614	1624174.683	203.605	0.038907	10.807365	0	0	0.002426	0.6738907	28.030	0.000	1.494	38.020	
19-Jan-22 21:00:00	14.099	0.000	2.183	2.258	9.809	14.566	1704850.586	212.277	0.045224	12.562151	0	0	0.003722	1.0338734	30.805	0.000	2.183	21.472	
19-Jan-22 22:00:00	12.901	0.000	2.575	2.701	13.866	14.590	1625710.815	213.308	0.039457	10.960402	0	0	0.004186	1.1628575	28.296	0.000	2.575	30.412	
19-Jan-22 23:00:00	13.417	0.000	2.677	2.740	12.065	14.591	1681013.428	214.589	0.042344	11.787324	0	0	0.004501	1.2502149	29.453	0.000	2.677	26.468	
20-Jan-22 00:00:00	14.655	0.000	1.827	1.898	7.343	14.520	1705073.853	216.909	0.047012	13.058935	0	0	0.003115	0.8653545	31.795	0.000	1.827	15.851	
20-Jan-22 01:00:00	12.599	0.000	1.931	2.019	21.472	14.635	1704384.521	218.799	0.040401	11.222433	0	0	0.003292	0.9144180	27.833	0.000	1.931	47.482	
20-Jan-22 02:00:00	13.995	0.000	1.908	2.014	12.061	14.557	1668653.076	216.713	0.043936	12.204568	0	0	0.003184	0.8844192	30.559	0.000	1.908	26.459	
20-Jan-22 03:00:00	13.882	0.000	2.212	2.324	10.750	14.544	1694226.440	220.925	0.044248	12.291175	0	0	0.003748	1.0410039	30.229	0.000	2.212	23.327	
20-Jan-22 04:00:00	13.393	0.000	2.226	2.306	14.468	14.599	1637681.152	212.327	0.041266	11.462695	0	0	0.003645	1.0126277	29.426	0.000	2.226	31.936	
20-Jan-22 05:00:00	13.186	0.000	2.376	2.479	21.852	14.584	1695921.143	214.680	0.042072	11.686551	0	0	0.004030	1.1193303	28.893	0.000	2.376	47.782	

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY		CO	O2	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG12_NOx@7%O2	HRSG12_SOx@7%O2	HRSG12_Dust (7%O2)	HRSG12_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm			
22-Jan-22 01:00:00	13.754	0.000	2.485	2.542	9.990	14.329	1659616.089	217.918	0.042944	11.928904	0	0	0.004124	1.1454748	28.975	0.000	2.485	20.974			
22-Jan-22 02:00:00	13.227	0.000	3.295	3.359	11.532	14.320	1656139.648	216.063	0.041213	11.447936	0	0	0.005457	1.5159152	27.817	0.000	3.295	23.600			
22-Jan-22 03:00:00	13.103	0.000	3.219	3.323	13.379	14.356	1664292.603	212.689	0.041029	11.397020	0	0	0.005357	1.4879838	27.695	0.000	3.219	28.130			
22-Jan-22 04:00:00	13.230	0.000	3.232	3.308	9.765	14.307	1672371.216	216.895	0.041628	11.563254	0	0	0.005405	1.5014170	27.778	0.000	3.232	20.449			
22-Jan-22 05:00:00	13.168	0.000	2.792	3.084	11.007	14.353	1684544.678	219.851	0.041735	11.592960	0	0	0.004704	1.3065524	27.809	0.000	2.792	22.765			
22-Jan-22 06:00:00	13.290	0.000	2.866	2.955	8.497	14.302	1689443.970	220.761	0.042242	11.733764	0	0	0.004842	1.3451302	27.888	0.000	2.866	17.888			
22-Jan-22 07:00:00	11.877	0.000	2.912	2.992	19.878	14.372	1712704.834	218.098	0.038270	10.630683	0	0	0.004987	1.3852982	25.171	0.000	2.912	42.309			
22-Jan-22 08:00:00	12.997	0.000	2.697	2.797	12.564	14.345	1628388.672	212.857	0.039817	11.060191	0	0	0.004391	1.2198300	27.447	0.000	2.697	26.399			
22-Jan-22 09:00:00	13.181	0.000	2.576	2.650	8.891	14.328	1688832.031	217.962	0.041879	11.633142	0	0	0.004350	1.2082422	27.761	0.000	2.576	18.483			
22-Jan-22 10:00:00	12.176	0.000	2.200	2.219	12.612	14.366	1652390.015	216.245	0.037853	10.514782	0	0	0.003635	1.0096279	25.799	0.000	2.200	26.628			
22-Jan-22 11:00:00	12.742	0.000	2.561	2.572	9.153	14.373	1677014.160	215.896	0.042360	11.766760	0	0	0.004525	1.2568688	27.029	0.000	2.561	19.051			
22-Jan-22 12:00:00	12.338	0.000	2.537	2.589	11.074	14.386	1690442.871	217.617	0.039240	10.899927	0	0	0.004288	1.1911821	26.210	0.000	2.537	23.801			
22-Jan-22 13:00:00	13.373	0.000	3.135	3.143	7.918	14.299	1682295.532	219.569	0.042327	11.757513	0	0	0.005273	1.4647833	28.049	0.000	3.135	16.530			
22-Jan-22 14:00:00	13.747	0.000	2.512	2.613	6.323	14.346	1708364.258	215.576	0.044186	12.273820	0	0	0.004292	1.1922888	29.039	0.000	2.512	13.508			
22-Jan-22 15:00:00	12.786	0.000	2.138	2.181	9.807	14.397	1688579.468	211.272	0.040620	11.283210	0	0	0.003610	1.0026606	27.217	0.000	2.138	20.976			
22-Jan-22 16:00:00	13.481	0.000	1.962	1.991	5.473	14.364	1722218.384	212.241	0.043681	12.133598	0	0	0.003378	0.9384127	28.538	0.000	1.962	11.245			
22-Jan-22 17:00:00	13.649	0.000	2.622	2.616	5.895	14.330	1704617.676	215.702	0.043774	12.159578	0	0	0.004470	1.2416693	28.765	0.000	2.622	12.885			
22-Jan-22 18:00:00	12.740	0.000	3.775	3.875	11.393	14.397	1664758.789	221.641	0.039901	11.083672	0	0	0.006285	1.7458274	27.122	0.000	3.775	24.382			
22-Jan-22 19:00:00	13.609	0.000	2.748	2.816	7.448	14.315	1649728.027	218.081	0.042241	11.733531	0	0	0.004534	1.2595200	28.620	0.000	2.748	15.645			
22-Jan-22 20:00:00	13.468	0.000	1.990	2.019	7.942	14.313	1683779.663	216.769	0.042665	11.851333	0	0	0.003351	0.9308531	28.348	0.000	1.990	16.625			
22-Jan-22 21:00:00	13.520	0.000	2.456	2.477	7.589	14.300	1693815.308	220.553	0.043084	11.967674	0	0	0.004159	1.1553356	28.379	0.000	2.456	15.512			
22-Jan-22 22:00:00	12.647	0.000	2.605	2.610	12.623	14.310	1644976.563	213.199	0.039141	10.872509	0	0	0.004285	1.1902361	26.571	0.000	2.605	25.683			
22-Jan-22 23:00:00	12.084	0.000	3.398	3.486	15.628	14.370	1675486.206	217.416	0.038091	10.580931	0	0	0.005694	1.5815796	25.615	0.000	3.398	33.255			
23-Jan-22 00:00:00	12.959	0.000	3.303	3.372	14.098	14.333	1646016.602	210.611	0.040130	11.147285	0	0	0.005436	1.5100565	27.316	0.000	3.303	29.558			
23-Jan-22 01:00:00	12.819	0.000	3.575	3.653	14.020	14.359	1676544.556	215.642	0.040434	11.231627	0	0	0.005994	1.6651221	27.135	0.000	3.575	29.797			
23-Jan-22 02:00:00	12.727	0.000	2.494	2.581	13.666	14.340	1678637.451	218.970	0.040193	11.164606	0	0	0.004186	1.1628765	26.849	0.000	2.494	28.969			
23-Jan-22 03:00:00	12.320	0.000	2.431	2.498	16.095	14.355	1660915.283	223.995	0.038497	10.693677	0	0	0.004038	1.1216863	26.061	0.000	2.431	33.942			
23-Jan-22 04:00:00	12.997	0.000	2.633	2.751	12.327	14.319	1658849.243	211.411	0.040563	11.267611	0	0	0.004368	1.2132231	27.343	0.000	2.633	25.856			
23-Jan-22 05:00:00	13.260	0.000	3.488	3.607	11.647	14.344	1661364.258	221.562	0.041447	11.512948	0	0	0.005794	1.6095409	28.001	0.000	3.488	24.488			
23-Jan-22 06:00:00	12.887	0.000	3.283	3.321	11.758	14.309	1685299.683	220.875	0.040860	11.349942	0	0	0.005533	1.5369641	27.067	0.000	3.283	24.535			
23-Jan-22 07:00:00	12.090	0.000	3.686	3.761	17.841	14.354	1665957.520	218.954	0.037894	10.526089	0	0	0.006140	1.7056653	25.575	0.000	3.686	37.773			
23-Jan-22 08:00:00	13.496	0.000	3.017	3.193	9.277	14.291	1668558.105	211.030	0.042365	11.768130	0	0	0.005035	1.3985644	28.272	0.000	3.017	19.543			
23-Jan-22 09:00:00	12.610	0.000	2.325	2.356	14.104	14.326	1662812.622	218.555	0.039450	10.958326	0	0	0.003867	1.0740635	26.566	0.000	2.325	29.773			
23-Jan-22 10:00:00	12.319	0.000	2.095	2.120	12.519	14.358	1644934.204	214.749	0.038125	10.590390	0	0	0.003446	0.9571591	26.069	0.000	2.095	26.493			
23-Jan-22 11:00:00	12.491	0.000	3.224	3.372	9.984	14.372	1674019.043	215.771	0.039339	10.927427	0	0	0.005396	1.4989880	26.497	0.000	3.224	21.186			
23-Jan-22 12:00:00	13.420	0.000	2.999	3.011	6.598	14.346	1672706.055	211.549	0.042232	11.731182	0	0	0.005016	1.3933426	28.352	0.000	2.999	13.990			
23-Jan-22 13:00:00	13.220	0.000	2.661	2.733	7.042	14.368	1698884.277	216.338	0.042254	11.737150	0	0	0.004521	1.2558292	28.021	0.000	2.661	14.897			
23-Jan-22 14:00:00	14.183	0.000	2.662	2.676	3.878	14.311	1707581.543	220.085	0.045566	12.657135	0	0	0.004545	1.2624887	29.793	0.000	2.662	7.963			
23-Jan-22 15:00:00	12.967	0.002	2.720	2.714	6.924	14.424	1654720.581	206.534	0.040369	11.213607	1.06271E-05	0.002951964	0.004501	1.2502353	27.736	0.000	2.720	15.039			
23-Jan-22 16:00:00	13.453	0.000	2.890	2.882	4.710	14.412	1694788.940	217.476	0.042897	11.915806	4.58533E-07	0.00012737	0.004899	1.3607151	28.705	0.000	2.890	10.288			
23-Jan-22 17:00:00	13.508	0.000	2.270	2.303	6.432	14.442	1697599.731	215.842	0.043143	11.984083	0	0	0.003853	1.0702881	28.956	0.000	2.270	13.383			
23-Jan-22 18:00:00	12.825	0.000	2.874	2.980	10.421	14.485	1658217.041	2													

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2022 00:00-31/1/2022 23:59

[illegible]

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time		NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG21_NOx@7%O2	HRSG21_SOx@7%O2	HRSG21_Dust (7%O2)	HRSG22_CO@7%O2	
		ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
29-Jan-22 01:00:00		16.383	0.415	1.557	1.719	20.336	14.140	1351195.557	159.366	0.0416548	11.568814	0.001467434	0.407620557	0.002104	0.5845139	33.568	0.846	1.557	41.790	
29-Jan-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
29-Jan-22 11:00:00		19.195	0.290	0.908	1.064	6.316	13.848	1363209.229	175.316	0.049229	13.674779	0.001034592	0.287386793	0.001237	0.3436670	37.739	0.573	0.908	12.524	
29-Jan-22 12:00:00		20.234	0.314	0.851	0.997	8.333	13.830	1549226.318	206.947	0.058977	16.382505	0.001274054	0.353903809	0.001318	0.3661337	39.656	0.614	0.851	7.393	
29-Jan-22 13:00:00		20.385	0.402	1.063	1.216	0.000	13.672	1947314.575	275.905	0.074685	20.745951	0.002051591	0.569886363	0.002069	0.5748366	39.072	0.759	1.063	0.000	
29-Jan-22 14:00:00		21.939	0.449	0.836	1.006	0.128	13.756	1690641.479	237.638	0.069784	19.384442	0.001986511	0.551808723	0.001413	0.3926187	42.545	0.872	0.836	0.006	
29-Jan-22 15:00:00		22.226	0.323	0.815	0.970	0.019	13.759	1639150.146	238.041	0.068543	19.039824	0.001385192	0.384775613	0.001336	0.3712460	43.116	0.634	0.815	0.047	
29-Jan-22 16:00:00		21.764	0.462	0.945	1.091	0.000	13.762	1642377.686	238.184	0.067250	18.680658	0.001984987	0.551385215	0.001551	0.4309023	42.232	0.894	0.945	0.000	
29-Jan-22 17:00:00		22.758	0.352	0.903	1.054	0.000	13.759	1684139.526	238.373	0.072109	20.030169	0.001553061	0.431405711	0.001520	0.4223610	44.153	0.688	0.903	0.000	
29-Jan-22 18:00:00		21.601	0.270	0.777	0.944	0.141	13.793	1665117.920	238.699	0.067669	18.797051	0.001177816	0.327260094	0.001293	0.3592641	42.091	0.538	0.777	0.225	
29-Jan-22 19:00:00		21.410	0.462	0.747	0.903	0.140	13.752	167351.860	239.080	0.067411	18.725233	0.002022828	0.561896741	0.001250	0.3473296	41.499	0.895	0.747	0.210	
29-Jan-22 20:00:00		20.543	0.324	0.751	0.900	0.990	13.801	1688269.165	239.584	0.065252	18.125518	0.001430126	0.397257258	0.001268	0.3521154	40.086	0.630	0.751	1.832	
29-Jan-22 21:00:00		19.542	0.335	0.902	1.061	1.755	13.760	1738439.331	240.741	0.063914	17.754001	0.00152621	0.423947238	0.001568	0.4354625	37.923	0.699	0.902	3.426	
29-Jan-22 22:00:00		19.481	0.241	0.992	1.147	2.108	13.769	1714296.387	240.805	0.062830	17.452844	0.00108264	0.300733377	0.001700	0.4723589	37.831	0.479	0.992	4.211	
29-Jan-22 23:00:00		19.753	0.292	1.101	1.254	2.411	13.741	1664788.940	240.990	0.061869	17.185857	0.001272969	0.353602396	0.001833	0.5093011	38.223	0.569	1.101	4.591	
30-Jan-22 00:00:00		19.312	0.390	1.164	1.308	2.689	13.716	1713544.434	241.386	0.062258	17.293766	0.001750938	0.486371747	0.001994	0.5539684	37.246	0.726	1.164	5.253	
30-Jan-22 01:00:00		18.903	0.276	1.184	1.340	2.892	13.757	1686247.925	241.454	0.059970	16.658240	0.001219077	0.338632485	0.001997	0.5548161	36.659	0.526	1.184	5.618	
30-Jan-22 02:00:00		18.798	0.221	1.151	1.314	2.350	13.743	1711854.858	242.104	0.060541	16.816895	0.00099219	0.275608239	0.001970	0.5470925	36.376	0.426	1.151	4.715	
30-Jan-22 03:00:00		19.087	0.353	1.044	1.194	2.597	13.677	167434.360	241.774	0.060126	16.701561	0.001547656	0.429904376	0.001748	0.4855954	36.608	0.682	1.044	4.986	
30-Jan-22 04:00:00		17.202	0.357	1.309	1.463	14.299	13.960	1528230.835	205.973	0.049460	13.739011	0.001428255	0.39673748	0.002000	0.5555742	34.335	0.712	1.309	28.418	
30-Jan-22 05:00:00		17.944	0.320	0.947	1.119	11.125	13.920	1194400.146	143.880	0.040322	11.200551	0.001001918	0.278310651	0.001132	0.3143578	35.581	0.640	0.947	23.256	
30-Jan-22 06:00:00		17.294	0.288	1.092	1.249	20.211	14.170	1273391.479	150.994	0.041432	11.508804	0.00096053	0.266813833	0.001390	0.3861532	35.585	0.601	1.092	41.263	
30-Jan-22 07:00:00		17.945	0.390	1.100	1.251	11.172	13.928	1229649.536	141.824	0.041516	11.532172	0.001266568	0.351824526	0.001353	0.3758606	35.643	0.769	1.100	21.841	
30-Jan-22 08:00:00		16.844	0.254	1.175	1.314	14.948	14.039	1233437.134	143.874	0.039088	10.857791	0.000808294	0.224526104	0.001449	0.4025784	34.003	0.508	1.175	30.534	
30-Jan-22 09:00:00		14.971	0.218	1.377	1.522	28.333	14.222	1528718.750	190.060	0.034059	11.960733	0.000872469	0.242352638	0.002104	0.5845351	31.035	0.457	1.377	58.687	
30-Jan-22 10:00:00		16.798	0.219	0.962	1.126	12.108	14.075	1215136.963	142.578	0.038403	10.667508	0.000697161	0.193655742	0.001169	0.3247990	34.092	0.449	0.962	24.571	
30-Jan-22 11:00:00		17.555	0.304	1.220	1.375	12.729	14.103	1242792.313	149.326	0.041047	11.401829	0.000987433	0.274286939	0.001517	0.4213271	35.896	0.618	1.220	26.263	
30-Jan-22 12:00:00		17.205	0.260	1.130	1.271	15.216	14.256	1355555.298	165.744	0.043879	12.188735	0.00092257	0.256269485	0.001532	0.4254647	35.846	0.540	1.130	31.505	
30-Jan-22 13:00:00		17.670	0.361	1.181	1.343	16.889	14.292	1365209.595	166.377	0.045385	12.606845	0.001288391	0.357886276	0.001612	0.4478565	37.018	0.747	1.181	35.369	
30-Jan-22 14:00:00		17.735	0.448	1.216	1.372	17.494	14.348	1359077.881	160.503	0.045348	12.596796	0.00159388	0.442744313	0.001652	0.4589932	37.477	0.957	1.216	36.756	
30-Jan-22 15:00:00		17.173	0.260	1.072	1.218	20.147	14.327	1401839.844	160.417	0.045291	12.580901	0.000953076	0.264743328	0.001503	0.4174305	36.161	0.542	1.072	42.441	
30-Jan-22 16:00:00		17.629	0.383	1.033	1.179	17.800	14.275	1359485.840	162.874	0.045090	12.524896	0.001361758	0.378266046	0.001405	0.3902130	36.845	0.804	1.033	37.279	
30-Jan-22 17:00:00		17.339	0.323	1.100	1.251	20.675	14.297	1340569.092	160.452	0.043731	12.147512	0.001132276	0.314521101	0.001475	0.4098727	36.448	0.673	1.100	43.516	
30-Jan-22 18:00:00		17.638	0.342	1.255	1.407	18.745	14.280	1389459.106	165.139	0.046108	12.807810	0.001243827	0.345507437	0.001744	0.4843065	36.884	0.718	1.255	38.467	
30-Jan-22 19:00:00		16.216	0.275	1.195	1.335	24.185	14.223	1353127.197	158.938	0.041282	11.467176	0.000975406	0.270945984	0.001617	0.4492847	33.620	0.565	1.195	49.880	
30-Jan-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
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Periodically: 01/1/2022 00:00-31/1/2022 23:59

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Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
28-Jan-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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29-Jan-22 11:00:00	20.571	0.209	0.304	0.314	14.673	13.850	1319075.317	175.435	0.051051	14.180779	0.000722138	0.200593828	0.000401	0.1114448	40.422	0.410	0.304	28.553	
29-Jan-22 12:00:00	20.172	0.188	0.538	0.535	10.783	13.908	1532976.318	207.901	0.058178	16.160626	0.000753483	0.209300771	0.000824	0.2290241	39.969	0.378	0.538	21.161	
29-Jan-22 13:00:00	20.786	0.178	1.140	1.176	0.377	13.464	1871857.666	268.848	0.073201	20.333622	0.000873121	0.242533503	0.002133	0.5925358	38.727	0.350	1.140	0.824	
29-Jan-22 14:00:00	22.078	0.206	0.625	0.625	2.317	13.738	1703422.852	236.896	0.070755	19.654250	0.000917596	0.254887895	0.001038	0.2884641	42.706	0.398	0.610	4.465	
29-Jan-22 15:00:00	22.602	0.208	0.547	0.561	1.882	13.712	1732770.996	237.778	0.073684	20.467662	0.000942332	0.261758914	0.000948	0.2634293	43.572	0.397	0.547	3.479	
29-Jan-22 16:00:00	22.471	0.235	0.589	0.613	2.112	13.753	1704294.067	238.861	0.072051	20.014226	0.001049384	0.291495632	0.001004	0.2790094	43.552	0.471	0.589	3.983	
29-Jan-22 17:00:00	22.589	0.197	0.600	0.620	1.924	13.724	1719496.704	238.068	0.073076	20.298877	0.000887583	0.246550964	0.001032	0.2865312	43.612	0.381	0.600	3.467	
29-Jan-22 18:00:00	21.786	0.085	0.583	0.589	2.238	13.741	1708944.580	239.668	0.070048	19.457671	0.000378853	0.105236822	0.000995	0.2765186	42.156	0.165	0.583	4.483	
29-Jan-22 19:00:00	22.358	0.092	0.572	0.595	2.229	13.751	1724619.507	240.587	0.072546	20.151687	0.000414576	0.11515997	0.000987	0.2741596	43.324	0.135	0.572	4.393	
29-Jan-22 20:00:00	20.830	0.189	0.672	0.687	3.256	13.724	1698385.986	239.355	0.066560	18.488902	0.000838213	0.23283698	0.001141	0.3170211	40.210	0.364	0.672	6.345	
29-Jan-22 21:00:00	19.960	0.110	0.732	0.745	4.311	13.694	1685656.738	240.855	0.063300	17.583264	0.000485718	0.134921763	0.001233	0.3425181	38.358	0.211	0.732	8.170	
29-Jan-22 22:00:00	19.970	0.189	0.637	0.648	4.145	13.703	1730295.044	240.881	0.065011	18.058647	0.000854703	0.237417618	0.001103	0.3062865	38.449	0.363	0.637	8.096	
29-Jan-22 23:00:00	19.813	0.123	0.731	0.744	6.121	13.727	1652860.352	240.494	0.061611	17.114107	0.000530741	0.147428064	0.001208	0.3356684	38.261	0.237	0.731	11.826	
30-Jan-22 00:00:00	19.315	0.134	0.863	0.882	5.946	13.713	1684883.545	241.500	0.061226	17.007228	0.000589252	0.16368099	0.001454	0.4039051	37.244	0.244	0.863	11.571	
30-Jan-22 01:00:00	19.786	0.211	0.759	0.774	5.852	13													

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/1/2022 00:00-31/1/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG1_NOx@7%O2	HRSG1_SOx@7%O2	HRSG1_Dust (7%O2)	HRSG1_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
31-Jan-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
31-Jan-22 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
01-Feb-22 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
Minimum	16.88	0.08	0.30	0.31	0.38	13.46	1,160,703.25	140.19	0.04	10.75	0.00	0.11	0.00	0.11	34.59	0.14	0.30	0.82	
Maximum	22.60	0.31	1.74	1.78	79.16	14.34	1,871,857.67	268.85	0.07	20.47	0.00	0.34	0.00	0.60	43.61	0.64	1.74	164.58	
Avg	19.79	0.19	0.93	0.95	19.84	13.86	1,551,053.75	210.98	0.06	16.20	0.00	0.21	0.00	0.38	38.88	0.37	0.93	40.54	
SUM									1.46		0.02		0.03						
STD									STD = 40.8		STD = 8.11		STD = 5.71		STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2022 00:00-28/2/2022 23:59

Site Name:	GULF_GUT
Stack Name:	HRSO_STACK11
Periodically:	01/2/2022 00:00-28/2/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK11
Periodically: 01/2/2022 00:00-28/2/2022 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O ₂	FLOW @ 1 ATM 25C	GUT11_LOAD	MW	NOx		SOx		Dust		HRSG11_NOx@7%O ₂	HRSG11_SOx@7%O ₂	HRSG11_Dust(7%O ₂)	HRSG11_CO@7%O ₂	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	Ton		(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
08-Feb-22 01:00:00	20.731	0.333	2.263	2.423	13.967	14.320	1814368.652	221.046	0.070766	19.657239	0.001580566	0.439046122	0.004106	1.1406439	43.623	0.699	2.263	29.363	เชื้อเพลิง Deisel	
08-Feb-22 02:00:00	19.308	0.389	3.296	3.458	20.656	14.378	1802210.571	223.647	0.065466	18.185122	0.001836583	0.510161894	0.005940	1.6500703	40.985	0.827	3.296	43.860	เชื้อเพลิง Deisel	
08-Feb-22 03:00:00	20.987	0.410	2.964	3.127	12.179	14.293	1779800.537	218.666	0.070274	19.520691	0.001912346	0.53120728	0.005276	1.4655779	43.962	0.845	2.964	25.455	เชื้อเพลิง Deisel	
08-Feb-22 04:00:00	21.418	0.291	2.887	2.896	10.285	14.262	1826019.287	220.832	0.073580	20.438993	0.001390046	0.386123902	0.004906	1.3628660	44.678	0.606	2.887	21.660	เชื้อเพลิง Deisel	
08-Feb-22 05:00:00	19.710	0.406	2.614	2.837	19.781	14.340	1763563.599	218.340	0.065397	18.165788	0.001873012	0.520281002	0.004610	1.2805481	41.602	0.853	2.614	42.018	เชื้อเพลิง Deisel	
08-Feb-22 06:00:00	21.609	0.372	2.652	2.800	15.519	14.264	1802748.901	222.186	0.073291	20.358725	0.001753399	0.487055305	0.004781	1.3279866	45.083	0.783	2.652	32.189	เชื้อเพลิง Deisel	
08-Feb-22 07:00:00	19.929	0.305	2.836	2.997	17.787	14.313	1839750.732	216.263	0.068981	19.161285	0.001467224	0.407562303	0.005218	1.4493563	41.892	0.640	2.836	37.397	เชื้อเพลิง Deisel	
08-Feb-22 08:00:00	19.841	0.316	2.704	2.947	15.693	14.293	1876045.166	220.906	0.070029	19.452408	0.001551818	0.431060652	0.005073	1.4090647	41.751	0.650	2.704	33.425	เชื้อเพลิง Deisel	
08-Feb-22 09:00:00	20.003	0.318	2.991	3.156	17.481	14.327	1793631.470	220.110	0.067501	18.750200	0.001494522	0.415145091	0.005365	1.4901686	42.148	0.690	2.991	36.882	เชื้อเพลิง Deisel	
08-Feb-22 10:00:00	19.767	0.347	2.748	2.907	13.739	14.348	1788057.861	221.662	0.066496	18.471050	0.001624802	0.451333809	0.004914	1.3649568	41.756	0.721	2.748	28.752	เชื้อเพลิง Deisel	
08-Feb-22 11:00:00	19.904	0.359	2.434	2.597	14.377	14.383	1837747.437	216.300	0.068818	19.116015	0.00172755	0.479874988	0.004474	1.2427098	42.282	0.766	2.434	30.525	เชื้อเพลิง Deisel	
08-Feb-22 12:00:00	19.900	0.360	2.344	2.502	14.359	14.384	1743348.389	215.160	0.065271	18.130711	0.001644803	0.456889635	0.004086	1.1350188	42.282	0.768	2.344	30.500	เชื้อเพลิง Deisel	
08-Feb-22 13:00:00	19.896	0.358	2.392	2.552	14.359	14.380	1753339.600	213.489	0.065631	18.230935	0.001641176	0.455882212	0.004194	1.1650086	42.257	0.767	2.392	30.512	เชื้อเพลิง Deisel	
08-Feb-22 14:00:00	19.903	0.358	2.261	2.427	14.385	14.380	1733192.261	209.763	0.064900	18.027695	0.001623575	0.450993103	0.003918	1.0884718	42.261	0.764	2.261	30.531	เชื้อเพลิง Deisel	
08-Feb-22 15:00:00	19.897	0.360	2.127	2.271	14.359	14.380	1764914.185	207.193	0.066067	18.352700	0.00166331	0.46203056	0.003754	1.0426612	42.256	0.765	2.127	30.510	เชื้อเพลิง Deisel	
08-Feb-22 16:00:00	20.147	0.000	2.224	2.376	11.248	14.457	1749946.045	207.861	0.066330	18.425053	0	0	0.003892	1.0809796	43.313	0.000	2.224	24.207	เชื้อเพลิง Deisel	
08-Feb-22 17:00:00	20.156	0.000	2.690	2.847	11.258	14.459	1770808.472	209.483	0.067150	18.652747	0	0	0.004764	1.3234309	43.320	0.000	2.690	24.209	เชื้อเพลิง Deisel	
08-Feb-22 18:00:00	20.717	0.000	2.551	2.697	11.794	14.386	1816130.859	213.165	0.070785	19.662620	0	0	0.004632	1.2866890	44.023	0.000	2.551	24.995	เชื้อเพลิง Deisel	
08-Feb-22 19:00:00	20.675	0.000	2.347	2.509	12.517	14.359	1783277.344	212.504	0.069365	19.267981	0	0	0.004186	1.1626943	43.766	0.000	2.347	26.525	เชื้อเพลิง Deisel	
08-Feb-22 20:00:00	19.479	0.000	2.657	2.818	15.188	14.379	1823328.369	211.983	0.066821	18.561269	0	0	0.004845	1.3458323	41.355	0.000	2.657	32.225	เชื้อเพลิง Deisel	
08-Feb-22 21:00:00	20.638	0.000	2.783	2.932	13.498	14.340	1798038.208	216.185	0.069814	19.392658	0	0	0.005004	1.3909029	43.845	0.000	2.783	28.441	เชื้อเพลิง Deisel	
08-Feb-22 22:00:00	20.449	0.000	2.552	2.732	12.518	14.323	1813328.125	215.821	0.069765	19.379156	0	0	0.004627	1.2852206	43.043	0.000	2.552	26.228	เชื้อเพลิง Deisel	
08-Feb-22 23:00:00	19.119	0.000	2.340	2.496	16.247	14.338	1778576.782	220.389	0.063975	17.770782	0	0	0.004162	1.1561553	40.356	0.000	2.340	34.081	เชื้อเพลิง Deisel	
09-Feb-22 00:00:00	19.133	0.000	2.897	3.050	19.490	14.364	1798491.455	220.223	0.064738	17.982893	0	0	0.005210	1.4472078	40.514	0.000	2.897	41.507	เชื้อเพลิง Deisel	
09-Feb-22 01:00:00	19.914	0.000	2.823	2.984	15.732	14.312	1831256.592	218.380	0.068610	19.058245	0	0	0.005169	1.4359689	41.843	0.000	2.823	33.114	เชื้อเพลิง Deisel	
09-Feb-22 02:00:00	20.226	0.000	2.774	2.838	14.810	14.245	1790693.237	220.831	0.068142	18.928301	0	0	0.004967	1.3796942	42.083	0.000	2.774	31.708	เชื้อเพลิง Deisel	
09-Feb-22 03:00:00	19.321	0.000	2.943	3.059	18.478	14.289	1779283.569	218.811	0.064677	17.965776	0	0	0.005237	1.4546280	40.458	0.000	2.943	38.833	เชื้อเพลิง Deisel	
09-Feb-22 04:00:00	19.294	0.000	2.496	2.652	18.578	14.294	1775774.048	217.792	0.064461	17.905950	0	0	0.004432	1.2310401	40.431	0.000	2.496	39.132	เชื้อเพลิง Deisel	
09-Feb-22 05:00:00	18.663	0.000	3.114	3.277	22.134	14.312	1804765.503	221.038	0.063369	17.602594	0	0	0.005621	1.5613329	39.403	0.000	3.114	46.673	เชื้อเพลิง Deisel	
09-Feb-22 06:00:00	20.442	0.000	2.506	2.660	15.098	14.241	1809656.372	220.448	0.069598	19.326757	0	0	0.004535	1.2597931	42.501	0.000	2.506	31.129	เชื้อเพลิง Deisel	
09-Feb-22 07:00:00	19.017	0.000	2.719	2.893	21.605	14.281	1824780.273	218.176	0.065286	18.135025	0	0	0.004962	1.3781977	39.780	0.000	2.719	45.336	เชื้อเพลิง Deisel	
09-Feb-22 08:00:00	18.331	0.000	3.208	3.383	24.162	14.321	1812622.925	223.654	0.062514	17.364891	0	0	0.005815	1.6154083	38.547	0.000	3.208	51.077	เชื้อเพลิง Deisel	
09-Feb-22 09:00:00	18.107	0.000	2.639	2.790	21.675	14.338	1813949.951	220.361	0.061793	17.164761	0	0	0.004787	1.3297975	38.189	0.000	2.639	45.922	เชื้อเพลิง Deisel	
09-Feb-22 10:00:00	18.417	0.000	2.496	2.625	16.725	14.310	1808175.171	219.810	0.062653	17.403737	0	0	0.004513	1.2535434	38.704	0.000	2.496	34.604	เชื้อเพลิง Deisel	
09-Feb-22 11:00:00	18.598	0.461	2.897	3.071	16.158	14.286	1806102.783	218.571	0.063197	17.554691	0.002179198	0.605332797	0.005232	1.4534412	38.929	0.973	2.897	33.806	เชื้อเพลิง Deisel	
09-Feb-22 12:00:00	19.480	0.506	2.866	3.013	13.362	14.306	1770725.586	210.566	0.064896	18.026794	0.002343996	0.65110988	0.005074	1.4095090	40.729	1.077	2.866	27.852	เชื้อเพลิง Deisel	
09-Feb-22 13:00:00	18.645	0.503	2.724	2.878	14.593	14.336	1769496.948	210.220	0.062070	17.247172	0.002329542	0.647094936	0.004820	1.3389829	39.329	1.061	2.724	30.892	เชื้อเพลิง Deisel	
09-Feb-22 14:00:00	19.456	0.472	2.333	2.475	12.524	14.303	1784550.659	209.810	0.065322	18.144902	0.002202792	0.61188658	0.004164	1.1566352	40.838	0.990	2.333	25.896	เชื้อเพลิง Deisel	
09-Feb-22 15:00:00	18.551	0.470	2.547	2.685</																

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2022 00:00-28/2/2022 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O ₂	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O ₂	HRSG11_SOx@7%O ₂	HRSG11_Dust (7%O ₂)	HRSG11_CO@7%O ₂		
	ppm	ppm	mg/m ³	%	ppm	%	m ³ /hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m ³	ppm		
11-Feb-22 13:00:00	19.066	0.319	2.779	2.945	19.536	14.274	1779083.374	215.901	0.063816	17.726591	0.001483981	0.412216927	0.004943	1.3731489	39.831	0.667	2.779	40.813	เชื้อเพลิง Deisel	
11-Feb-22 14:00:00	18.487	0.364	2.586	2.745	18.729	14.310	1764004.517	217.187	0.061353	17.042548	0.001679694	0.466581642	0.004562	1.2671902	38.857	0.769	2.586	38.926	เชื้อเพลิง Deisel	
11-Feb-22 15:00:00	19.992	0.367	2.624	2.774	15.607	14.295	1759274.902	210.236	0.062861	17.461489	0.001691003	0.469723138	0.004617	1.2823694	39.813	0.775	2.624	32.751	เชื้อเพลิง Deisel	
11-Feb-22 16:00:00	19.122	0.352	2.156	2.320	15.031	14.305	1767357.910	209.407	0.063583	17.661829	0.001626587	0.451829849	0.003811	1.0586323	39.916	0.742	2.156	31.666	เชื้อเพลิง Deisel	
11-Feb-22 17:00:00	17.775	0.403	2.437	2.593	19.985	14.286	1752171.509	214.865	0.058956	16.276709	0.001847515	0.513198644	0.004271	1.1862664	37.198	0.855	2.437	41.824	เชื้อเพลิง Deisel	
11-Feb-22 18:00:00	19.455	0.364	2.605	2.717	15.210	14.227	1791269.287	213.307	0.065567	18.212919	0.001706385	0.473995714	0.004666	1.2962139	40.567	0.756	2.605	31.983	เชื้อเพลิง Deisel	
11-Feb-22 19:00:00	18.812	0.368	2.266	2.421	16.978	14.236	1785046.753	218.178	0.063176	17.548891	0.00171961	0.477669373	0.004045	1.1235799	39.081	0.762	2.266	35.167	เชื้อเพลิง Deisel	
11-Feb-22 20:00:00	18.547	0.419	2.684	2.844	21.015	14.223	1771519.531	220.634	0.061815	17.170703	0.00194439	0.540108386	0.004755	1.3207771	38.506	0.861	2.684	43.681	เชื้อเพลิง Deisel	
11-Feb-22 21:00:00	18.979	0.386	2.707	2.869	18.373	14.254	1811945.801	216.924	0.064698	17.971571	0.001832753	0.509098103	0.004905	1.3626134	39.536	0.805	2.707	38.410	เชื้อเพลิง Deisel	
11-Feb-22 22:00:00	19.393	0.392	2.142	2.303	18.165	14.202	1802125.854	212.056	0.065752	18.264465	0.00185147	0.51429725	0.003861	1.0723859	40.100	0.811	2.142	37.779	เชื้อเพลิง Deisel	
11-Feb-22 23:00:00	20.182	0.369	2.147	2.330	15.484	14.199	1789308.838	218.124	0.067939	18.872026	0.001726207	0.479502068	0.003841	1.0670735	41.728	0.767	2.147	32.420	เชื้อเพลิง Deisel	
12-Feb-22 00:00:00	18.635	0.355	2.795	2.962	21.805	14.282	1796072.632	218.769	0.062971	17.491914	0.001667183	0.463106395	0.005020	1.3945000	39.164	0.741	2.795	45.547	เชื้อเพลิง Deisel	
12-Feb-22 01:00:00	19.368	0.212	3.022	3.189	17.920	14.225	1809355.469	218.834	0.065932	18.314448	0.001004772	0.279103207	0.005468	1.5189317	40.181	0.436	3.022	37.122	เชื้อเพลิง Deisel	
12-Feb-22 02:00:00	18.868	0.383	2.580	2.731	20.857	14.241	1775772.583	219.252	0.063035	17.509773	0.001779715	0.494365205	0.004581	1.2724401	39.232	0.796	2.580	43.695	เชื้อเพลิง Deisel	
12-Feb-22 03:00:00	18.560	0.345	2.571	2.671	21.521	14.246	1779773.560	218.607	0.062148	17.263435	0.001609535	0.447092931	0.004576	1.2711281	38.760	0.715	2.571	45.548	เชื้อเพลิง Deisel	
12-Feb-22 04:00:00	18.113	0.409	2.878	3.048	27.422	14.279	1781573.486	217.846	0.060710	16.863967	0.001908151	0.530041841	0.005127	1.4242260	37.877	0.855	2.878	57.456	เชื้อเพลิง Deisel	
12-Feb-22 05:00:00	19.202	0.346	2.807	2.974	20.942	14.213	1823953.369	219.701	0.065891	18.303146	0.001648086	0.458279539	0.005121	1.4223812	39.763	0.715	2.807	43.640	เชื้อเพลิง Deisel	
12-Feb-22 06:00:00	19.341	0.345	3.399	3.585	17.545	14.203	1822713.989	217.739	0.066325	18.423477	0.001648065	0.457795732	0.006195	1.7207392	39.990	0.707	3.399	36.183	เชื้อเพลิง Deisel	
12-Feb-22 07:00:00	17.543	0.367	2.945	3.097	26.834	14.261	1757948.730	218.207	0.058022	16.117172	0.001687368	0.468713228	0.005178	1.4383399	36.593	0.764	2.945	55.786	เชื้อเพลิง Deisel	
12-Feb-22 08:00:00	19.318	0.361	3.327	3.540	20.580	14.193	1786012.939	216.041	0.064911	18.030865	0.001685845	0.468290349	0.005942	1.6506469	39.878	0.748	3.327	43.098	เชื้อเพลิง Deisel	
12-Feb-22 09:00:00	19.213	0.342	3.045	3.219	19.574	14.219	1800340.210	216.779	0.065077	18.076960	0.001613726	0.448257146	0.005483	1.5229190	39.833	0.728	3.045	40.430	เชื้อเพลิง Deisel	
12-Feb-22 10:00:00	18.572	0.314	2.793	2.964	20.877	14.247	1833964.600	218.752	0.064082	17.800502	0.001505911	0.418308728	0.005122	1.4228397	38.457	0.721	2.793	43.380	เชื้อเพลิง Deisel	
12-Feb-22 11:00:00	19.552	0.298	2.462	2.622	15.789	14.233	1795469.727	213.482	0.066048	18.346590	0.001399388	0.388718996	0.004420	1.2276877	40.391	0.617	2.462	32.349	เชื้อเพลิง Deisel	
12-Feb-22 12:00:00	18.974	0.366	2.451	2.617	17.412	14.251	1781291.626	215.869	0.063588	17.663330	0.001709683	0.474634254	0.004367	1.2129969	39.500	0.763	2.451	36.006	เชื้อเพลิง Deisel	
12-Feb-22 13:00:00	18.288	0.423	2.585	2.758	18.492	14.299	1732952.393	217.042	0.059625	16.562629	0.001917419	0.532616479	0.004481	1.2445924	38.353	0.887	2.585	38.691	เชื้อเพลิง Deisel	
12-Feb-22 14:00:00	18.410	0.424	2.521	2.685	15.154	14.270	1807954.712	210.035	0.062620	17.394419	0.002005778	0.557161216	0.004557	1.2659215	38.455	0.885	2.521	31.891	เชื้อเพลิง Deisel	
12-Feb-22 15:00:00	18.689	0.447	2.989	3.170	16.788	14.207	1782420.044	216.849	0.062673	17.409108	0.002086626	0.579618231	0.005328	1.4800156	38.748	0.901	2.989	34.573	เชื้อเพลิง Deisel	
12-Feb-22 16:00:00	18.910	0.354	2.925	3.091	17.412	14.174	1792370.483	213.959	0.063768	17.713254	0.001662556	0.461820982	0.005242	1.4561859	38.925	0.730	2.925	35.623	เชื้อเพลิง Deisel	
12-Feb-22 17:00:00	17.647	0.395	2.991	3.173	25.545	14.268	1785479.980	217.370	0.059280	16.466582	0.001847948	0.513318778	0.005341	1.4835603	36.844	0.836	2.991	53.465	เชื้อเพลิง Deisel	
12-Feb-22 18:00:00	19.437	0.326	2.967	3.183	19.568	14.212	1819256.836	217.329	0.066528	18.479894	0.001551902	0.431083778	0.005398	1.4993718	40.390	0.670	2.967	41.135	เชื้อเพลิง Deisel	
12-Feb-22 19:00:00	17.937	0.539	2.664	2.834	27.572	14.269	1784357.200	216.170	0.060216	16.726706	0.002518168	0.699491058	0.004754	1.3206294	37.692	1.126	2.664	57.573	เชื้อเพลิง Deisel	
12-Feb-22 20:00:00	17.918	0.316	2.797	2.958	23.713	14.233	1741952.271	219.211	0.058723	16.311974	0.001440058	0.400016007	0.004873	1.3535502	37.216	0.655	2.797	49.345	เชื้อเพลิง Deisel	
12-Feb-22 21:00:00	18.612	0.397	2.760	2.930	20.853	14.210	1816591.309	221.366	0.063611	17.669615	0.001885613	0.523781443	0.005014	1.3928410	38.525	0.830	2.760	43.062	เชื้อเพลิง Deisel	
12-Feb-22 22:00:00	18.800	0.295	2.622	2.779	19.789	14.183	1807570.679	217.360	0.063935	17.759673	0.001393576	0.387104471	0.004739	1.3164509	38.752	0.608	2.622	40.501	เชื้อเพลิง Deisel	
12-Feb-22 23:00:00	17.253	0.329	2.494	2.657	27.101	14.236	1798590.576	216.657	0.058380	16.216651	0.001547431	0.42984205	0.004486	1.2461576	35.820	0.683	2.494	56.302	เชื้อเพลิง Deisel	
13-Feb-22 00:00:00	19.380	0.348	2.615	2.786	18.384	14.146	1785759.644	218.312	0.065110	18.086027	0.001628874	0.452465056	0.004670	1.2973497	39.724	0.716	2.615	37.228	เชื้อเพลิง Deisel	
13-Feb-22 01:00:00	19.728	0.297	3.466	3.629	16.527	14.144	1820517.700	220.500	0.067570	18.7695										

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/2/2022 00:00-28/2/2022 23:59

[illegible]

Site Name:GULF_GUT
Stack Name:HRSO_STACK11
Periodically:01/2/2022 00:00-28/2/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	12.28	0.00	0.25	0.40	0.00	13.13	1,270,919.19	142.09	0.03	9.24	0.00	0.00	0.00	0.12	26.59	0.00	0.25	0.00	
Maximum	23.11	0.63	3.47	3.63	262.11	14.71	1,876,045.17	273.46	0.08	21.76	0.00	0.82	0.01	1.75	48.58	1.32	3.47	585.85	
Avg	18.90	0.31	2.50	2.66	25.85	14.26	1,752,916.81	211.93	0.06	17.39	0.00	0.40	0.00	1.22	39.41	0.65	2.50	54.87	
sum									13.58		0.31		0.96						
STD									STD = 40.8		STD = 8.11		STD = 5.71		STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/2/2022 00:00-28/2/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O ₂	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O ₂	HRSG11_SOx@7%O ₂	HRSG11_Dust (7%O ₂)	HRSG11_CO@7%O ₂	
	ppm	ppm	mg/m ³	%	ppm	%	m ³ /hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m ³	ppm	
08-Feb-22 01:00:00	13.182	0.000	2.229	2.331	6.773	14.375	1746056.885	221.833	0.043304	12.028891	0	0	0.003893	1.0812538	27.970	0.000	2.229	14.283	เชื้อเพลิง Deisel
08-Feb-22 02:00:00	13.918	0.000	3.152	3.257	6.333	14.351	1681286.133	219.974	0.044024	12.228848	0	0	0.005299	1.4719689	29.422	0.000	3.152	13.292	เชื้อเพลิง Deisel
08-Feb-22 03:00:00	13.987	0.000	3.533	3.807	5.156	14.298	1701311.890	213.305	0.044769	12.435899	0	0	0.006011	1.6697963	29.332	0.000	3.533	10.608	เชื้อเพลิง Deisel
08-Feb-22 04:00:00	14.239	0.000	2.948	3.044	4.794	14.315	1762757.080	221.154	0.047223	13.117467	0	0	0.005196	1.4434715	29.937	0.000	2.948	10.035	เชื้อเพลิง Deisel
08-Feb-22 05:00:00	13.063	0.000	2.852	2.933	9.595	14.353	1701481.689	219.844	0.041816	11.615617	0	0	0.004853	1.3481234	27.624	0.000	2.852	20.196	เชื้อเพลิง Deisel
08-Feb-22 06:00:00	13.403	0.000	2.751	2.874	7.978	14.317	1675803.833	223.239	0.042257	11.737961	0	0	0.004610	1.2806193	28.185	0.000	2.751	16.598	เชื้อเพลิง Deisel
08-Feb-22 07:00:00	13.093	0.000	3.296	3.442	8.481	14.332	1682304.688	216.744	0.041441	11.511496	0	0	0.005545	1.5401816	27.590	0.000	3.296	17.821	เชื้อเพลิง Deisel
08-Feb-22 08:00:00	12.214	0.000	3.139	3.182	12.151	14.392	1700508.667	221.239	0.039076	10.854544	0	0	0.005337	1.4825480	25.982	0.000	3.139	25.838	เชื้อเพลิง Deisel
08-Feb-22 09:00:00	13.165	0.000	2.764	2.824	7.749	14.345	1690854.980	222.077	0.041878	11.632881	0	0	0.004674	1.2982662	27.804	0.000	2.764	16.124	เชื้อเพลิง Deisel
08-Feb-22 10:00:00	13.275	0.000	2.698	2.822	6.180	14.349	1710556.152	220.632	0.042723	11.867387	0	0	0.004616	1.2821153	28.058	0.000	2.698	12.772	เชื้อเพลิง Deisel
08-Feb-22 11:00:00	13.291	0.000	2.415	2.516	5.323	14.340	1775240.723	218.215	0.044392	12.331006	0	0	0.004287	1.1908174	28.042	0.000	2.415	11.198	เชื้อเพลิง Deisel
08-Feb-22 12:00:00	12.288	0.000	2.279	2.419	4.142	14.785	1693122.559	220.064	0.039143	10.873061	0	0	0.003858	1.0716160	27.807	0.000	2.279	9.665	เชื้อเพลิง Deisel
08-Feb-22 13:00:00	1.457	0.000	2.136	2.209	0.000	20.839	1699873.535	220.330	0.004659	1.294233	0	0	0.003631	1.0087462	21.342	0.000	2.136	0.000	เชื้อเพลิง Deisel
08-Feb-22 14:00:00	14.569	0.000	1.815	1.907	2.751	14.374	1685538.696	220.805	0.046200	12.833336	0	0	0.003059	0.8496929	30.900	0.000	1.815	5.949	เชื้อเพลิง Deisel
08-Feb-22 15:00:00	1.247	0.000	1.941	2.024	0.000	21.146	1679233.398	218.537	0.003939	1.094210	0	0	0.003260	0.9055468	18.309	0.000	1.941	0.000	เชื้อเพลิง Deisel
08-Feb-22 16:00:00	1.835	0.000	1.946	2.044	0.000	21.152	1674995.728	219.038	0.005783	1.606521	0	0	0.003259	0.9053798	26.949	0.000	1.946	0.000	เชื้อเพลิง Deisel
08-Feb-22 17:00:00	14.067	0.000	2.186	2.314	3.102	14.442	1700357.544	221.388	0.045000	12.500081	0	0	0.003717	1.0324012	30.178	0.000	2.186	6.817	เชื้อเพลิง Deisel
08-Feb-22 18:00:00	13.936	0.000	2.741	2.851	3.310	14.469	1679305.542	218.428	0.044029	12.230333	0	0	0.004604	1.2788230	29.988	0.000	2.741	7.117	เชื้อเพลิง Deisel
08-Feb-22 19:00:00	13.417	0.000	2.576	2.674	4.470	14.510	1695988.770	220.563	0.042811	11.891937	0	0	0.004368	1.2134388	29.062	0.000	2.576	9.787	เชื้อเพลิง Deisel
08-Feb-22 20:00:00	13.695	0.000	2.628	2.735	4.804	14.474	1714466.675	218.693	0.044174	12.270680	0	0	0.004506	1.2516235	29.502	0.000	2.628	10.100	เชื้อเพลิง Deisel
08-Feb-22 21:00:00	13.527	0.000	2.298	2.388	5.314	14.519	1709721.558	217.632	0.043510	12.086140	0	0	0.003929	1.0914461	29.324	0.000	2.298	11.602	เชื้อเพลิง Deisel
08-Feb-22 22:00:00	13.149	0.000	2.446	2.524	5.885	14.528	1693428.833	220.324	0.041892	11.636640	0	0	0.004142	1.1504946	28.556	0.000	2.446	13.162	เชื้อเพลิง Deisel
08-Feb-22 23:00:00	13.508	0.000	1.880	2.021	5.915	14.516	1687992.554	222.885	0.042898	11.916023	0	0	0.003173	0.8814071	29.320	0.000	1.880	12.834	เชื้อเพลิง Deisel
09-Feb-22 00:00:00	13.232	0.000	2.248	2.335	6.998	14.590	1692595.581	220.651	0.042136	11.704581	0	0	0.003804	1.0567811	29.020	0.000	2.248	15.133	เชื้อเพลิง Deisel
09-Feb-22 01:00:00	13.791	0.000	2.427	2.515	6.142	14.537	1760119.507	221.385	0.045669	12.685829	0	0	0.004272	1.1866925	30.011	0.000	2.427	13.322	เชื้อเพลิง Deisel
09-Feb-22 02:00:00	13.620	0.000	2.705	2.788	5.624	14.539	1738562.256	223.247	0.044551	12.375402	0	0	0.004703	1.3065116	29.669	0.000	2.705	11.881	เชื้อเพลิง Deisel
09-Feb-22 03:00:00	12.713	0.000	2.823	2.926	8.720	14.607	1711132.324	219.674	0.040926	11.368212	0	0	0.004830	1.3416058	27.941	0.000	2.823	19.229	เชื้อเพลิง Deisel
09-Feb-22 04:00:00	13.139	0.000	3.516	3.541	7.017	14.537	1686403.442	215.007	0.041686	11.579501	0	0	0.005929	1.6469626	28.581	0.000	3.516	15.201	เชื้อเพลิง Deisel
09-Feb-22 05:00:00	12.571	0.000	3.014	3.116	10.440	14.580	1687911.987	221.869	0.039922	11.089310	0	0	0.005088	1.4132562	27.535	0.000	3.014	22.475	เชื้อเพลิง Deisel
09-Feb-22 06:00:00	13.049	0.000	2.815	2.928	7.188	14.562	1685688.477	220.718	0.041384	11.495688	0	0	0.004745	1.3181521	28.499	0.000	2.815	16.148	เชื้อเพลิง Deisel
09-Feb-22 07:00:00	12.080	0.000	3.124	3.171	11.431	14.581	1721499.634	215.088	0.039125	10.867935	0	0	0.005378	1.4938418	26.447	0.000	3.124	25.249	เชื้อเพลิง Deisel
09-Feb-22 08:00:00	13.516	0.000	3.623	3.712	7.198	14.532	1699268.188	218.998	0.043212	12.003205	0	0	0.006156	1.7100668	29.377	0.000	3.623	15.563	เชื้อเพลิง Deisel
09-Feb-22 09:00:00	12.522	0.000	2.785	2.963	9.289	14.562	1690386.597	219.536	0.039822	11.061672	0	0	0.004707	1.3075973	27.353	0.000	2.785	20.281	เชื้อเพลิง Deisel
09-Feb-22 10:00:00	13.310	0.000	2.565	2.647	5.688	14.512	1668420.410	218.800	0.041779	11.605185	0	0	0.004280	1.1889153	28.847	0.000	2.565	12.263	เชื้อเพลิง Deisel
09-Feb-22 11:00:00	12.453	0.000	2.526	2.571	9.773	14.581	1682822.998	219.609	0.039426	10.951750	0	0	0.004250	1.1805747	27.275	0.000	2.526	21.390	เชื้อเพลิง Deisel
09-Feb-22 12:00:00	12.008	0.474	2.708	2.792	4.796	14.184	1699742.432	218.923	0.038399	10.666298	0.002110935	0.586370834	0.004603	1.2785529	24.748	0.978	2.708	9.776	เชื้อเพลิง Deisel
09-Feb-22 13:00:00	12.016	0.110	2.600	2.720	4.305	14.294	1708893.921	217.668	0.038632	10.731064	0.000494006	0.137223933	0.004443	1.2342064	25.182	0.231	2.600	9.109	เชื้อเพลิง Deisel
09-Feb-22 14:00:00	11.677	0.000	2.478	2.565	4.031	14.367	1693715.210	222.415	0.037210	10.336136	0	0	0.004197	1.1659610	24.746	0.007	2.478	8.547	เชื้อเพลิง Deisel
09-Feb-22 15:00:00	11.749	0.000	2.447	2.554	3.360	14.375	1721580.566	219.551	0.038055	10.570964	0	0	0.004213	1.1702866	24.920	0.000	2.447	7.204	เชื้อเพลิง Deisel
09-Feb-22 16:00:00	11.914	0.000	3.026	3.152	3.691	14.376	1705374.023	219.042	0.038226	10.618436	0	0</							

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/2/2022 00:00-28/2/2022 23:59

Date & Time	Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2			
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm			
11-Feb-22 13:00:00	10.681	0.000	2.822	2.932	7.379	14.455	1721356.567	215.996	0.034589	9.608152	0	0	0.004858	1.3494627	22.939	0.000	2.822	15.894	เชื้อเพลิง Deisel		
11-Feb-22 14:00:00	11.498	0.000	2.268	2.322	5.023	14.413	1623115.967	216.710	0.035111	9.752928	0	0	0.003682	1.0227419	24.508	0.000	2.268	10.720	เชื้อเพลิง Deisel		
11-Feb-22 15:00:00	11.627	0.000	2.395	2.484	4.191	14.403	1690901.855	215.973	0.036987	10.274126	0	0	0.004049	1.1247464	24.773	0.000	2.395	8.895	เชื้อเพลิง Deisel		
11-Feb-22 16:00:00	10.954	0.000	2.270	2.371	5.066	14.445	1694648.438	217.698	0.034926	9.701580	0	0	0.003847	1.0685353	23.520	0.000	2.270	11.032	เชื้อเพลิง Deisel		
11-Feb-22 17:00:00	10.157	0.000	2.396	2.486	7.781	14.422	1653479.492	217.962	0.031598	8.777219	0	0	0.003961	1.1002966	21.704	0.000	2.396	16.774	เชื้อเพลิง Deisel		
11-Feb-22 18:00:00	11.134	0.000	3.056	3.132	6.129	14.364	1650990.234	220.777	0.034585	9.607018	0	0	0.005045	1.4013771	23.561	0.000	3.056	13.121	เชื้อเพลิง Deisel		
11-Feb-22 19:00:00	11.223	0.000	2.680	2.774	5.843	14.349	1715950.317	218.995	0.036232	10.064417	0	0	0.004598	1.2727102	23.735	0.000	2.680	12.331	เชื้อเพลิง Deisel		
11-Feb-22 20:00:00	11.497	0.000	2.867	2.938	5.740	14.332	1670458.374	220.526	0.036133	10.037022	0	0	0.004789	1.3302560	24.231	0.000	2.867	12.122	เชื้อเพลิง Deisel		
11-Feb-22 21:00:00	10.783	0.000	2.610	2.700	7.707	14.372	1709448.120	218.012	0.034679	9.633044	0	0	0.004462	1.2394953	22.868	0.000	2.610	16.316	เชื้อเพลิง Deisel		
11-Feb-22 22:00:00	11.038	0.000	2.399	2.488	6.528	14.326	1679175.659	217.856	0.034871	9.686482	0	0	0.004029	1.1191830	23.245	0.000	2.399	13.856	เชื้อเพลิง Deisel		
11-Feb-22 23:00:00	10.025	0.000	2.531	2.649	11.774	14.445	1745455.444	220.656	0.032920	9.144362	0	0	0.004418	1.2272012	21.496	0.000	2.531	25.251	เชื้อเพลิง Deisel		
12-Feb-22 00:00:00	10.709	0.000	2.612	2.703	9.038	14.425	1664273.315	217.532	0.033530	9.314005	0	0	0.004347	1.2073993	22.888	0.000	2.612	19.052	เชื้อเพลิง Deisel		
12-Feb-22 01:00:00	10.986	0.000	3.248	3.348	8.167	14.423	1693657.104	219.368	0.035006	9.723793	0	0	0.005502	1.5282008	23.482	0.008	3.248	17.597	เชื้อเพลิง Deisel		
12-Feb-22 02:00:00	11.362	0.000	3.366	3.367	6.942	14.384	1683149.902	218.292	0.035980	9.994383	0	0	0.005666	1.5739370	24.138	0.000	3.366	14.531	เชื้อเพลิง Deisel		
12-Feb-22 03:00:00	9.926	0.000	3.115	3.171	14.268	14.482	1613895.996	218.556	0.030140	8.372200	0	0	0.005028	1.3966757	21.410	0.001	3.115	30.825	เชื้อเพลิง Deisel		
12-Feb-22 04:00:00	10.211	0.000	3.181	3.388	12.726	14.474	1656349.365	218.708	0.031819	8.838517	0	0	0.005270	1.4637540	22.002	0.000	3.181	27.107	เชื้อเพลิง Deisel		
12-Feb-22 05:00:00	10.136	0.000	3.535	3.604	13.889	14.466	1636331.299	217.679	0.031204	8.667748	0	0	0.005785	1.6068229	21.805	0.000	3.535	29.750	เชื้อเพลิง Deisel		
12-Feb-22 06:00:00	10.309	0.000	2.868	2.993	12.022	14.454	1677369.507	219.167	0.032533	9.036948	0	0	0.004810	1.3362173	22.138	0.000	2.868	25.715	เชื้อเพลิง Deisel		
12-Feb-22 07:00:00	10.229	0.000	3.128	3.205	13.752	14.417	1654006.348	215.363	0.031831	8.842070	0	0	0.005174	1.4372460	21.841	0.001	3.128	29.249	เชื้อเพลิง Deisel		
12-Feb-22 08:00:00	10.489	0.008	3.030	3.158	12.836	14.434	1651454.834	219.447	0.032589	9.052519	3.62876E-05	0.0100799	0.005004	1.3900726	22.420	0.000	3.030	27.689	เชื้อเพลิง Deisel		
12-Feb-22 09:00:00	9.924	0.000	2.653	2.755	14.078	14.503	1726307.361	216.039	0.032233	8.953664	0	0	0.004579	1.2720368	21.464	0.002	2.653	30.605	เชื้อเพลิง Deisel		
12-Feb-22 10:00:00	11.241	0.016	2.903	2.996	7.316	14.424	1666766.602	220.114	0.035250	9.791715	6.94955E-05	0.019304307	0.004839	1.3440528	24.027	0.000	2.903	15.634	เชื้อเพลิง Deisel		
12-Feb-22 11:00:00	10.876	0.004	2.027	2.117	7.230	14.482	1700227.539	211.510	0.034791	9.664289	1.75577E-05	0.004877136	0.003447	0.9574036	23.460	0.009	2.027	15.387	เชื้อเพลิง Deisel		
12-Feb-22 12:00:00	10.550	0.002	2.287	2.364	6.892	14.479	1672525.635	217.653	0.033199	9.221815	8.99495E-06	0.002498596	0.003826	1.0626675	22.740	0.008	2.287	14.968	เชื้อเพลิง Deisel		
12-Feb-22 13:00:00	11.225	0.000	2.306	2.408	5.208	14.457	1718909.180	215.269	0.036301	10.083641	0	0	0.003964	1.0112083	24.107	0.000	2.306	10.902	เชื้อเพลิง Deisel		
12-Feb-22 14:00:00	10.553	0.000	2.208	2.313	6.659	14.449	1665456.055	215.700	0.033065	9.184845	2.51037E-07	6.97325E-05	0.003677	1.0214154	22.643	0.021	2.208	14.281	เชื้อเพลิง Deisel		
12-Feb-22 15:00:00	10.005	0.000	3.047	3.122	10.225	14.428	1633808.594	218.674	0.030755	8.543027	0	0	0.004979	1.3829831	21.399	0.000	3.047	21.105	เชื้อเพลิง Deisel		
12-Feb-22 16:00:00	10.529	0.000	3.248	3.319	7.218	14.337	1637503.906	217.803	0.032436	9.010133	0	0	0.005319	1.4774991	22.210	0.000	3.248	14.984	เชื้อเพลิง Deisel		
12-Feb-22 17:00:00	10.100	0.000	3.289	3.438	11.622	14.419	1674771.973	218.036	0.031824	8.839893	0	0	0.005509	1.5301727	21.574	0.000	3.289	24.825	เชื้อเพลิง Deisel		
12-Feb-22 18:00:00	10.669	0.000	3.046	3.095	9.066	14.345	1698226.563	219.540	0.034088	9.468804	0	0	0.005173	1.4369976	22.547	0.000	3.046	19.144	เชื้อเพลิง Deisel		
12-Feb-22 19:00:00	10.019	0.000	2.793	2.843	12.580	14.390	1649499.268	214.692	0.031093	8.637064	0	0	0.004606	1.2795348	21.291	0.000	2.793	26.305	เชื้อเพลิง Deisel		
12-Feb-22 20:00:00	10.614	0.000	2.740	2.829	8.818	14.359	1678934.570	218.939	0.033528	9.313233	0	0	0.004600	1.2777978	22.461	0.000	2.740	18.675	เชื้อเพลิง Deisel		
12-Feb-22 21:00:00	10.634	0.000	3.111	3.162	10.133	14.379	1670527.222	220.068	0.033423	9.284227	0	0	0.005197	1.4435355	22.570	0.000	3.111	21.171	เชื้อเพลิง Deisel		
12-Feb-22 22:00:00	10.331	0.004	3.436	3.549	9.899	14.357	1701531.250	219.922	0.033072	9.186696	1.77058E-05	0.004918273	0.005846	1.6237862	21.864	0.009	3.436	20.709	เชื้อเพลิง Deisel		
12-Feb-22 23:00:00	10.037	0.030	2.646	2.719	13.259	14.374	1709743.408	217.378	0.032287	8.968574	0.000132241	0.036733576	0.004523	1.2564916	21.291	0.082	2.646	27.303	เชื้อเพลิง Deisel		
13-Feb-22 00:00:00	10.479	0.024	2.889	3.014	10.556	14.374	1679619.751	220.172	0.033115	9.198719	0.000105786	0.029384883	0.004852	1.3477767	22.248	0.038	2.889	22.534	เชื้อเพลิง Deisel		
13-Feb-22 01:00:00	10.644	0.010	3.541	3.609	9.618	14.388	1690829.224	218.166	0.033859	9.405369	4.45637E-05	0.012378798	0.005987	1.6630135	22.627	0.042	3.541	20.372	เชื้อเพลิง Deisel		
13-Feb-22 02:00:00	10.589	0.000	3.292	3.389	9.762	14.411	1701676.147	220.746	0.033901	9.416890	0	0	0.005602	1.5562295	22.591	0.000	3.292	20.535	เชื้อเพลิง Deisel		
13-Feb-22 03:00:00	10.539	0.000	2.856	2.962	12.375	14.433	1651885.620	213.324	0.032755	9.098618	0	0	0.004719	1.3107075	22.539	0.000	2.856	25.822	เชื้อเพลิง Deisel		
13-Feb-22 04:00:00	10.392	0.001	2.716	2.775	10.238	14.															

Site Name:GULF_GUT
Stack Name:HRSO_STACK12
Periodically:01/2/2022 00:00-28/2/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	1.25	0.00	0.05	0.13	0.00	13.30	1,069,443.60	145.48	0.00	1.09	0.00	0.00	0.00	0.02	18.31	0.00	0.05	0.00	
Maximum	18.87	0.47	3.99	4.15	225.09	21.15	1,814,659.30	236.42	0.05	14.86	0.00	0.59	0.01	1.99	35.22	0.98	3.99	508.67	
Avg	11.91	0.01	2.68	2.77	11.68	14.49	1,663,322.49	215.62	0.04	10.36	0.00	0.01	0.00	1.24	25.62	0.01	2.68	25.30	
sum									8.20		0.01		0.99						
STD										STD = 40.8		STD = 8.11		STD = 5.71	STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name:GULF_GUT
Stack Name:HRSO_STACK21
Periodically:01/2/2022 00:00-28/2/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
Minimum	14.99	0.00	0.85	0.99	0.20	13.69	1,231,728.03	146.30	0.04	10.32	0.00	0.00	0.00	0.33	31.32	0.00	0.85	0.38	
Maximum	20.90	0.00	1.52	1.70	28.75	14.30	1,880,912.84	271.64	0.07	20.55	0.00	0.00	0.00	0.56	40.17	0.00	1.52	60.79	
Avg	16.86	0.00	1.22	1.38	17.33	14.11	1,394,408.80	174.55	0.04	12.43	0.00	0.00	0.00	0.47	34.35	0.00	1.22	36.25	
sum									0.36		0.00		0.01						
STD									STD = 40.8		STD = 8.11		STD = 5.71		STD = 70 ppm	STD = 10 ppm	STD = 20 mg/m3	STD = 690 ppm	

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2022 00:00-28/2/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2022 00:00-28/2/2022 23:59

[illegible]

GULF_GUT
HRSG_STACK22
01/2/2022 00:00-28/2/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/2/2022 00:00-28/2/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Mar-22 13:00:00	11.420	0.000	2.662	2.813	211.856	14.700	1431031.372	158.141	0.030746	8.540591	0	0	0.003809	1.0580961	25.487	0.000	2.662	472.678	
11-Mar-22 14:00:00	11.825	0.000	2.542	2.694	180.225	14.648	1434070.068	156.075	0.031905	8.862499	0	0	0.003645	1.0124206	26.178	0.000	2.542	399.000	
11-Mar-22 15:00:00	11.764	0.000	2.364	2.489	177.627	14.667	1407434.082	153.176	0.031149	8.652603	0	0	0.003327	0.9242693	26.117	0.000	2.364	394.474	
11-Mar-22 16:00:00	13.442	0.000	2.622	2.777	108.658	14.566	1438248.291	160.886	0.036372	10.103460	0	0	0.003771	1.0475170	29.377	0.000	2.622	237.226	
11-Mar-22 17:00:00	12.898	0.000	2.694	2.826	150.000	14.631	1423900.757	157.655	0.034554	9.598303	0	0	0.003836	1.0655283	28.474	0.000	2.694	337.054	
11-Mar-22 18:00:00	13.214	0.000	2.700	2.835	133.519	14.549	1380129.028	163.755	0.034312	9.531047	0	0	0.003726	1.0350804	28.813	0.000	2.700	290.985	
11-Mar-22 19:00:00	11.405	0.000	2.515	2.657	200.073	14.627	1398988.682	155.326	0.030039	8.344053	0	0	0.003521	0.9781136	25.164	0.000	2.515	441.340	
11-Mar-22 20:00:00	11.454	0.000	2.630	2.792	197.717	14.626	1377769.043	158.809	0.029689	8.246940	0	0	0.003623	1.0064671	25.272	0.000	2.630	436.337	
11-Mar-22 21:00:00	12.765	0.000	2.616	2.692	155.397	14.528	1412993.408	159.163	0.033935	9.426393	0	0	0.003696	1.0266514	27.899	0.000	2.616	337.475	
11-Mar-22 22:00:00	12.915	0.000	2.608	2.793	139.251	14.541	1399158.569	160.404	0.033997	9.443572	0	0	0.003649	1.0136171	27.924	0.000	2.608	295.960	
11-Mar-22 23:00:00	13.069	0.000	2.861	2.967	133.907	14.509	1394025.635	165.303	0.034277	9.521450	0	0	0.003988	1.1077433	28.307	0.000	2.861	296.241	
12-Mar-22 00:00:00	12.582	0.000	2.670	2.812	139.904	14.510	1375637.329	155.650	0.032565	9.045758	0	0	0.003673	1.0201960	27.281	0.000	2.670	303.560	
12-Mar-22 01:00:00	12.058	0.000	2.459	2.598	159.101	14.525	1363510.010	158.387	0.030932	8.592199	0	0	0.003353	0.9314313	26.182	0.000	2.459	345.115	
12-Mar-22 02:00:00	12.896	0.000	2.716	2.868	129.403	14.460	1344297.363	159.924	0.032616	9.059970	0	0	0.003651	1.0141178	27.722	0.000	2.716	278.111	
12-Mar-22 03:00:00	12.868	0.000	2.648	2.779	143.502	14.449	1439763.184	159.470	0.034855	9.681968	0	0	0.003813	1.0590355	27.612	0.000	2.648	307.883	
12-Mar-22 04:00:00	12.692	0.000	3.065	3.209	142.253	14.453	1339994.141	161.124	0.031997	8.888060	0	0	0.004106	1.1406788	27.234	0.000	3.065	305.017	
12-Mar-22 05:00:00	11.852	0.000	2.738	2.879	164.301	14.473	1329990.601	155.299	0.029656	8.237785	0	0	0.003641	1.0114410	25.560	0.000	2.738	353.909	
12-Mar-22 06:00:00	11.983	0.000	2.927	3.065	159.636	14.472	1325773.193	158.400	0.029890	8.302671	0	0	0.003881	1.0780294	25.811	0.000	2.927	343.743	
12-Mar-22 07:00:00	12.453	0.000	2.918	3.080	158.022	14.477	1363871.460	157.692	0.031954	8.876100	0	0	0.003980	1.1054889	26.835	0.000	2.918	340.532	
12-Mar-22 08:00:00	12.114	0.000	2.741	2.882	173.441	14.502	1343249.023	153.986	0.030615	8.504070	0	0	0.003682	1.0228469	26.189	0.000	2.741	375.368	
12-Mar-22 09:00:00	12.324	0.000	2.810	2.979	151.124	14.498	1374438.354	157.320	0.031869	8.852395	0	0	0.003862	1.0728606	26.659	0.000	2.810	322.860	
12-Mar-22 10:00:00	11.396	0.000	2.692	2.832	209.690	14.611	1345997.314	155.745	0.028859	8.016272	0	0	0.003624	1.0065805	25.066	0.000	2.692	461.501	
12-Mar-22 11:00:00	11.381	0.000	2.364	2.497	200.720	14.634	1341103.394	152.576	0.028716	7.976594	0	0	0.003171	0.8807615	25.121	0.000	2.364	437.266	
12-Mar-22 12:00:00	11.744	0.000	2.663	2.799	204.038	14.652	1363112.671	155.378	0.030119	8.366438	0	0	0.003629	1.0081604	26.015	0.000	2.663	451.928	
12-Mar-22 13:00:00	12.266	0.000	2.731	2.876	162.575	14.620	1400651.611	156.927	0.032323	8.978625	0	0	0.003825	1.0625200	27.034	0.000	2.731	358.160	
12-Mar-22 14:00:00	12.587	0.000	2.558	2.711	148.060	14.607	1375785.034	160.066	0.032581	9.050313	0	0	0.003519	0.9775816	27.678	0.000	2.558	326.138	
12-Mar-22 15:00:00	12.111	0.000	2.478	2.623	166.219	14.637	1406205.688	155.691	0.032042	8.900649	0	0	0.003484	0.9677822	26.804	0.000	2.478	367.307	
12-Mar-22 16:00:00	11.773	0.000	2.439	2.589	184.497	14.690	1391308.960	155.035	0.030817	8.560307	0	0	0.003393	0.9424735	26.235	0.000	2.439	411.283	
12-Mar-22 17:00:00	11.967	0.000	2.632	2.775	181.598	14.680	1374237.183	156.724	0.030940	8.594450	0	0	0.003617	1.0047101	26.616	0.000	2.632	404.386	
12-Mar-22 18:00:00	12.530	0.000	2.621	2.773	142.976	14.621	1379257.568	157.377	0.032515	9.031923	0	0	0.003614	1.0040083	27.608	0.000	2.621	316.437	
12-Mar-22 19:00:00	20.444	0.000	2.328	2.467	12.661	14.332	1684322.510	212.794	0.064785	17.995750	0	0	0.003921	1.0891304	43.089	0.000	2.328	26.441	
12-Mar-22 20:00:00	20.140	0.000	2.350	2.493	13.295	14.330	1648804.810	206.770	0.062474	17.354017	0	0	0.003874	1.0762224	42.447	0.000	2.350	28.051	
12-Mar-22 21:00:00	17.617	0.000	2.393	2.541	23.298	14.345	1637296.509	209.768	0.054267	15.074232	0	0	0.003918	1.0883311	37.222	0.000	2.393	49.346	
12-Mar-22 22:00:00	18.532	0.000	2.713	2.844	15.093	14.277	1653183.350	212.993	0.057369	16.010793	0	0	0.004485	1.2458784	38.756	0.000	2.713	31.378	
12-Mar-22 23:00:00	17.954	0.000	2.738	2.833	22.331	14.291	1658708.008	214.429	0.056029	15.563743	0	0	0.004542	1.2615928	37.858	0.000	2.738	48.120	
13-Mar-22 00:00:00	17.465	0.000	2.617	2.750	23.593	14.269	1638281.128	204.675	0.053831	14.952952	0	0	0.004287	1.1907972	36.470	0.000	2.617	49.135	
13-Mar-22 01:00:00	16.804	0.000	2.769	2.917	32.164	14.325	1657698.486	209.229	0.052408	14.557810	0	0	0.004590	1.2750303	35.402	0.000	2.769	67.688	
13-Mar-22 02:00:00	14.754	0.000	2.821	2.969	75.420	14.403	1577745.483	199.218	0.043796	12.165609	0	0	0.004451	1.2364459	31.239	0.000	2.821	160.702	
13-Mar-22 03:00:00	12.527	0.000	3.048	3.186	140.642	14.464	1343062.866	152.746	0.031654	8.792663	0	0	0.004094	1.1370967	26.943	0.000	3.048	302.698	
13-Mar-22 04:00:00	12.947	0.000	2.736	2.848	131.744	14.423	1381889.648	153.888	0.033662	9.350417	0	0	0.003780	1.0501231	27.672	0.000	2.736	202.698	
13-Mar-22 05:00:00	12.532	0.000	2.708	2.843	144.245	14.447	1344042.603	159.895	0.031690	8.802686	0	0	0						

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT11_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
15-Mar-22 01:00:00	17.943	0.000	2.669	2.817	22.239	14.299	1687498.047	217.986	0.056967	15.824050	0	0	0.004504	1.2511602	37.623	0.000	2.669	46.769		
15-Mar-22 02:00:00	17.515	0.000	3.027	3.170	25.962	14.285	1701839.355	214.322	0.056709	15.577412	0	0	0.005152	1.4310082	36.659	0.000	3.027	54.543		
15-Mar-22 03:00:00	17.572	0.000	2.993	3.133	26.032	14.313	1686169.189	213.706	0.055745	15.484649	0	0	0.005046	1.4016975	36.918	0.000	2.993	54.923		
15-Mar-22 04:00:00	18.727	0.000	2.774	2.914	18.668	14.230	1641351.074	214.390	0.057829	16.063634	0	0	0.004553	1.2647595	38.881	0.000	2.774	38.618		
15-Mar-22 05:00:00	12.102	0.000	2.887	3.000	165.563	14.510	1359047.363	154.236	0.030945	8.595796	0	0	0.003924	1.0899833	26.219	0.000	2.887	353.931		
15-Mar-22 06:00:00	14.355	0.000	3.130	3.278	93.565	14.457	1557497.803	189.775	0.042063	11.684161	0	0	0.004875	1.3542685	30.842	0.000	3.130	201.032		
15-Mar-22 07:00:00	11.796	0.000	2.923	3.068	180.087	14.547	1355136.475	160.328	0.030074	8.353769	0	0	0.003961	1.1002125	25.699	0.000	2.923	392.316		
15-Mar-22 08:00:00	12.587	0.000	2.509	2.657	135.073	14.442	1375516.479	160.716	0.032575	9.048526	0	0	0.003451	0.9585269	27.005	0.000	2.509	289.527		
15-Mar-22 09:00:00	11.996	0.000	2.670	2.835	166.692	14.486	1349187.134	155.568	0.030450	8.458390	0	0	0.003603	1.0007173	25.890	0.000	2.670	359.569		
15-Mar-22 10:00:00	11.675	0.000	2.998	3.145	173.857	14.536	1364083.740	158.079	0.029962	8.322689	0	0	0.004089	1.1359303	25.393	0.000	2.998	378.075		
15-Mar-22 11:00:00	14.923	0.000	2.670	2.814	63.676	14.434	1409992.188	174.630	0.041861	11.628058	0	0	0.003981	1.1059298	31.947	0.000	2.670	136.029		
15-Mar-22 12:00:00	12.659	0.000	2.951	3.114	149.750	14.562	1380575.439	152.305	0.032881	9.133506	0	0	0.004075	1.1318303	27.855	0.000	2.951	332.026		
15-Mar-22 13:00:00	11.626	0.000	2.921	3.033	183.450	14.645	1382015.625	151.817	0.030228	8.396730	0	0	0.004037	1.1214105	25.716	0.000	2.921	398.755		
15-Mar-22 14:00:00	12.222	0.000	2.702	2.844	163.769	14.656	1424471.191	163.133	0.032754	9.098455	0	0	0.003849	1.0690892	27.092	0.000	2.702	363.081		
15-Mar-22 15:00:00	17.555	0.000	2.504	2.653	30.158	14.400	1571712.036	191.580	0.051911	14.419750	0	0	0.003936	1.0933394	37.402	0.000	2.504	63.955		
15-Mar-22 16:00:00	13.750	0.000	2.725	2.843	104.178	14.634	1393261.597	157.762	0.036042	10.011676	0	0	0.003796	1.0545383	30.370	0.000	2.725	227.578		
15-Mar-22 17:00:00	12.685	0.000	2.718	2.857	149.574	14.650	1401836.792	157.711	0.033457	9.293508	0	0	0.003810	1.0582425	28.105	0.000	2.718	328.502		
15-Mar-22 18:00:00	12.473	0.000	2.686	2.836	158.585	14.614	1399429.199	156.205	0.032839	9.121927	0	0	0.003759	1.0442698	27.454	0.000	2.686	349.414		
15-Mar-22 19:00:00	13.156	0.000	2.736	2.900	133.200	14.553	1385960.938	161.615	0.034304	9.528767	0	0	0.003792	1.0533520	28.652	0.000	2.736	286.270		
15-Mar-22 20:00:00	13.207	0.000	3.028	3.166	142.674	14.553	1372623.291	154.018	0.034107	9.474285	0	0	0.004156	1.1544665	28.802	0.000	3.028	310.781		
15-Mar-22 21:00:00	13.413	0.000	2.887	3.027	130.888	14.517	1413333.984	158.118	0.035665	9.907081	0	0	0.004081	1.1334813	29.084	0.000	2.887	283.827		
15-Mar-22 22:00:00	12.449	0.000	2.826	2.972	154.781	14.527	1362925.293	159.241	0.031923	8.867361	0	0	0.003852	1.0699805	27.042	0.000	2.826	336.140		
15-Mar-22 23:00:00	12.290	0.000	2.923	3.064	171.762	14.554	1374565.430	154.742	0.031783	8.828550	0	0	0.004017	1.1158910	26.632	0.000	2.923	374.792		
16-Mar-22 00:00:00	12.146	0.000	2.607	2.751	180.518	14.580	1345794.067	154.389	0.030753	8.542415	0	0	0.003508	0.9744376	26.617	0.000	2.607	395.198		
16-Mar-22 01:00:00	13.126	0.000	3.031	3.217	131.991	14.457	1335566.650	159.137	0.032981	9.161372	0	0	0.004049	1.1246058	28.194	0.000	3.031	280.796		
16-Mar-22 02:00:00	12.558	0.000	2.679	2.818	147.005	14.473	1326529.175	161.013	0.031342	8.706163	0	0	0.003554	0.9873359	27.235	0.000	2.679	316.612		
16-Mar-22 03:00:00	12.551	0.000	2.608	2.752	150.429	14.472	1367304.443	160.326	0.032285	8.968178	0	0	0.003566	0.9906891	27.026	0.000	2.608	323.855		
16-Mar-22 04:00:00	12.824	0.000	2.495	2.626	141.217	14.468	1354638.062	153.007	0.032684	9.078852	0	0	0.003380	0.9387636	27.599	0.000	2.495	304.004		
16-Mar-22 05:00:00	13.085	0.000	2.662	2.802	141.022	14.466	1349563.354	153.782	0.033224	9.228864	0	0	0.003592	0.9978951	28.152	0.000	2.662	303.483		
16-Mar-22 06:00:00	11.917	0.000	2.638	2.784	194.850	14.557	1349387.451	154.583	0.030254	8.403923	0	0	0.003560	0.9889751	26.002	0.000	2.638	425.409		
16-Mar-22 07:00:00	11.935	0.000	2.810	2.946	181.306	14.548	1341985.107	152.082	0.030134	8.370614	0	0	0.003771	1.0476147	26.002	0.000	2.810	395.009		
16-Mar-22 08:00:00	12.119	0.000	2.825	2.969	181.974	14.512	1346316.162	152.742	0.030697	8.527081	0	0	0.003803	1.0563334	26.252	0.000	2.825	394.348		
16-Mar-22 09:00:00	12.024	0.000	2.528	2.684	189.314	14.529	1348999.634	155.068	0.030517	8.476844	0	0	0.003410	0.9471793	26.032	0.000	2.528	408.402		
16-Mar-22 10:00:00	12.063	0.000	2.788	2.942	177.160	14.554	1364536.011	153.972	0.030967	8.602052	0	0	0.003804	1.0566854	26.310	0.000	2.788	386.490		
16-Mar-22 11:00:00	12.685	0.000	2.786	2.929	140.442	14.544	1404092.651	158.566	0.033510	9.308364	0	0	0.003911	1.0864927	27.628	0.000	2.786	305.901		
16-Mar-22 12:00:00	12.533	0.000	3.076	3.214	145.048	14.589	1384766.357	161.745	0.032653	9.070284	0	0	0.004260	1.1833026	27.486	0.000	3.076	317.782		
16-Mar-22 13:00:00	12.984	0.000	2.781	2.925	144.534	14.596	1431735.474	157.639	0.034974	9.714953	0	0	0.003982	1.1060937	28.297	0.000	2.781	317.352		
16-Mar-22 14:00:00	12.366	0.000	2.684	2.840	164.195	14.627	1355800.903	152.260	0.031544	8.762247	0	0	0.003639	1.0108245	27.288	0.000	2.684	362.182		
16-Mar-22 15:00:00	11.932	0.000	2.853	2.995	194.470	14.658	1358114.502	155.800	0.030487	8.468588	0	0	0.003875	1.0762772	26.445	0.000	2.853	431.307		
16-Mar-22 16:00:00	12.038	0.000	3.023	3.157	184.063	14.632	1360762.451	157.686	0.030818	8.560427	0	0	0.004113	1.1426154	26.578	0.000	3.023	406.342		
16-Mar-22 17:00:00	13.184	0.000	2.944	3.084	134.999	14.566	1378866.821	153.403	0.034022	9.500531	0	0								

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK11
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/3/2021 00:00-31/3/2021 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT12_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
11-Mar-22 13:00:00	8.37	0.00	1.86	1.95	178.78	14.85	14853.79	157.888	0.000234	0.065003	0	0	0.000028	0.0076733	19.146	0.000	1.860	409.097	
11-Mar-22 14:00:00	9.14	0.00	1.71	1.82	80.68	14.73	14727.12	161.096	0.000253	0.070308	0	0	0.000025	0.0069961	20.478	0.000	1.710	180.852	
11-Mar-22 15:00:00	9.05	0.00	1.61	1.71	120.24	14.81	14813.04	156.320	0.000252	0.070909	0	0	0.000024	0.0066103	20.588	0.000	1.606	273.683	
11-Mar-22 16:00:00	9.61	0.00	1.68	1.77	84.59	14.76	14759.73	160.946	0.000267	0.074148	0	0	0.000025	0.0069040	21.682	0.000	1.684	190.623	
11-Mar-22 17:00:00	9.00	0.00	2.08	2.17	149.32	14.86	14862.82	156.777	0.000252	0.069938	0	0	0.000031	0.0085974	20.626	0.000	2.082	342.125	
11-Mar-22 18:00:00	9.62	0.00	1.96	2.06	106.94	14.77	14769.30	159.479	0.000267	0.074225	0	0	0.000029	0.0080586	21.704	0.000	1.964	241.351	
11-Mar-22 19:00:00	9.15	0.00	1.49	1.58	116.91	14.78	14775.15	153.931	0.000254	0.070629	0	0	0.000022	0.0061309	20.664	0.000	1.494	264.086	
11-Mar-22 20:00:00	9.28	0.00	1.59	1.69	124.88	14.81	14809.75	160.614	0.000259	0.071833	0	0	0.000023	0.0065206	21.087	0.000	1.585	283.912	
11-Mar-22 21:00:00	9.40	0.00	1.73	1.84	95.44	14.73	14728.06	162.190	0.000260	0.072326	0	0	0.000026	0.0070884	21.062	0.000	1.733	209.885	
11-Mar-22 22:00:00	9.71	0.00	1.80	1.91	89.83	14.72	14722.83	158.642	0.000269	0.074681	0	0	0.000026	0.0073485	21.742	0.000	1.797	195.790	
11-Mar-22 23:00:00	8.89	0.00	1.89	1.97	143.81	14.81	14808.31	158.102	0.000248	0.068832	0	0	0.000028	0.0077743	20.220	0.000	1.890	326.635	
12-Mar-22 00:00:00	9.21	0.00	1.99	2.05	126.81	14.78	14782.36	154.753	0.000256	0.071163	0	0	0.000029	0.0081629	20.835	0.000	1.988	291.856	
12-Mar-22 01:00:00	10.00	0.00	1.88	1.99	89.67	14.69	14693.25	155.974	0.000276	0.076782	0	0	0.000028	0.0076820	22.290	0.000	1.882	199.772	
12-Mar-22 02:00:00	9.92	0.00	2.27	2.35	98.84	14.70	14695.10	156.316	0.000274	0.076188	0	0	0.000033	0.0092664	22.137	0.000	2.270	220.378	
12-Mar-22 03:00:00	error	error	error	error	error	error	error	error	error	error	error	error	error	error	error	error	error	error	
12-Mar-22 04:00:00	9.70	0.00	2.30	2.40	94.28	14.67	14671.97	160.032	0.000268	0.074394	0	0	0.000034	0.0093885	21.560	0.000	2.304	207.948	
12-Mar-22 05:00:00	9.66	0.00	2.26	2.33	94.36	14.65	14650.88	156.137	0.000266	0.073983	0	0	0.000033	0.0092051	21.401	0.000	2.262	208.826	
12-Mar-22 06:00:00	9.39	0.00	2.21	2.27	128.37	14.70	14703.40	154.567	0.000260	0.072166	0	0	0.000033	0.0090463	20.971	0.000	2.215	287.690	
12-Mar-22 07:00:00	9.52	0.00	2.49	2.58	126.25	14.71	14712.07	154.301	0.000263	0.073190	0	0	0.000037	0.0101948	21.279	0.000	2.495	282.207	
12-Mar-22 08:00:00	9.70	0.00	2.14	2.21	130.68	14.72	14720.23	154.401	0.000269	0.074655	0	0	0.000032	0.0087549	21.732	0.000	2.141	292.636	
12-Mar-22 09:00:00	9.44	0.00	1.96	2.03	129.00	14.73	14728.19	156.851	0.000262	0.072684	0	0	0.000029	0.0080050	21.175	0.000	1.957	289.314	
12-Mar-22 10:00:00	9.43	0.00	1.67	1.75	142.18	14.79	14788.79	154.801	0.000262	0.072848	0	0	0.000025	0.0068775	21.341	0.000	1.674	321.914	
12-Mar-22 11:00:00	9.18	0.00	1.90	1.97	138.87	14.83	14825.75	154.232	0.000256	0.071136	0	0	0.000028	0.0078147	20.911	0.000	1.898	316.011	
12-Mar-22 12:00:00	9.37	0.00	1.80	1.90	123.48	14.80	14798.16	156.837	0.000261	0.072462	0	0	0.000027	0.0074078	21.242	0.000	1.802	279.852	
12-Mar-22 13:00:00	9.45	0.00	1.86	1.95	120.88	14.83	14831.79	156.611	0.000264	0.073269	0	0	0.000028	0.0076523	21.557	0.000	1.857	275.329	
12-Mar-22 14:00:00	8.98	0.00	1.83	1.91	118.07	14.84	14839.14	157.050	0.000251	0.069625	0	0	0.000027	0.0075361	20.497	0.000	1.828	269.694	
12-Mar-22 15:00:00	8.85	0.00	1.67	1.77	134.44	14.83	14829.82	155.779	0.000247	0.068621	0	0	0.000025	0.0068910	20.179	0.000	1.673	306.402	
12-Mar-22 16:00:00	8.98	0.00	1.79	1.85	111.38	14.84	14842.27	154.236	0.000251	0.069689	0	0	0.000027	0.0073689	20.520	0.000	1.787	254.394	
12-Mar-22 17:00:00	8.75	0.00	1.83	1.92	143.97	14.88	14879.54	154.903	0.000245	0.068007	0	0	0.000027	0.0075777	20.104	0.000	1.833	331.187	
12-Mar-22 18:00:00	9.08	0.00	2.13	2.17	113.66	14.84	14838.18	159.744	0.000253	0.070381	0	0	0.000032	0.0087606	20.727	0.000	2.125	259.257	
12-Mar-22 19:00:00	11.93	0.00	2.42	2.53	3.53	14.54	14537.81	218.455	0.000326	0.090644	0	0	0.000035	0.0097611	25.957	0.000	2.417	7.828	
12-Mar-22 20:00:00	11.37	0.00	2.37	2.41	4.54	14.56	14559.85	216.735	0.000311	0.086514	0	0	0.000034	0.0095687	24.822	0.000	2.366	10.351	
12-Mar-22 21:00:00	11.41	0.00	2.14	2.23	4.83	14.48	14483.87	215.205	0.000311	0.086394	0	0	0.000031	0.0086021	24.609	0.000	2.138	10.167	
12-Mar-22 22:00:00	10.99	0.00	3.10	3.18	6.95	14.50	14496.65	217.023	0.000300	0.083289	0	0	0.000045	0.0124907	23.757	0.000	3.102	14.771	
12-Mar-22 23:00:00	10.62	0.00	2.66	2.69	9.01	14.50	14504.55	214.090	0.000290	0.080484	0	0	0.000039	0.0107055	22.991	0.000	2.657	19.386	
13-Mar-22 00:00:00	9.60	0.00	2.49	2.62	16.64	14.53	14526.35	208.650	0.000262	0.072850	0	0	0.000036	0.0100651	20.845	0.000	2.494	36.652	
13-Mar-22 01:00:00	9.98	0.00	2.97	3.07	17.88	14.55	14549.54	210.839	0.000273	0.075866	0	0	0.000043	0.0119940	21.746	0.000	2.968	39.160	
13-Mar-22 02:00:00	8.84	0.00	2.61	2.71	47.68	14.63	14626.48	198.566	0.000243	0.067599	0	0	0.000038	0.0106015	19.512	0.000	2.609	105.535	
13-Mar-22 03:00:00	9.27	0.00	2.12	2.20	145.24	14.75	14745.12	154.704	0.000257	0.071470	0	0	0.000031	0.0086670	20.852	0.000	2.116	326.599	
13-Mar-22 04:00:00	9.52	0.00	2.39	2.46	106.14	14.68	14678.39	154.471	0.000263	0.073064	0	0	0.000035	0.0097263	21.177	0.000	2.385	235.944	
13-Mar-22 05:00:00	9.81	0.00	2.08	2.16	106.09	14.68	14677.02	156.074	0.000271	0.075243	0	0	0.000030	0.0084621	21.799	0.000	2.076	235.465	
13-Mar-22 06:00:00	9.56	0.00	2.19	2.27	117.23	14.70	14696.77	153.233	0.000264	0.073452	0	0	0.000032	0.0089264	21.334	0.000	2.187	261.320	
13-Mar-22 07:00:00	9.56	0.00	2.79	2.88	131.14	14.71	14708.09	160.678	0.000265	0.073481	0	0	0.000041	0.0113984	21.369	0.000	2.790	292.897	
13-Mar-22 0																			

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/3/2021 00:00-31/3/2021 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GTU12_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust(7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Mar-22 01:00:00	10.86	0.00	2.99	3.09	8.72	14.48	14482.09	219.459	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	23.429	0.000	2.988	19.412	
15-Mar-22 02:00:00	10.32	0.00	2.93	3.00	12.53	14.49	14486.27	212.400	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	22.274	0.000	2.933	27.341	
15-Mar-22 03:00:00	10.58	0.00	2.98	3.17	12.04	14.50	14502.26	219.404	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	22.274	0.000	2.977	26.343	
15-Mar-22 04:00:00	9.94	0.00	2.78	2.91	9.71	14.47	14472.03	215.065	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	23.555	0.000	2.785	20.686	
15-Mar-22 05:00:00	9.86	0.00	2.47	2.55	95.91	14.67	14669.56	154.603	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	21.912	0.000	2.470	212.354	
15-Mar-22 06:00:00	9.15	0.00	3.19	3.29	81.73	14.19	14693.11	194.237	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.414	0.000	3.192	182.428	
15-Mar-22 07:00:00	9.67	0.00	2.29	2.36	129.23	14.72	14721.19	159.276	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	21.659	0.000	2.294	289.477	
15-Mar-22 08:00:00	9.67	0.00	2.29	2.36	101.71	14.66	14661.33	161.087	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	21.426	0.000	2.200	225.552	
15-Mar-22 09:00:00	9.50	0.00	1.92	1.96	100.57	14.59	14687.22	159.558	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	21.166	0.000	1.916	223.759	
15-Mar-22 10:00:00	9.32	0.00	2.34	2.34	134.77	14.74	14780.56	176.791	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	24.743	0.000	2.193	304.366	
15-Mar-22 11:00:00	10.80	0.00	2.48	2.59	83.22	14.74	14738.49	156.793	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	24.248	0.000	2.475	186.804	
15-Mar-22 12:00:00	9.12	0.00	1.99	2.12	127.37	14.82	14817.49	154.253	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.732	0.000	1.992	289.695	
15-Mar-22 13:00:00	8.51	0.00	2.14	2.24	144.29	14.88	14882.46	153.189	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	19.541	0.000	2.144	331.857	
15-Mar-22 14:00:00	8.87	0.00	2.18	2.27	152.21	14.87	14904.34	160.729	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.673	0.000	2.181	331.155	
15-Mar-22 15:00:00	10.12	0.00	2.40	2.46	35.66	14.70	14700.90	190.431	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	22.591	0.000	2.402	79.564	
15-Mar-22 16:00:00	10.08	0.00	2.02	2.08	71.03	14.83	14831.42	162.623	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	22.953	0.000	2.020	164.280	
15-Mar-22 17:00:00	9.04	0.00	1.80	1.91	108.15	14.89	14891.96	154.820	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.837	0.000	1.800	248.843	
15-Mar-22 18:00:00	8.77	0.00	1.93	2.03	126.65	14.85	14847.55	155.814	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.047	0.000	1.934	289.344	
15-Mar-22 19:00:00	9.18	0.00	2.01	2.13	112.02	14.81	14813.34	155.359	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	20.878	0.000	2.010	249.982	
15-Mar-22 20																			

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK12
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2021 00:00-31/3/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
04-Mar-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 16:00:00	20.885	0.869	0.725	0.863	0.059	13.779	13778.880	270.352	0.000541	0.150391	3.13507E-05	0.008708529	0.000010	0.0027743	40.580	1.693	0.725	0.063		
04-Mar-22 17:00:00	20.028	1.181	0.624	0.758	1.703	13.982	13981.758	222.346	0.000527	0.146348	4.32123E-05	0.012003423	0.000009	0.0024242	40.093	2.360	0.624	3.149		
04-Mar-22 18:00:00	17.790	1.065	0.672	0.812	1.595	13.767	13766.899	240.257	0.000461	0.127995	3.83611E-05	0.010655857	0.000009	0.0025699	34.550	2.054	0.672	3.464		
04-Mar-22 19:00:00	17.694	1.144	0.974	1.102	1.587	13.780	13780.071	241.160	0.000459	0.127428	4.12578E-05	0.011460504	0.000013	0.0037283	34.427	2.232	0.974	3.020		
04-Mar-22 20:00:00	16.461	0.955	1.072	1.219	4.627	13.900	13900.131	216.098	0.000430	0.119579	3.4764E-05	0.009656666	0.000015	0.0041399	32.580	1.889	1.072	9.268		
04-Mar-22 21:00:00	14.509	1.127	1.303	1.435	18.321	14.090	14089.654	173.765	0.000385	0.106838	4.15808E-05	0.011550215	0.000018	0.0051004	29.711	2.226	1.303	37.157		
04-Mar-22 22:00:00	14.379	1.179	1.415	1.539	27.795	14.245	14245.470	150.887	0.000385	0.107052	4.39583E-05	0.012210643	0.000020	0.0055980	29.758	2.448	1.415	56.957		
04-Mar-22 23:00:00	15.969	1.010	0.985	1.123	7.412	13.918	13918.398	212.850	0.000418	0.116156	3.67942E-05	0.010220602	0.000014	0.0038074	31.676	2.003	0.985	14.679		
05-Mar-22 00:00:00	17.381	0.783	1.014	1.154	1.956	13.784	13784.046	242.907	0.000451	0.125206	2.82605E-05	0.007850146	0.000014	0.0038811	33.829	1.493	1.014	3.753		
05-Mar-22 01:00:00	16.878	1.150	0.916	1.055	0.894	13.666	13666.039	259.567	0.000434	0.120545	4.11378E-05	0.011427154	0.000013	0.0034790	32.326	2.202	0.916	1.806		
05-Mar-22 02:00:00	16.440	1.035	0.919	1.059	1.057	13.671	13671.279	257.161	0.000423	0.117462	3.70383E-05	0.01028842	0.000013	0.0034891	31.791	1.991	0.919	2.015		
05-Mar-22 03:00:00	16.449	0.731	1.041	1.181	0.389	13.631	13630.978	258.088	0.000422	0.117178	2.60774E-05	0.007243729	0.000014	0.0039412	31.350	1.396	1.041	0.574		
05-Mar-22 04:00:00	16.122	0.986	0.977	1.119	1.436	13.682	13682.030	254.463	0.000415	0.115278	3.53203E-05	0.009811198	0.000013	0.0037144	30.969	1.892	0.977	2.544		
05-Mar-22 05:00:00	15.165	0.857	1.039	1.173	1.626	13.733	13733.348	249.446	0.000392	0.108845	3.07943E-05	0.008553977	0.000014	0.0039634	29.307	1.653	1.039	3.166		
05-Mar-22 06:00:00	17.227	1.034	1.107	1.232	3.755	13.875	13875.427	230.676	0.000450	0.124921	3.7559E-05	0.010433049	0.000015	0.0042676	33.961	2.042	1.107	7.561		
05-Mar-22 07:00:00	14.038	0.881	1.296	1.435	21.773	14.133	14133.447	172.439	0.000373	0.103688	3.2582E-05	0.009050565	0.000018	0.0050895	28.746	1.808	1.296	44.459		
05-Mar-22 08:00:00	13.956	1.022	1.388	1.524	25.902	14.321	14320.767	158.720	0.000376	0.104448	3.83224E-05	0.01064512	0.000020	0.0055199	29.379	2.157	1.388	54.719		
05-Mar-22 09:00:00	14.506	1.091	1.142	1.277	18.300	14.048	14047.968	182.073	0.000383	0.106498	4.01212E-05	0.011144771	0.000016	0.0044558	29.196	2.151	1.142	36.931		
05-Mar-22 10:00:00	16.759	0.851	0.849	0.984	1.752	13.803	13802.824	246.464	0.000435	0.120890	3.07326E-05	0.008536828	0.000012	0.0032554	32.710	1.663	0.849	3.239		
05-Mar-22 11:00:00	16.306	0.982	0.730	0.867	0.869	13.687	13687.151	251.221	0.000420	0.116634	3.51917E-05	0.009775474	0.000010	0.0027739	31.321	1.891	0.730	1.562		
05-Mar-22 12:00:00	17.876	1.096	0.755	0.890	0.064	13.670	13670.291	256.034	0.000460	0.127709	3.92314E-05	0.010897602	0.000010	0.0028661	34.255	2.088	0.755	0.000		
05-Mar-22 13:00:00	17.385	0.918	0.728	0.882	0.003	13.638	13637.573	256.768	0.000446	0.123907	3.27718E-05	0.009103283	0.000010	0.0027583	33.163	1.701	0.728	0.004		
05-Mar-22 14:00:00	17.996	0.913	0.689	0.831	0.000	13.600	13662.320	252.552	0.000463	0.128493	3.26501E-05	0.009069462	0.000009	0.0026149	34.425	1.757	0.689	0.000		
05-Mar-22 15:00:00	17.767	0.965	0.665	0.813	0.000	13.733	13732.679	248.635	0.000459	0.127513	3.46772E-05	0.009632557	0.000009	0.0025375	34.342	1.916	0.665	0.007		
05-Mar-22 16:00:00	18.307	1.129	0.887	1.031	0.144	13.710	13709.708	248.375	0.000472	0.131165	4.05227E-05	0.011256309	0.000012	0.0033796	35.268	2.172	0.887	0.000		
05-Mar-22 17:00:00	17.589	1.072	0.862	0.999	3.371	13.967	13967.060	213.183	0.000462	0.128386	3.91818E-05	0.010883847	0.000012	0.0033440	35.148	2.139	0.862	6.632		
05-Mar-22 18:00:00	13.611	0.804	1.000	1.138	29.156	14.253	14253.206	164.932	0.000365	0.101383	2.99993E-05	0.008333126	0.000014	0.0039604	28.398	1.675	1.000	59.612		
05-Mar-22 19:00:00	17.292	1.007	0.759	0.897	1.335	13.743	13742.779	245.590	0.000447	0.124190	3.62222E-05	0.010061719	0.000010	0.0028970	33.471	1.949	0.759	2.556		
05-Mar-22 20:00:00	17.973	1.078	0.736	0.866	0.624	13.698	13697.696	239.317	0.000463	0.128658	3.86581E-05	0.010738356	0.000010	0.0028004	34.567	2.072	0.736	1.203		
05-Mar-22 21:00:00	16.236	1.062	0.763	0.898	0.559	13.691	13691.102	255.221	0.000418	0.116171	3.80527E-05	0.010570206	0.000010	0.0029031	31.196	2.040	0.763	1.181		
05-Mar-22 22:00:00	16.099	1.006	0.761	0.902	1.347	13.755	13755.119	250.961	0.000417	0.115730	3.62161E-05	0.010606021	0.000010	0.0029087	31.220	1.953	0.761	2.670		
05-Mar-22 23:00:00	16.484	0.935	1.051	1.181	5.988	13.972	13971.869	209.757	0.000433	0.120360	3.41821E-05	0.009495032	0.000015	0.0040781	32.949	1.870	1.051	11.639		
06-Mar-22 00:00:00	14.721	0.979	1.116	1.247	18.083	14.110	14109.531	173.389	0.000391	0.108546	3.61735E-05	0.010048197	0.000016	0.0043731	30.014	2.000	1.116	36.412		
06-Mar-22 01:00:00	14.940	0.886	0.734	0.861	0.195	13.670	13670.007	263.395	0.000384	0.106735	3.16877E-05	0.008802132	0.000010	0.0027862	28.629	1.694	0.734	0.423		
06-Mar-22 02:00:00	15.261	0.905	0.926	1.042	0.835	13.747	13746.613	257.868	0.000395	0.109636	3.25576E-05	0.009043787	0.000013	0.0035344	29.568	1.753	0.926	1.501		
06-Mar-22 03:00:00	15.955	0.995	0.924	1.051	1.946	13.781	13780.553	253.337	0.000414	0.114908	3.59028E-05	0.009973008	0.000013	0.0035357	30.875	1.931	0.924	4.058		
06-Mar-22 04:00:00	15.587	0.935																		

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/3/2021 00:00-31/3/2021 23:59

	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
04-Mar-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
04-Mar-22 16:00:00	23.046	0.000	0.671	0.678	0.817	13.401	1883289.551	270.829	0.081657	22.682426	0	0	0.001263	0.3508007	42.592	0.000	0.671	1.710		
04-Mar-22 17:00:00	21.506	0.000	0.608	0.632	5.179	13.734	1661479.126	221.469	0.067225	18.673712	0	0	0.001011	0.2807787	41.572	0.000	0.608	10.045		
04-Mar-22 18:00:00	20.269	0.000	0.610	0.618	3.239	13.514	1712623.169	239.756	0.065311	18.141833	0	0	0.001045	0.2903965	38.032	0.000	0.610	6.076		
04-Mar-22 19:00:00	20.187	0.000	0.706	0.708	3.079	13.482	1709937.012	240.056	0.064944	18.040014	0	0	0.001207	0.3352501	37.711	0.000	0.706	5.599		
04-Mar-22 20:00:00	18.833	0.000	0.894	0.898	13.280	13.804	1626105.347	217.437	0.057616	16.004531	0	0	0.001454	0.4039167	36.759	0.000	0.894	26.088		
04-Mar-22 21:00:00	17.000	0.000	1.420	1.427	44.113	13.929	1338844.482	174.913	0.042822	11.895105	0	0	0.001901	0.5280735	33.783	0.000	1.420	86.111		
04-Mar-22 22:00:00	16.698	0.000	1.587	1.594	83.415	14.171	1298469.849	148.278	0.040792	11.331202	0	0	0.002061	0.5723785	34.360	0.000	1.587	168.975		
04-Mar-22 23:00:00	18.082	0.000	0.990	0.987	18.054	13.813	1530673.462	217.052	0.052073	14.464653	0	0	0.001515	0.4208812	35.344	0.000	0.990	34.945		
05-Mar-22 00:00:00	20.180	0.000	0.858	0.856	6.074	13.570	1671391.968	240.321	0.063455	17.626500	0	0	0.001434	0.3983401	38.143	0.000	0.858	11.395		
05-Mar-22 01:00:00	18.256	0.000	0.676	0.687	1.899	13.387	1761487.915	259.808	0.060501	16.805753	0	0	0.001192	0.3309805	33.676	0.000	0.676	3.596		
05-Mar-22 02:00:00	18.359	0.000	0.683	0.694	2.260	13.377	1757463.013	255.211	0.060703	16.861974	0	0	0.001200	0.3334476	33.815	0.000	0.683	4.122		
05-Mar-22 03:00:00	17.885	0.000	0.737	0.740	1.877	13.357	1690430.298	257.724	0.056882	15.800635	0	0	0.001245	0.3458886	32.873	0.000	0.737	3.339		
05-Mar-22 04:00:00	17.562	0.000	0.767	0.772	3.065	13.435	1758026.489	255.026	0.058088	16.135557	0	0	0.001348	0.3745785	32.597	0.000	0.767	5.855		
05-Mar-22 05:00:00	17.502	0.000	0.822	0.838	4.428	13.457	1726291.382	249.357	0.056844	15.790071	0	0	0.001419	0.3942616	32.584	0.000	0.822	8.344		
05-Mar-22 06:00:00	18.060	0.000	0.989	0.999	13.225	13.646	1621070.801	230.958	0.055081	15.300269	0	0	0.001603	0.4452946	34.500	0.000	0.989	25.503		
05-Mar-22 07:00:00	16.862	0.000	1.487	1.501	54.454	13.885	1343624.634	173.345	0.042626	11.840576	0	0	0.001998	0.5550805	33.293	0.000	1.487	107.522		
05-Mar-22 08:00:00	16.413	0.000	1.587	1.589	101.336	14.159	1217742.310	152.381	0.037603	10.445370	0	0	0.001932	0.5367237	33.714	0.000	1.587	211.373		
05-Mar-22 09:00:00	18.046	0.000	1.192	1.218	31.382	13.819	1364819.458	182.051	0.046339	12.871928	0	0	0.001627	0.4519639	35.301	0.000	1.192	61.616		
05-Mar-22 10:00:00	19.961	0.000	0.831	0.832	4.492	13.490	1730230.469	246.125	0.064977	18.049171	0	0	0.001437	0.3992576	37.320	0.000	0.831	8.376		
05-Mar-22 11:00:00	19.133	0.000	0.664	0.673	1.435	13.392	1787478.638	251.014	0.064343	17.873024	0	0	0.001187	0.3296100	35.316	0.000	0.664	2.532		
05-Mar-22 12:00:00	18.938	0.000	0.762	0.766	1.532	13.406	1744864.746	253.526	0.062169	17.269087	0	0	0.001330	0.3693224	35.020	0.000	0.762	2.955		
05-Mar-22 13:00:00	19.721	0.000	0.698	0.000	0.591	13.373	1773619.751	256.734	0.065808	18.279906	0	0	0.001238	0.3439048	36.318	0.000	0.698	0.986		
05-Mar-22 14:00:00	20.345	0.000	0.738	0.741	0.810	13.353	1782339.600	250.314	0.068221	18.950400	0	0	0.001316	0.3655521	37.349	0.000	0.738	1.400		
05-Mar-22 15:00:00	20.408	0.000	0.735	0.740	0.649	13.397	1762710.327	251.489	0.067680	18.799965	0	0	0.001296	0.3601257	37.683	0.000	0.735	1.200		
05-Mar-22 16:00:00	20.821	0.000	0.801	0.805	0.586	13.417	1762641.602	249.942	0.069048	19.180116	0	0	0.001411	0.3919725	38.556	0.000	0.801	0.975		
05-Mar-22 17:00:00	19.236	0.000	1.148	1.139	11.046	13.813	1603792.725	216.053	0.058043	16.123033	0	0	0.001842	0.5115387	37.608	0.000	1.148	21.634		
05-Mar-22 18:00:00	16.950	0.000	1.714	1.707	51.201	14.046	1329633.545	169.566	0.042402	11.778464	0	0	0.002278	0.6328704	34.249	0.000	1.714	106.853		
05-Mar-22 19:00:00	20.039	0.000	0.863	0.869	3.723	13.504	1732408.447	241.293	0.065312	18.142312	0	0	0.001496	0.4154664	37.543	0.000	0.863	7.051		
05-Mar-22 20:00:00	18.776	0.000	0.806	0.814	4.372	13.537	1733504.395	241.782	0.061237	17.010322	0	0	0.001397	0.3879562	35.337	0.000	0.806	8.229		
05-Mar-22 21:00:00	18.933	0.000	0.625	0.621	1.712	13.426	1766330.078	252.812	0.062918	17.477237	0	0	0.001104	0.3066702	35.105	0.000	0.625	3.128		
05-Mar-22 22:00:00	19.490	0.000	0.664	0.681	2.282	13.422	1770785.400	251.718	0.064931	18.036320	0	0	0.001176	0.3266899	36.114	0.000	0.664	4.173		
05-Mar-22 23:00:00	17.502	0.000	1.027	1.029	21.281	13.839	1566391.113	206.418	0.051579	14.327485	0	0	0.001608	0.4467985	34.339	0.000	1.027	41.896		
06-Mar-22 00:00:00	17.190	0.000	1.494	1.499	41.546	13.891	1333767.822	174.558	0.043134	11.981755	0	0	0.001992	0.5533362	33.978	0.000	1.494	82.100		
06-Mar-22 01:00:00	17.540	0.000	0.742	0.735	0.863	13.359	1754080.811	267.223	0.057883	16.078582	0	0	0.001302	0.3616491	32.237	0.000	0.742	1.552		
06-Mar-22 02:00:00	17.522	0.000	0.777	0.774	2.080	13.428	1746576.538	255.315	0.057579	15.994032	0	0	0.001356	0.3767785	32.484	0.000	0.777	3.691		
06-Mar-22 03:00:00	17.867	0.000	0.838	0.876	2.621	13.420	1709828.345	257.641	0.057480	15.966574	0	0	0.001433	0.3980769	33.092	0.000	0.838	4.777		
06-Mar-22 04:00:00	18.077	0.000	0.835	0.834	2.895	13.422	1700281.616	255.213	0.057825	16.062551	0	0	0.001420	0.3943340	33.499	0.000	0.835	5.504		
06-Mar-22 05:00:00	17.997	0.000	0.807	0.806	2.755	13.396	1729360.474	253.748	0.058554	16.265091	0	0	0.001396	0.3878421	33.235	0.000	0.807	4.746		
06-Mar-22 06:00:00	17.138	0.000	0.865	0.866	3.949	13.434	1702557.983	260.841	0.054897	15.249082	0	0	0.001473	0.4090281	31.799	0.000	0.865	7.480		
06-Mar-22 07:00:00	17.690	0.000	0.834	0.838	3.162	13.42														

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/3/2021 00:00-31/3/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/4/2022 00:00-30/4/2022 23:59

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

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

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

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
15-Apr-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-Apr-22 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-Apr-22 16:00:00	16.763	0.000	0.822	0.947	21.740	14.655	1331308.838	165.362	0.041987	11.663148	0	0	0.001094	0.3038335	37.143	0.000	0.822	48.205		
16-Apr-22 17:00:00	22.303	0.000	0.544	0.684	0.152	13.890	1755655.762	253.227	0.073668	20.463264	0	0	0.000954	0.2650556	44.259	0.000	0.544	0.364		
16-Apr-22 18:00:00	20.521	0.000	0.661	0.799	0.142	14.001	1738357.056	254.099	0.067115	18.643046	0	0	0.001149	0.3192794	41.190	0.000	0.661	0.423		
16-Apr-22 19:00:00	19.449	0.000	0.550	0.709	0.098	14.055	1754909.668	252.678	0.064215	17.837519	0	0	0.000964	0.2679160	39.352	0.000	0.550	0.100		
16-Apr-22 20:00:00	19.110	0.000	0.653	0.802	0.209	14.039	1733266.357	252.762	0.062317	17.310381	0	0	0.001132	0.3145247	38.575	0.000	0.653	0.552		
16-Apr-22 21:00:00	19.598	0.000	0.686	0.835	0.611	14.082	1744079.712	252.340	0.064306	17.862825	0	0	0.001196	0.3321902	39.802	0.000	0.686	1.154		
16-Apr-22 22:00:00	17.954	0.000	0.757	0.895	1.759	14.108	1748251.099	253.501	0.059053	16.403551	0	0	0.001323	0.3676308	36.604	0.000	0.757	3.765		
16-Apr-22 23:00:00	19.117	0.000	0.824	0.968	1.553	14.071	1736087.402	257.313	0.062440	17.344531	0	0	0.001430	0.3973452	38.743	0.000	0.824	2.807		
17-Apr-22 00:00:00	16.812	0.000	0.830	0.960	2.358	14.033	1729265.015	249.334	0.054695	15.193151	0	0	0.001435	0.3985158	33.906	0.000	0.830	4.896		
17-Apr-22 01:00:00	18.251	0.000	0.844	0.995	1.148	14.003	1762761.719	257.007	0.060528	16.813456	0	0	0.001488	0.4132847	36.648	0.000	0.844	2.453		
17-Apr-22 02:00:00	18.781	0.000	0.832	0.961	1.228	14.066	1756095.825	257.374	0.062050	17.236031	0	0	0.001461	0.						

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

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
18-Apr-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
18-Apr-22 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 00:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
19-Apr-22 06:00:00	13.890	0.000	2.642	2.773	102.910	14.856	1506164.917	155.162	0.039359	10.932978	0	0	0.003979	1.1052681	31.798	0.000	2.642	237.707		
19-Apr-22 07:00:00	17.618	0.000	2.976	3.120	21.476	14.933	1783862.793	218.034	0.059128	16.424358	0	0	0.005309	1.4745934	40.653	0.000	2.976	49.696		
19-Apr-22 08:00:00	11.345	0.000	3.060	3.230	160.420	15.144	1489599.243	159.868	0.031796	8.832133	0	0	0.004559	1.2662525	27.246	0.000	3.060	387.979		
19-Apr-22 09:00:00	11.133	0.255	3.007	3.166	179.437	15.135	1477443.359	153.434	0.030946	8.596224	0.000987722	0.274367155	0.004442	1.2339050	26.700	0.564	3.007	430.668		
19-Apr-22 10:00:00	13.429	0.412	3.025	3.159	84.030	15.049	1686185.547	187.562	0.042601	11.833683	0.001816633	0.504620364	0.005101	1.4169626	31.766	0.970	3.025	200.097		
19-Apr-22 11:00:00	11.549	0.352	2.860	3.028	178.921	15.222	1484158.569	152.433	0.032248	8.957691	0.001366708	0.379641206	0.004245	1.1791529	28.118	0.819	2.860	439.291		
19-Apr-22 12:00:00	10.410	0.356	2.727	2.868	185.689	15.202	1489643.799	150.896	0.029175	8.104212	0.001386381	0.385105944	0.004062	1.1282995	25.238	0.852	2.727	459.141		
19-Apr-22 13:00:00	10.743	0.395	2.499	2.659	180.223	15.252	1481335.693	155.675	0.029940	8.316771	0.001530353	0.425097982	0.003702	1.0283892	26.313	0.969	2.499	442.819		
19-Apr-22 14:00:00	10.923	0.448	2.482	2.641	157.626	15.226	1530153.442	167.731	0.031445	8.734694	0.001792731	0.497980772	0.003798	1.0551014	26.601	1.016	2.482	385.996		
19-Apr-22 15:00:00	13.833	0.367	2.466	2.623	62.978	15.113	1699708.008	182.948	0.044236	12.287741	0.001631324	0.453145639	0.004192	1.1643516	33.063	0.869	2.466	151.553		
19-Apr-22 16:00:00	16.837	0.430	2.364	2.518	19.357	14.837	1789906.447	213.103	0.056699	15.749695	0.002014428	0.559563291	0.004231	1.1752046	38.422	0.978	2.364	44.302		
19-Apr-22 17:00:00	16.182	0.412	2.780	2.934	29.313	14.929	1775862.061	218.454	0.054066	15.018453	0.001913664	0.531573298	0.004937	1.3715059	37.507	0.964	2.780	68.936		
19-Apr-22 18:00:00	16.995	0.522	2.795	2.938	22.966	14.882	1777711.670	209.045	0.056842	15.789515	0.002426776	0.674104373	0.004969	1.3803137	39.066	1.197	2.795	52.985		
19-Apr-22 19:00:00	16.691	0.486	2.779	2.935	27.682	14.940	1776094.238	213.138	0.055773	15.492066	0.002259764	0.627712268	0.004936	1.3710461	38.997	1.124	2.779	64.109		
19-Apr-22 20:00:00	10.471	0.436	2.746	2.905	179.071	15.209	1476785.034	151.824	0.029092	8.081177	0.001683713	0.467698022	0.004056	1.1265556	25.450	1.026	2.746	439.677		
19-Apr-22 21:00:00	10.820	0.441	2.853	2.977	179.813	15.162	1449766.968	152.086	0.029511	8.197635	0.001674642	0.465178272	0.004136	1.1490249	26.107	1.001	2.853	433.397		
19-Apr-22 22:00:00	10.329	0.313	2.912	3.068	192.614	15.114	1477838.745	151.174	0.028719	7.977466	0.00120889	0.335802658	0.004304	1.1954572	24.695	0.747	2.912	460.128		
19-Apr-22 23:00:00	11.662	0.565	2.806	2.972	202.376	15.139	1505868.896	151.923	0.033041	9.178102	0.002228009	0.618891362	0.004225	1.1737379	28.004	1.371	2.806	490.084		
20-Apr-22 00:00:00	11.891	0.341	2.826	2.968	130.077	15.094	1545555.298	168.643	0.034577	9.604672	0.001379178	0.383104878	0.004368	1.2133160	28.313	0.879	2.826	306.687		
20-Apr-22 01:00:00	11.793	0.518	2.963	3.134	162.620	15.130	1480097.778	157.640	0.032388	9.121726	0.002006768	0.557435591	0.004386	1.2183772	28.412	1.240	2.963	386.908		
20-Apr-22 02:00:00	11.355	0.358	2.917	3.061	151.770	15.115	1459741.821	157.898	0.031184	8.662092	0.001367361	0.379822503	0.004258	1.1827973	27.148	0.866	2.917	362.864		
20-Apr-22 03:00:00	11.559	0.425	2.970	3.110	156.204	15.117	1494441.772	166.712	0.032501	9.027999	0.001661705	0.461584824	0.004438	1.2328561	27.650	1.003	2.970	369.777		
20-Apr-22 04:00:00	12.128	0.670	2.869	3.020	126.491	15.108	1443676.514	154.834	0.032940	9.149998	0.002532937	0.703593555	0.004141	1.1504002	29.004	1.608	2.869	301.057		
20-Apr-22 05:00:00	11.648	0.390	3.081	3.229	137.405	15.052	1509702.881	159.104	0.033084	9.189960	0.001541083	0.428078472	0.004651	1.2919784	27.553	0.960	3.081	329.591		
20-Apr-22 06:00:00	11.957	0.477	3.001	3.175	136.986	15.137	1531083.496	168.117	0.034442	9.567166	0.001913502	0.531528273	0.004596	1.2765343	28.447	1.144	3.001	314.561		
20-Apr-22 07:00:00	11.948	0.535	2.991	3.161	139.332	15.073	1430813.232	155.695	0.032163	9.834201	0.002003873	0.556631436	0.004280	1.1888770	28.345	1.262	<			

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

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Apr-22 01:00:00	16.657	0.710	2.370	2.517	28.241	14.943	1817161.621	212.872	0.056948	15.819898	0.003376971	0.938047506	0.004307	1.1963998	38.686	1.730	2.370	65.557	
22-Apr-22 02:00:00	16.412	0.605	2.546	2.678	28.737	14.919	1814012.329	210.680	0.056012	15.558969	0.002873568	0.798213417	0.004618	1.2828848	37.982	1.396	2.546	66.236	
22-Apr-22 03:00:00	16.810	0.821	2.719	2.867	26.746	14.917	1862915.039	215.622	0.058917	16.365911	0.004004288	1.112302118	0.005065	1.4069136	38.873	1.886	2.719	61.976	
22-Apr-22 04:00:00	15.409	0.652	2.628	2.745	30.826	14.934	1826640.869	215.667	0.052953	14.709285	0.003117047	0.865846403	0.004800	1.3333759	35.729	1.499	2.628	72.249	
22-Apr-22 05:00:00	16.547	0.807	2.534	2.677	29.569	14.955	1803051.880	221.854	0.056131	15.591899	0.003807057	1.057515865	0.004569	1.2692527	38.482	1.833	2.534	69.470	
22-Apr-22 06:00:00	15.944	0.420	2.565	2.715	30.051	14.939	1821157.104	214.186	0.054629	15.174702	0.002001351	0.555930896	0.004671	1.2975544	36.997	0.952	2.565	69.502	
22-Apr-22 07:00:00	11.896	0.902	2.970	3.115	148.425	15.101	1470640.625	160.117	0.032915	9.143073	0.003471813	0.964392432	0.004367	1.2131870	28.371	2.152	2.970	352.691	
22-Apr-22 08:00:00	11.252	0.609	2.903	3.057	151.641	15.143	1449382.324	156.252	0.030682	8.522799	0.002310337	0.641760267	0.004207	1.1687314	27.031	1.454	2.903	361.530	
22-Apr-22 09:00:00	10.186	0.590	2.662	2.794	138.866	15.126	1663492.432	181.733	0.031880	8.855598	0.002570962	0.714155998	0.004427	1.2298499	24.404	1.406	2.662	326.230	
22-Apr-22 10:00:00	11.742	0.756	2.876	3.031	145.538	15.176	1642611.572	179.300	0.036289	10.080253	0.003248874	0.902464905	0.004725	1.3123849	28.604	1.822	2.876	362.745	
22-Apr-22 11:00:00	11.441	0.711	2.810	2.957	173.319	15.237	1641075.928	180.669	0.035325	9.812367	0.003052737	0.847982422	0.004612	1.2811765	27.942	1.743	2.810	421.943	
22-Apr-22 12:00:00	10.273	0.520	2.709	2.857	165.465	15.184	1471932.129	158.593	0.028448	7.902293	0.002004557	0.556821399	0.003987	1.1074734	24.855	1.260	2.709	397.454	
22-Apr-22 13:00:00	10.862	0.572	2.924	3.056	145.363	15.171	1605574.585	176.761	0.032810	9.113800	0.002403354	0.667598274	0.004695	1.3042579	26.215	1.391	2.924	353.012	
22-Apr-22 14:00:00	10.672	0.692	2.805	2.967	155.555	15.090	1583621.338	176.763	0.031796	8.832167	0.002867872	0.796631182	0.004442	1.2337512	25.410	1.678	2.805	346.490	
22-Apr-22 15:00:00	11.665	0.783	2.913	3.050	106.186	15.090	1609689.087	173.106	0.035325	9.812624	0.003299008	0.916391132	0.004689	1.3024391	27.788	1.862	2.913	253.901	
22-Apr-22 16:00:00	10.934	0.618	2.707	2.848	163.853	15.206	1556881.836	171.911	0.032028	8.896675	0.002519877	0.699965833	0.004215	1.1708122	26.561	1.568	2.707	394.850	
22-Apr-22 17:00:00	11.698	0.567	2.572	2.735	100.568	15.158	1608379.883	172.897	0.035398	9.832853	0.002385529	0.66264708	0.004137	1.1491212	28.176	1.371	2.572	245.712	
22-Apr-22 18:00:00	11.748	0.721	2.514	2.659	105.348	15.120	1625709.961	174.222	0.035932	9.981212	0.002369564	0.852656596	0.004087	1.1353363	28.120	1.716	2.514	249.144	
22-Apr-22 19:00:00	11.084	0.749	2.640	2.782	164.845	15.107	1632396.729	184.776	0.034040	9.455525	0.003202495	0.889581819	0.004310	1.1972790	26.472	1.777	2.640	393.966	
22-Apr-22 20:00:00	11.483	0.645	2.716	2.890	147.728	15.015	1633278.320	182.959	0.035287	9.801856	0.00275783	0.766064013	0.004436	1.2322935	26.999	1.505	2.716	344.090	
22-Apr-22 21:00:00	11.699	0.730	2.976	3.130	166.628	15.015	1589162.598	173.355	0.034979	9.716348	0.003037782	0.84382841	0.004730	1.3137893	27.471	1.710	2.976	390.488	
22-Apr-22 22:00:00	12.023	0.714	2.757	2.882	122.478	14.910	1629617.432	181.639	0.036863	10.239798	0.003047014	0.846392866	0.004493	1.2479785	27.961	1.641	2.757	292.221	
22-Apr-22 23:00:00	12.651	0.831	2.706	2.849	96.113	14.850	1618801.392	178.499	0.038529	10.702456	0.003522821	0.978561264	0.004380	1.2166693	28.940	1.888	2.706	219.522	
23-Apr-22 00:00:00	12.215	0.849	2.703	2.851	143.849	14.927	1581280.762	177.473	0.036340	10.094309	0.003515303	0.975972978	0.004275	1.1874437	28.284	1.963	2.703	328.275	
23-Apr-22 01:00:00	11.937	0.755	2.772	2.926	111.715	14.799	1660150.635	184.753	0.037285	10.356845	0.003280014	0.911115096	0.004602	1.2782389	26.894	1.707	2.772	240.033	
23-Apr-22 02:00:00	12.055	0.858	2.900	3.060	106.368	14.854	1622253.174	172.269	0.036792	10.219961	0.003644137	1.012260397	0.004705	1.0868172	27.663	1.938	2.900	241.187	
23-Apr-22 03:00:00	11.662	0.746	3.033	3.187	130.047	14.884	1605294.434	175.433	0.035221	9.783674	0.003135059	0.870849632	0.004869	1.3526356	26.821	1.710	3.033	302.549	
23-Apr-22 04:00:00	11.964	0.853	3.032	3.178	119.883	14.846	1629195.801	185.076	0.036673	10.186807	0.003637023	1.010284254	0.004939	1.3720097	27.352	1.954	3.032	275.311	
23-Apr-22 05:00:00	12.356	0.670	2.997	3.140	91.898	14.854	1635248.535	173.916	0.038014	10.559309	0.002868226	0.796729419	0.004900	1.3612033	28.266	1.541	2.997	211.304	
23-Apr-22 06:00:00	11.860	0.572	3.154	3.316	123.355	14.885	1596822.388	183.504	0.035630	9.897186	0.002389662	0.663794955	0.005036	1.3989255	27.252	1.308	3.154	297.602	
23-Apr-22 07:00:00	12.649	0.622	2.909	3.043	99.345	14.883	1669234.741	174.377	0.039724	11.034425	0.002715787	0.754385334	0.004855	1.3487289	29.087	1.430	2.909	229.855	
23-Apr-22 08:00:00	10.958	0.360	2.743	2.881	163.517	14.960	1586019.531	176.997	0.032698	9.082755	0.001494614	0.415170601	0.004350	1.2083322	25.552	0.898	2.743	374.231	
23-Apr-22 09:00:00	10.534	0.656	2.672	2.815	165.034	14.977	1610728.027	176.051	0.031921	8.867042	0.002764984	0.768051136	0.004304	1.1954714	24.593	1.443	2.672	384.308	
23-Apr-22 10:00:00	10.307	0.619	2.515	2.670	162.240	14.913	1512804.565	157.261	0.029336	8.149016	0.002449672	0.680464351	0.003804	1.0567287	23.575	1.433	2.515	357.249	
23-Apr-22 11:00:00	10.895	0.760	2.602	2.775	181.640	15.046	1478659.741	159.811	0.030272	8.408924	0.002937461	0.815961489	0.003843	1.0675444	25.749	1.762	2.602	428.499	
23-Apr-22 12:00:00	11.007	0.824	2.414	2.568	180.897	14.969	1482086.548	152.452	0.030691	8.525390	0.003197497	0.888193645	0.003578	1.0939557	25.675	1.973	2.414	418.185	
23-Apr-22 13:00:00	10.738	0.797	2.352	2.521	201.337	15.023	1463443.237	156.376	0.029565	8.212564	0.003052739	0.847982989	0.003443	0.9563100	25.275	1.873	2.352	471.565	
23-Apr-22 14:00:00	11.602	0.760	2.422	2.574	144.115	14.967	1490732.3												

Site Name: GULF_GUT
Stack Name: HRSO_STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O ₂	FLOW @ 1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Apr-22 13:00:00	20.482	0.318	0.514	0.655	0.000	13.752	1740838.867	257.541	0.067083	18.634044	0.001450557	0.402932502	0.000895	0.2485965	39.695	0.610	0.514	0.000	
25-Apr-22 14:00:00	20.934	0.299	0.640	0.781	0.000	13.763	1749978.149	257.110	0.068924	19.145417	0.001371117	0.380865864	0.001120	0.3110095	40.646	0.566	0.640	0.000	
25-Apr-22 15:00:00	20.534	0.323	0.458	0.598	0.000	13.764	1715133.789	254.421	0.066260	18.405596	0.001448787	0.402440747	0.000785	0.2180941	39.683	0.638	0.458	0.000	
25-Apr-22 16:00:00	19.621	0.377	0.666	0.810	0.000	13.725	1775814.697	257.974	0.065555	18.209673	0.001753834	0.487176211	0.001182	0.3284497	37.888	0.735	0.666	0.000	
25-Apr-22 17:00:00	19.482	0.407	0.519	0.662	0.000	13.770	1734859.375	255.778	0.063588	17.663396	0.001846617	0.512949149	0.000900	0.2496861	37.856	0.581	0.519	0.022	
25-Apr-22 18:00:00	19.174	0.274	0.522	0.655	0.000	13.740	1741260.132	258.153	0.062815	17.448624	0.001248379	0.346771831	0.000910	0.2526567	37.096	0.537	0.522	0.000	
25-Apr-22 19:00:00	18.875	0.257	0.580	0.726	0.011	13.841	1746990.967	258.891	0.062038	17.232732	0.001176407	0.326779598	0.001013	0.2812562	37.034	0.507	0.580	0.188	
25-Apr-22 20:00:00	19.322	0.310	0.579	0.725	0.081	13.743	1745161.255	259.491	0.063439	17.622068	0.001415446	0.393179383	0.001010	0.2805991	37.399	0.601	0.579	0.063	
25-Apr-22 21:00:00	19.187	0.322	0.618	0.760	0.042	13.743	1747458.717	260.243	0.064060	17.794439	0.001496513	0.415697927	0.001096	0.3044520	37.140	0.638	0.618	0.000	
25-Apr-22 22:00:00	18.841	0.271	0.607	0.764	0.303	13.740	1741327.393	259.763	0.061726	17.146146	0.001236168	0.343380025	0.001058	0.2938053	36.457	0.525	0.607	0.411	
25-Apr-22 23:00:00	19.275	0.189	0.678	0.822	0.157	13.685	1744736.450	258.787	0.063270	17.575129	0.000865158	0.240321622	0.001183	0.3287203	36.969	0.365	0.678	0.222	
26-Apr-22 00:00:00	18.296	0.229	0.674	0.824	0.111	13.671	1758456.177	260.817	0.060530	16.813832	0.001052248	0.292291109	0.001186	0.3293740	35.063	0.443	0.674	0.298	
26-Apr-22 01:00:00	19.146	0.301	0.706	0.856	0.149	13.643	1777195.923	259.707	0.064016	17.782271	0.001398615	0.38850421	0.001254	0.3483673	36.566	0.567	0.706	0.551	
26-Apr-22 02:00:00	18.816	0.439	0.680	0.828	0.243	13.737	1753053.223	260.966	0.062057	17.238179	0.002013331	0.559258521	0.001191	0.3308969	36.392	0.857	0.680	0.239	
26-Apr-22 03:00:00	18.460	0.237	0.707	0.833	0.106	13.692	1754097.656	260.244	0.060922	16.922800	0.001086836	0.301899003	0.001240	0.3444448	35.480	0.467	0.707	0.070	
26-Apr-22 04:00:00	18.601	0.270	0.747	0.887	0.041	13.702	1740926.392	261.376	0.060926	16.923987	0.001230129	0.341702505	0.001301	0.3612821	35.800	0.531	0.747	0.016	
26-Apr-22 05:00:00	18.693	0.192	0.752	0.890	0.116	13.688	1778921.875	263.618	0.062562	17.378415	0.000892599	0.24794428	0.001338	0.3715746	35.903	0.371	0.752	0.000	
26-Apr-22 06:00:00	19.686	0.281	0.760	0.906	0.024	13.748	1725316.162	259.593	0.063900	17.749975	0.001720154	0.477820499	0.001311	0.3641568	38.126	0.740	0.760	0.120	
26-Apr-22 07:00:00	18.749	0.223	0.713	0.863	0.054	13.763	1732656.616	257.264	0.061119	16.977408	0.001010318	0.280643949	0.001235	0.3429260	36.392	0.424	0.713	0.097	
26-Apr-22 08:00:00	16.941	0.193	0.711	0.859	0.051	13.681	1775455.811	260.983	0.056588	15.718978	0.000895023	0.248617554	0.001263	0.3507437	32.504	0.369	0.711	0.000	
26-Apr-22 09:00:00	18.249	0.065	0.676	0.824	0.006	13.728	1768436.279	260.506	0.060717	16.865834	0.000301447	0.083735353	0.001196	0.3322619	35.249	0.126	0.676	0.090	
26-Apr-22 10:00:00	19.397	0.279	0.560	0.702	0.000	13.753	1769651.129	259.815	0.064580	17.938754	0.00129262	0.359061152	0.000991	0.2754113	37.582	0.541	0.560	0.000	
26-Apr-22 11:00:00	18.733	0.350	0.518	0.665	0.000	13.753	1743884.399	257.327	0.061460	17.072265	0.00159896	0.444155557	0.000903	0.2509334	36.339	0.674	0.518	0.000	
26-Apr-22 12:00:00	19.755	0.370	0.578	0.723	0.000	13.760	1723390.259	255.058	0.064053	17.792365	0.001668512	0.46347568	0.000996	0.2767315	38.336	0.712	0.578	0.000	
26-Apr-22 13:00:00	18.864	0.374	0.735	0.885	12.341	14.491	1258298.462	153.710	0.044658	12.405066	0.001233376	0.342604322	0.000924	0.2567371	40.748	0.813	0.735	26.940	
26-Apr-22 14:00:00	18.911	0.327	0.641	0.788	0.058	13.826	1779815.796	258.318	0.063324	17.590309	0.001521458	0.422627359	0.001141	0.3170580	37.052	0.645	0.641	0.000	
26-Apr-22 15:00:00	20.751	0.379	0.801	0.942	0.000	13.891	1764695.801	259.596	0.068895	19.137566	0.001750865	0.486351391	0.001413	0.3926363	41.019	0.752	0.801	0.000	
26-Apr-22 16:00:00	21.169	0.371	0.703	0.852	0.000	13.903	1764187.134	256.898	0.070262	19.517301	0.001712609	0.475724671	0.001240	0.3444897	41.738	0.752	0.703	0.000	
26-Apr-22 17:00:00	19.748	0.291	0.709	0.849	0.159	13.965	1734369.507	259.999	0.064437	17.899075	0.001319547	0.366540887	0.001230	0.3416529	39.441	0.570	0.709	0.004	
26-Apr-22 18:00:00	17.803	0.303	0.776	0.920	9.870	14.448	1587485.229	222.019	0.053170	14.769570	0.001257736	0.349371225	0.001231	0.3420661	38.198	0.678	0.776	21.377	
26-Apr-22 19:00:00	19.662	0.385	0.705	0.850	5.420	14.248	1582996.948	207.520	0.058559	16.266452	0.001594242	0.442844996	0.001116	0.3101048	40.918	0.803	0.705	11.233	
26-Apr-22 20:00:00	19.705	0.437	0.731	0.880	5.278	14.249	1563991.699	214.013	0.057982	16.106137	0.001789336	0.49703784	0.001143	0.3174474	41.031	0.915	0.731	10.548	
26-Apr-22 21:00:00	18.935	0.348	0.793	0.941	4.717	14.248	1632178.833	224.982	0.058146	16.151748	0.001488281	0.413411401	0.001294	0.3594878	39.275	0.721	0.793	9.712	
26-Apr-22 22:00:00	19.656	0.326	0.834	0.977	4.227	14.222	1614179.810	221.419	0.059693	16.581386	0.001375682	0.38213382	0.001346	0.3738675	40.763	0.680	0.834	8.569	
26-Apr-22 23:00:00	19.198	0.374	0.775	0.914	5.174	14.248	1660223.022	226.447	0.059966	16.657104	0.001625118	0.451421694	0.001287	0.3575255	39.975	0.771	0.775	10.663	
27-Apr-22 00:00:00	19.960	0.335	0.741	0.886	3.267	14.188	1613780.518	226.163	0.060602	16.833814	0.001414329	0.392869092	0.001195	0.3319584	41.179	0.737	0.741	6.654	
27-Apr-22 01:00:00	18.609	0.495	0.808	0.949	6.744	14.274	1633520.142	227.305	0.057190	15.886167	0.002115815	0.587726524	0.001320	0.3666766	38.883	1.035	0.808	14.324	
27-Apr-22 02:00:00	19.643	0.312	0.782	0.921	4.472	14.247	1662183.594	224.825	0.061427	17.063127	0.001355495	0.376526278	0.001300	0.3610254					

Site Name: GULF_GUT
Stack Name: HRSO_STACK21
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
29-Apr-22 01:00:00	14.809	0.198	1.798	1.926	32.776	14.827	1297796.143	153.800	0.036160	10.044378	0.000673425	0.187062601	0.002334	0.6482167	33.733	0.451	1.798	75.232		
29-Apr-22 02:00:00	16.749	0.183	1.135	1.269	21.257	14.623	1302052.734	150.676	0.041030	11.397336	0.000622465	0.172907022	0.001478	0.4104265	36.923	0.391	1.135	46.771		
29-Apr-22 03:00:00	18.358	0.304	1.078	1.211	13.678	14.582	1264972.900	149.058	0.043689	12.135939	0.00100539	0.279275047	0.001364	0.3789542	40.199	0.689	1.078	29.112		
29-Apr-22 04:00:00	19.090	0.299	1.008	1.143	13.542	14.542	1279577.881	156.189	0.045957	12.765787	0.001001802	0.278278438	0.001289	0.3581568	41.560	0.690	1.008	29.630		
29-Apr-22 05:00:00	17.205	0.264	1.168	1.299	19.249	14.691	1268253.906	154.447	0.041053	11.403538	0.000875162	0.24310064	0.001482	0.4115917	38.134	0.648	1.168	42.509		
29-Apr-22 06:00:00	17.591	0.242	0.806	0.949	17.012	14.437	1275494.751	160.981	0.042212	11.725588	0.000809137	0.224760387	0.001028	0.2854553	37.689	0.523	0.806	36.644		
29-Apr-22 07:00:00	17.285	0.264	0.944	1.080	11.202	14.360	1291272.705	153.311	0.041993	11.664618	0.000891234	0.247565128	0.001219	0.3384736	36.588	0.585	0.944	23.453		
29-Apr-22 08:00:00	18.234	0.296	1.331	1.471	18.283	14.610	1250583.496	152.895	0.042902	11.917099	0.000967389	0.268719239	0.001664	0.4622110	39.932	0.719	1.331	39.702		
29-Apr-22 09:00:00	16.904	0.190	1.244	1.371	17.441	14.612	1299772.827	151.927	0.041338	11.482687	0.000645266	0.17924068	0.001617	0.4492757	37.217	0.425	1.244	39.462		
29-Apr-22 10:00:00	15.991	0.070	1.128	1.256	21.279	14.544	1277601.685	154.755	0.038438	10.677281	0.000234444	0.065123403	0.001441	0.4002978	34.808	0.153	1.128	46.672		
29-Apr-22 11:00:00	15.486	0.340	1.188	1.334	25.862	14.703	1308251.709	154.355	0.038117	10.588084	0.001163956	0.323321026	0.001554	0.4317365	34.613	0.771	1.188	58.236		
29-Apr-22 12:00:00	17.073	0.380	1.234	1.380	16.314	14.551	1302134.399	151.785	0.041827	11.618573	0.001296696	0.360193295	0.001606	0.4462011	37.220	0.829	1.234	35.493		
29-Apr-22 13:00:00	17.913	0.365	1.106	1.260	17.745	14.551	1294104.980	156.573	0.043614	12.115064	0.001237079	0.343633083	0.001431	0.3974639	39.046	0.785	1.106	38.549		
29-Apr-22 14:00:00	19.457	0.262	1.031	1.185	6.617	14.318	1408632.202	177.610	0.051565	14.323536	0.000966241	0.268400185	0.001452	0.4034043	40.930	0.551	1.031	13.893		
29-Apr-22 15:00:00	19.648	0.205	0.796	0.945	0.145	13.962	1744384.033	258.558	0.064481	17.911415	0.000937585	0.260440147	0.001389	0.3857597	39.213	0.411	0.796	0.051		
29-Apr-22 16:00:00	18.692	0.212	0.856	1.004	6.526	14.295	1617830.811	214.139	0.056895	15.804051	0.000896353	0.248987054	0.001385	0.3846246	39.153	0.433	0.856	13.697		
29-Apr-22 17:00:00	18.000	0.280	0.822	0.975	14.350	14.512	1410544.922	174.982	0.047768	13.268890	0.001033498	0.287082651	0.001160	0.3221391	39.007	0.596	0.822	31.433		
29-Apr-22 18:00:00	16.612	0.333	1.358	1.506	25.746	14.619	1266538.574	154.826	0.039583	10.995242	0.001105556	0.30709889	0.001719	0.4776187	36.609	0.729	1.358	56.453		
29-Apr-22 19:00:00	19.933	0.155	0.670	0.821	0.072	13.916	1752542.358	260.062	0.065723	18.256300	0.000710331	0.197314181	0.001174	0.3261721	39.527	0.305	0.670	0.157		
29-Apr-22 20:00:00	18.205	0.289	0.762	0.913	0.289	13.939	1769770.630	259.710	0.060617	16.838150	0.001337914	0.371642734	0.001348	0.3744741	36.223	0.588	0.762	0.716		
29-Apr-22 21:00:00	18.542	0.230	0.769	0.911	0.130	13.926	1761447.144	261.753	0.061449	17.069036	0.001058265	0.293962463	0.001355	0.3763710	36.822	0.466	0.769	0.372		
29-Apr-22 22:00:00	19.020	0.349	0.703	0.850	0.649	13.926	1729230.347	258.839	0.061879	17.188548	0.001578458	0.438460547	0.001216	0.3377961	37.896	0.694	0.703	1.272		
29-Apr-22 23:00:00	18.981	0.389	0.731	0.882	0.540	13.953	1717876.343	256.752	0.061348	17.040986	0.001747841	0.485511325	0.001256	0.3490124	37.836	0.769	0.731	0.944		
30-Apr-22 00:00:00	21.152	0.293	0.758	0.907	1.683	14.055	1761609.131	255.927	0.070105	19.473603	0.001350704	0.37519569	0.001335	0.3709017	42.792	0.584	0.758	3.301		
30-Apr-22 01:00:00	19.012	0.464	0.805	0.953	0.572	13.973	1752151.001	260.294	0.062674	17.409307	0.002129542	0.59153953	0.001410	0.3915864	38.015	0.932	0.805	1.093		
30-Apr-22 02:00:00	17.954	0.207	0.874	1.014	0.470	14.026	1743684.448	261.373	0.058900	16.361146	0.00094546	0.26262772	0.001523	0.4231917	36.054	0.481	0.874	1.193		
30-Apr-22 03:00:00	19.650	0.280	0.936	1.082	1.895	14.113	1628998.657	224.546	0.060223	16.728745	0.001192001	0.331111366	0.001525	0.4236651	40.121	0.568	0.936	3.834		
30-Apr-22 04:00:00	18.996	0.291	1.055	1.199	16.834	14.575	1262805.420	145.136	0.045131	12.536482	0.000962687	0.26741306	0.001332	0.3699014	41.555	0.637	1.055	36.839		
30-Apr-22 05:00:00	19.880	0.381	0.861	1.006	8.863	14.353	1456079.956	192.423	0.054460	15.127858	0.001453801	0.403833503	0.001254	0.3484001	42.040	0.808	0.861	18.744		
30-Apr-22 06:00:00	17.564	0.348	1.073	1.218	18.713	14.511	1242708.740	149.029	0.041064	11.406720	0.001131547	0.314318683	0.001333	0.3702324	38.022	0.828	1.073	40.513		
30-Apr-22 07:00:00	18.120	0.311	1.171	1.292	17.161	14.596	1231684.204	147.430	0.041988	11.663410	0.001001889	0.278302459	0.001443	0.4007037	39.775	0.694	1.171	37.881		
30-Apr-22 08:00:00	16.790	0.274	1.311	1.455	34.225	14.714	1324583.252	156.352	0.041841	11.622471	0.0009508	0.264111187	0.001737	0.4823656	37.562	0.617	1.311	77.755		
30-Apr-22 09:00:00	15.982	0.329	1.592	1.732	44.891	14.773	1246104.614	148.938	0.037468	10.407841	0.001072051	0.297791857	0.001984	0.5509842	36.086	0.740	1.592	101.905		
30-Apr-22 10:00:00	16.290	0.168	1.200	1.325	31.291	14.671	1303082.031	155.869	0.039388	11.093854	0.000574168	0.159491061	0.001564	0.4345374	36.193	0.371	1.200	69.874		
30-Apr-22 11:00:00	18.483	0.084	0.769	0.913	8.787	14.406	1466778.198	189.286	0.051006	14.168416	0.000321897	0.089415961	0.001128	0.3132343	39.395	0.180	0.769	18.760		
30-Apr-22 12:00:00	15.786	0.363	1.053	1.194	26.296	14.686	1348579.102	164.022	0.040051	11.125343	0.001280215	0.355615174	0.001421	0.3945912	35.155	0.801	1.053	58.941		
30-Apr-22 13:00:00	16.233	0.210	1.056	1.188	22.759	14.597	1343322.754	163.263	0.041026	11.396104	0.000736799	0.20466652	0.001419	0.3941040	35.647	0.452	1.056	50.247		
30-Apr-22 14:00:00	17.063	0.382	1.018	1.156	24.878	14.631	1380081.543	164.235	0.044304	12.306690	0.001380105	0.383362486	0.001405	0.3904099	37.689	0.838	1.018	54.609		
30-Apr-22 15:00:00	17.004	0.353	1.119	1.249	23.580	14.641	1340036.987	164.884	0.042868	11.907869	0.001237842	0.343844863	0.001500	0.4166972	37.596	0.757	1.119	53.024		
30-Apr-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
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Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO @7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
15-Apr-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down
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16-Apr-22 16:00:00	20.001	0.000	1.167	1.183	33.772	14.242	1323024.536	161.531	0.049786	13.829356	0	0	0.001544	0.4287728	41.588	0.000	1.167	70.258	
16-Apr-22 17:00:00	24.611	0.000	0.759	0.777	0.683	13.543	1714952.393	251.916	0.079407	22.057431	0	0	0.001302	0.3617724	46.354	0.000	0.759	1.222	
16-Apr-22 18:00:00	22.622	0.000	0.850	0.866	0.506	13.469	1753373.047	255.186	0.074626	20.729554	0	0	0.001490	0.4137554	42.181	0.000	0.850	1.022	
16-Apr-22 19:00:00	21.849	0.000	0.755	0.780	0.450	13.436	1700377.930	252.522	0.069898	19.416044	0	0	0.001283	0.3564698	40.554	0.000	0.755	0.808	
16-Apr-22 20:00:00	22.931	0.000	0.724	0.743	0.336	13.465	1715151.978	255.984	0.073996	20.554361	0	0	0.001242	0.3449829	42.745	0.000	0.724	0.711	
16-Apr-22 21:00:00	20.631	0.000	0.756	0.775	1.351	13.593	1708634.033	256.227	0.066322	18.422777	0	0	0.001292	0.3587595	39.127	0.000	0.756	2.722	
16-Apr-22 22:00:00	20.257	0.000	0.787	0.812	1.429	13.553	1758327.515	255.272	0.067013	18.614822	0	0	0.001385	0.3846231	38.210	0.000	0.787	2.616	
16-Apr-22 23:00:00	20.663	0.000	0.885	0.908	1.649	13.511	1651177.490	257.320	0.064190	17.830597	0	0	0.001461	0.4057892	38.747	0.000	0.885	2.892	
17-Apr-22 00:00:00	18.643	0.000	0.851	0.876	2.760	13.526	1629970.093	253.917	0.057171	15.880909	0	0	0.001387	0.3853861	35.045	0.000	0.851	5.198	
17-Apr-22 01:00:00	19.418	0.000	0.974	1.000	1.344	13.424	1661351.318	256.680	0.060693	16.859051	0	0	0.001618	0.4494530	35.986	0.000	0.974	2.260	
17-Apr-22 02:00:00	19.532	0.000	0.916	0.954	1.452	13.497	1663511.841	257.359	0.061129	16.980181	0	0	0.001524						

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
18-Apr-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
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19-Apr-22 06:00:00	15.332	0.000	2.358	2.370	170.191	14.533	1432086.548	158.453	0.041309	11.474822	0	0	0.003376	0.9379148	33.332	0.000	2.358	369.934		
19-Apr-22 07:00:00	20.951	0.000	3.095	3.116	19.329	14.348	1808618.530	217.145	0.071289	19.802527	0	0	0.005598	1.5551041	44.236	0.000	3.095	40.652		
19-Apr-22 08:00:00	14.333	0.000	2.832	2.853	152.677	14.585	1463252.075	157.734	0.039458	10.960557	0	0	0.004144	1.1509746	31.415	0.000	2.832	334.332		
19-Apr-22 09:00:00	13.783	0.124	2.609	2.619	197.618	14.645	1448624.023	152.687	0.037564	10.434469	0.000471874	0.13107608	0.003780	1.0500293	30.493	0.279	2.609	437.068		
19-Apr-22 10:00:00	15.784	0.230	3.122	3.140	106.968	14.573	1674075.684	190.832	0.049712	13.808892	0.001008154	0.280042665	0.005227	1.4519779	34.529	0.487	3.122	233.766		
19-Apr-22 11:00:00	13.426	0.331	2.754	2.787	213.092	14.692	1486194.092	153.878	0.037541	10.428027	0.001288374	0.357881708	0.004093	1.1368264	29.929	0.738	2.754	474.995		
19-Apr-22 12:00:00	13.176	0.311	2.833	2.826	211.236	14.702	1487358.887	153.809	0.036869	10.241460	0.001209438	0.335954995	0.004214	1.1706152	29.430	0.691	2.833	471.588		
19-Apr-22 13:00:00	13.640	0.301	2.565	2.592	172.225	14.703	1531392.090	155.369	0.039298	10.916231	0.001205742	0.334928313	0.003928	1.0910575	30.476	0.672	2.565	385.029		
19-Apr-22 14:00:00	14.027	0.296	2.702	2.720	152.910	14.709	1640347.290	167.094	0.043289	12.024750	0.001272912	0.353586786	0.004432	1.2312273	31.333	0.659	2.702	346.294		
19-Apr-22 15:00:00	15.723	0.343	2.737	2.747	94.036	14.619	1734161.133	183.423	0.051299	14.249588	0.001558576	0.432187858	0.004746	1.3182344	34.640	0.756	2.737	207.173		
19-Apr-22 16:00:00	18.514	0.425	2.407	2.430	22.568	14.364	1797468.328	211.920	0.062609	17.391434	0.001997882	0.554967343	0.004326	1.2017607	39.224	0.899	2.407	47.917		
19-Apr-22 17:00:00	18.708	0.392	3.066	3.094	32.060	14.415	1771883.423	212.816	0.062364	17.323393	0.00182021	0.505613761	0.005432	1.5088128	39.931	0.837	3.066	68.434		
19-Apr-22 18:00:00	18.775	0.390	2.744	2.771	27.894	14.436	1803351.318	215.177	0.063702	17.694908	0.001840168	0.511157768	0.004948	1.3745809	40.211	0.822	2.744	59.621		
19-Apr-22 19:00:00	19.215	0.465	2.635	2.657	25.186	14.406	1794588.501	217.411	0.064875	18.020805	0.002184158	0.606710581	0.004729	1.3136458	40.929	0.986	2.635	53.675		
19-Apr-22 20:00:00	13.357	0.467	2.649	2.662	211.478	14.677	1484162.231	155.021	0.037296	10.360120	0.001813735	0.503815149	0.003931	1.0919276	29.704	1.038	2.649	470.299		
19-Apr-22 21:00:00	12.936	0.365	2.731	2.702	221.131	14.661	1447096.191	155.789	0.035218	9.782820	0.001382219	0.383949639	0.003953	1.0979759	28.729	0.819	2.731	486.671		
19-Apr-22 22:00:00	13.153	0.416	2.607	2.649	203.177	14.636	1491111.694	152.685	0.036900	10.250048	0.001624763	0.451323157	0.003887	1.0795522	29.093	0.913	2.607	452.112		
19-Apr-22 23:00:00	13.300	0.498	2.638	2.650	229.386	14.654	1479817.871	153.403	0.037027	10.285377	0.001929433	0.535953575	0.003904	1.0843106	29.507	1.121	2.638	508.225		
20-Apr-22 00:00:00	13.040	0.457	2.959	2.981	203.845	14.661	1578641.113	174.333	0.038728	10.757860	0.001889974	0.524992914	0.004671	1.2975120	28.926	1.015	2.959	452.958		
20-Apr-22 01:00:00	13.202	0.535	2.686	2.689	212.723	14.686	1475128.418	155.151	0.036640	10.177663	0.002066005	0.573890299	0.003963	1.1007992	29.392	1.194	2.686	469.002		
20-Apr-22 02:00:00	13.004	0.416	2.801	2.823	204.802	14.680	1391354.248	159.361	0.034040	9.455541	0.001516316	0.421198868	0.003898	1.0826740	28.950	0.925	2.801	455.703		
20-Apr-22 03:00:00	13.243	0.423	3.092	3.109	203.827	14.641	1472685.303	167.883	0.036692	10.192106	0.001626781	0.452433552	0.004554	1.2648933	29.281	0.916	3.092	450.672		
20-Apr-22 04:00:00	14.043	0.437	2.853	2.849	158.098	14.591	1397402.100	159.247	0.036919	10.255313	0.001599975	0.444437462	0.003986	1.1073437	30.800	0.945	2.853	332.453		
20-Apr-22 05:00:00	13.577	0.361	3.026	3.062	160.180	14.597	1496814.819	163.701	0.038233	10.620320	0.001415557	0.393210176	0.004529	1.2579934	29.812	0.794	3.026	351.831		
20-Apr-22 06:00:00	14.296	0.419	2.839	2.851	177.702	14.675	1579604.614	165.188	0.042486	11.801623	0.001731172	0.480881024	0.004484	1.2455140	31.773	0.934	2.839	395.117		
20-Apr-22 07:00:00	13.372	0.437	2.835	2.850	217.368	14.658	1466581.543	152.492	0.036897	10.249528	0.001677973	0.466103726	0.004158	1.1550109	29.64					

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
22-Apr-22 01:00:00	19.064	0.525	3.232	3.228	25.690	14.400	1815049.561	214.645	0.065101	18.083621	0.002493957	0.692765927	0.005866	1.6295682	40.612	1.147	3.232	54.937	
22-Apr-22 02:00:00	18.636	0.531	3.020	3.039	25.602	14.385	1842022.827	215.202	0.064584	17.939941	0.002561412	0.71150346	0.005564	1.5455035	39.598	1.131	3.020	54.500	
22-Apr-22 03:00:00	18.535	0.568	3.246	3.278	27.251	14.381	1789370.239	216.991	0.062399	17.333085	0.002658979	0.738605268	0.005809	1.6134739	39.383	1.213	3.246	57.844	
22-Apr-22 04:00:00	19.022	0.498	3.357	3.371	24.553	14.386	1751523.315	216.516	0.062682	17.411758	0.002283684	0.634356733	0.005880	1.6334004	40.422	1.022	3.357	52.013	
22-Apr-22 05:00:00	18.744	0.535	3.202	3.255	29.993	14.404	1862574.219	220.280	0.065682	18.245103	0.002608068	0.724463403	0.005965	1.6568661	39.927	1.144	3.202	63.025	
22-Apr-22 06:00:00	19.049	0.554	3.114	3.128	26.721	14.445	1723280.640	212.228	0.061759	17.155220	0.002498532	0.694036698	0.005366	1.4904866	40.847	1.186	3.114	57.071	
22-Apr-22 07:00:00	13.250	0.518	3.008	3.027	210.777	14.657	1497503.418	154.515	0.037331	10.369753	0.00203137	0.564269534	0.004505	1.2513401	29.369	1.150	3.008	467.150	
22-Apr-22 08:00:00	13.034	0.574	2.977	2.971	218.074	14.653	1493487.183	151.059	0.036624	10.173420	0.00224977	0.623604721	0.004446	1.2350866	28.877	1.272	2.977	483.037	
22-Apr-22 09:00:00	13.222	0.507	3.259	3.292	218.237	14.709	1624663.452	181.037	0.040414	11.226062	0.002157491	0.599302987	0.005295	1.4707769	29.548	1.134	3.259	487.664	
22-Apr-22 10:00:00	13.265	0.498	3.245	3.220	207.932	14.705	1650538.330	179.672	0.041192	11.442331	0.002150035	0.597232015	0.005356	1.4878869	29.633	1.097	3.245	457.647	
22-Apr-22 11:00:00	13.112	0.573	3.355	3.386	201.026	14.743	1649023.193	177.140	0.040679	11.299703	0.002473296	0.68702659	0.005533	1.5369251	29.476	1.288	3.355	451.756	
22-Apr-22 12:00:00	12.872	0.533	3.011	3.031	213.565	14.748	1481599.243	156.517	0.035880	9.966754	0.002067092	0.5741922	0.004461	1.2390825	28.950	1.202	3.011	480.144	
22-Apr-22 13:00:00	13.731	0.466	3.159	3.161	184.933	14.727	1637364.258	173.050	0.042298	11.749499	0.001998342	0.555094964	0.005173	1.4368813	30.780	1.046	3.159	414.650	
22-Apr-22 14:00:00	13.398	0.538	3.177	3.200	142.328	14.592	1669293.579	170.883	0.042078	11.688237	0.002351486	0.653190534	0.005304	1.4733509	29.394	1.185	3.177	312.291	
22-Apr-22 15:00:00	12.783	0.543	2.827	2.860	207.023	14.742	1558582.397	170.128	0.037484	10.412088	0.002215767	0.615490742	0.004407	1.2240965	28.723	1.239	2.827	465.105	
22-Apr-22 16:00:00	13.255	0.592	2.907	2.930	196.776	14.725	1649598.365	169.778	0.041138	11.427189	0.002555098	0.709749501	0.004796	1.3320887	29.706	1.326	2.907	440.734	
22-Apr-22 17:00:00	13.814	0.525	2.821	2.841	160.504	14.755	1622141.968	174.512	0.042159	11.710888	0.002227715	0.618809723	0.004575	1.2709391	31.104	1.176	2.821	361.717	
22-Apr-22 18:00:00	13.723	0.586	2.917	2.941	145.900	14.678	1678614.136	179.073	0.043340	12.039026	0.002573159	0.71476627	0.004896	1.3599882	30.523	1.308	2.917	324.427	
22-Apr-22 19:00:00	13.696	0.578	3.008	3.039	172.321	14.681	1667127.930	175.892	0.042957	11.932565	0.00252137	0.700380483	0.005014	1.3284743	30.478	1.286	3.008	383.426	
22-Apr-22 20:00:00	13.883	0.608	3.039	3.066	179.567	14.725	1687379.272	180.906	0.044073	12.242510	0.002685065	0.745851374	0.005129	1.4266277	31.113	1.362	3.039	402.699	
22-Apr-22 21:00:00	13.575	0.597	3.258	3.284	206.056	14.708	1660691.040	174.786	0.042415	11.781917	0.002593087	0.720302026	0.005411	1.5030082	30.364	1.317	3.258	461.035	
22-Apr-22 22:00:00	13.957	0.605	3.268	3.324	159.674	14.619	1646770.142	179.482	0.043243	12.011885	0.002607978	0.724438368	0.005381	1.4948122	30.770	1.333	3.268	327.040	
22-Apr-22 23:00:00	13.883	0.683	3.083	3.103	150.524	14.652	1617001.465	174.517	0.042234	11.731709	0.00289205	0.803347147	0.004985	1.3847889	30.749	1.512	3.083	333.534	
22-Apr-22 00:00:00	13.861	0.566	3.173	3.206	151.361	14.610	1644833.984	178.844	0.042893	11.914721	0.002437242	0.677011575	0.005219	1.4496972	30.495	1.237	3.173	333.017	
23-Apr-22 01:00:00	14.316	0.620	3.199	3.224	131.769	14.554	1684801.270	177.624	0.045377	12.604853	0.00273309	0.759191748	0.005389	1.4969890	31.232	1.361	3.199	291.497	
23-Apr-22 02:00:00	13.359	0.662	3.259	3.252	211.941	14.665	1630512.207	177.960	0.040982	11.383832	0.002823885	0.784412538	0.005313	1.4759334	29.673	1.536	3.259	474.277	
23-Apr-22 03:00:00	13.654	0.542	3.518	3.542	185.987	14.622	1561425.659	190.105	0.040111	11.141882	0.002214493	0.615136985	0.005493	1.5257484	30.094	1.195	3.518	410.153	
23-Apr-22 04:00:00	13.665	0.560	3.460	3.452	178.648	14.636	1619790.894	178.729	0.041645	11.568018	0.002373548	0.659318891	0.005604	1.5657867	30.190	1.236	3.460	394.665	
23-Apr-22 05:00:00	14.012	0.581	3.344	3.371	168.198	14.604	1608495.605	180.593	0.042403	11.778533	0.002445677	0.679354745	0.005379	1.4942723	30.791	1.263	3.344	369.703	
23-Apr-22 06:00:00	12.871	0.505	3.173	3.202	201.813	14.657	1577474.854	173.875	0.038200	10.611034	0.002083191	0.578664267	0.005005	1.3902511	28.507	1.118	3.173	451.064	
23-Apr-22 07:00:00	13.974	0.555	3.471	3.479	147.063	14.579	1645183.838	179.838	0.043252	12.014427	0.002390069	0.663907924	0.005710	1.5862031	30.590	1.320	3.471	321.526	
23-Apr-22 08:00:00	14.597	0.599	3.334	3.377	129.259	14.679	1562788.208	176.619	0.042920	11.922133	0.002450471	0.680686449	0.005210	1.4727262	31.952	1.220	3.334	278.956	
23-Apr-22 09:00:00	13.912	0.576	3.233	3.232	145.636	14.631	1577941.528	173.135	0.041301	11.472433	0.002378079	0.660577493	0.005102	1.4717277	30.715	1.262	3.233	316.983	
23-Apr-22 10:00:00	12.315	0.646	3.084	3.105	235.427	14.690	1451700.562	156.417	0.033636	9.343264	0.002453697	0.681582471	0.004477	1.2435860	27.452	1.439	3.084	524.554	
23-Apr-22 11:00:00	12.465	0.674	2.822	2.844	242.221	14.748	1547706.909	153.844	0.036297	10.082533	0.00273215	0.758930615	0.004368	1.3123912	28.021	1.517	2.822	544.817	
23-Apr-22 12:00:00	12.388	0.639	2.688	2.724	245.524	14.766	1463608.276	157.169	0.034112	9.475526	0.002446401	0.679555817	0.003934	1.0927178	27.962	1.443	2.688	553.759	
23-Apr-22 13:00:00	13.399	0.673	2.695	2.714	172.895	14.669	1440049.994	155.340	0.036323	10.089764	0.002538478	0.705132883	0.003884	1.0788635	29.757	1.499	2.695	383.868	
23-Apr-22 14:00:00	12.785	0.679	2.658	2.689	226.974	14.7													

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

Date & Time	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
25-Apr-22 13:00:00	20.548	0.172	1.093	1.104	0.471	13.455	1777971.436	256.092	0.068733	19.092393	0.000800439	0.22234405	0.001943	0.5397548	38.248	0.320	1.093	0.682	
25-Apr-22 14:00:00	21.466	0.036	1.087	1.118	0.168	13.413	1832469.604	257.328	0.074005	20.556841	0.000174618	0.048504902	0.001992	0.5532239	39.728	0.068	1.087	0.305	
25-Apr-22 15:00:00	20.913	0.086	1.051	1.093	0.334	13.490	1783163.086	254.232	0.070160	19.488848	0.000401826	0.111633258	0.001874	0.5205561	39.105	0.161	1.051	0.515	
25-Apr-22 16:00:00	19.428	0.100	1.100	1.125	0.243	13.454	1762875.977	258.021	0.064438	17.899359	0.000461626	0.128229425	0.001940	0.5388194	36.146	0.183	1.100	0.652	
25-Apr-22 17:00:00	20.415	0.100	1.125	1.151	0.281	13.449	1785826.294	258.095	0.068591	19.053100	0.00046806	0.130016697	0.002010	0.5582681	37.962	0.195	1.125	0.606	
25-Apr-22 18:00:00	19.783	0.142	1.053	1.089	0.392	13.493	1807828.247	255.446	0.067287	18.690887	0.000670926	0.186368279	0.001903	0.5285441	37.011	0.264	1.053	0.858	
25-Apr-22 19:00:00	18.738	0.048	1.059	1.092	0.387	13.551	1815849.609	256.840	0.064015	17.781847	0.000229048	0.063624332	0.001923	0.5340884	35.322	0.096	1.059	0.675	
25-Apr-22 20:00:00	20.260	0.103	1.028	1.060	0.411	13.456	1807020.020	256.546	0.068877	19.132370	0.000468935	0.135259646	0.001858	0.5162264	37.715	0.193	1.028	0.651	
25-Apr-22 21:00:00	19.796	0.075	0.993	1.034	0.321	13.462	1810144.653	256.012	0.067417	18.726822	0.000357504	0.099306676	0.001797	0.4991284	36.877	0.134	0.993	0.626	
25-Apr-22 22:00:00	20.183	0.163	1.061	1.096	0.276	13.432	1815956.665	260.368	0.068955	19.154173	0.000775892	0.215525433	0.001927	0.5353977	37.446	0.303	1.061	0.623	
25-Apr-22 23:00:00	20.232	0.057	1.094	1.145	0.539	13.415	1780231.079	257.799	0.067762	18.822858	0.000264168	0.07338013	0.001947	0.5408707	37.444	0.092	1.094	0.912	
26-Apr-22 00:00:00	19.194	0.057	1.123	1.154	0.388	13.434	1759345.459	260.768	0.063533	17.647921	0.000260657	0.072404726	0.001976	0.5489300	35.622	0.105	1.123	0.736	
26-Apr-22 01:00:00	19.511	0.153	1.133	1.160	0.460	13.394	1776462.769	260.547	0.065211	18.114153	0.000713421	0.198172375	0.002013	0.5590893	36.021	0.283	1.133	0.857	
26-Apr-22 02:00:00	19.284	0.049	1.125	1.150	0.476	13.413	1788960.815	261.819	0.064906	18.029381	0.000231021	0.064172567	0.002012	0.5588962	35.700	0.091	1.125	0.769	
26-Apr-22 03:00:00	18.162	0.028	1.133	1.152	0.556	13.446	1803625.854	256.361	0.061631	17.119791	0.000130937	0.036371513	0.002043	0.5674222	33.766	0.066	1.133	1.110	
26-Apr-22 04:00:00	19.342	0.001	1.193	1.228	0.448	13.406	1755244.995	262.642	0.063874	17.742674	3.05792E-06	0.000849422	0.002094	0.5816265	35.769	0.001	1.193	0.690	
26-Apr-22 05:00:00	17.583	0.070	1.163	1.183	0.585	13.431	1773952.271	263.005	0.058682	16.300454	0.0003259	0.090527811	0.002063	0.5731244	32.633	0.141	1.163	1.056	
26-Apr-22 06:00:00	18.633	0.087	1.312	1.335	1.500	13.484	1736325.806	263.106	0.060869	16.908054	0.000394455	0.109570895	0.002279	0.6330097	34.819	0.162	1.312	2.713	
26-Apr-22 07:00:00	18.039	0.050	1.188	1.213	1.373	13.522	1767768.555	260.019	0.059994	16.665129	0.000232008	0.064446535	0.002099	0.5831259	33.878	0.091	1.188	2.796	
26-Apr-22 08:00:00	17.792	0.001	1.164	1.186	0.337	13.443	1744994.507	259.843	0.058411	16.225328	2.90552E-06	0.00080709	0.002032	0.5643328	33.065	0.001	1.164	0.748	
26-Apr-22 09:00:00	17.738	0.035	1.094	1.124	0.329	13.489	1799671.265	256.279	0.060058	16.682908	0.00016317	0.045324985	0.001968	0.5467999	33.165	0.062	1.094	0.693	
26-Apr-22 10:00:00	20.048	0.038	1.100	1.123	0.380	13.444	1794195.190	258.328	0.067672	18.797910	0.000177132	0.049203209	0.001973	0.5480931	37.271	0.059	1.100	0.604	
26-Apr-22 11:00:00	20.201	0.039	1.094	1.111	0.382	13.447	1779748.169	257.056	0.067642	18.789547	0.000181576	0.050437755	0.001947	0.5406995	37.565	0.066	1.094	0.888	
26-Apr-22 12:00:00	20.259	0.069	1.092	1.119	0.225	13.528	1784869.507	256.606	0.068029	18.896984	0.00032095	0.089152797	0.001950	0.5415289	38.072	0.130	1.092	0.386	
26-Apr-22 13:00:00	18.993	0.212	1.712	1.750	45.312	14.345	1301057.617	151.073	0.046490	12.914027	0.000722174	0.200603776	0.002227	0.6187099	40.132	0.446	1.712	95.824	
26-Apr-22 14:00:00	19.149	0.169	0.812	0.849	0.189	13.496	1785311.646	259.078	0.064321	17.866843	0.000789961	0.219433496	0.001450	0.4027450	35.847	0.323	0.812	0.354	
26-Apr-22 15:00:00	20.275	0.019	0.778	0.808	0.318	13.464	1785120.972	256.682	0.068093	18.914682	8.761E-05	0.024336112	0.001389	0.3857651	37.780	0.036	0.778	0.563	
26-Apr-22 16:00:00	21.503	0.035	0.868	0.876	0.180	13.461	1767632.446	256.527	0.071511	19.864189	0.000162148	0.045041235	0.001534	0.4260065	40.058	0.059	0.868	0.296	
26-Apr-22 17:00:00	19.643	0.054	0.845	0.873	0.465	13.548	1803236.647	257.147	0.066641	18.511480	0.000254961	0.070822622	0.001524	0.4234317	37.020	0.102	0.845	0.633	
26-Apr-22 18:00:00	18.720	0.152	1.007	1.025	13.018	14.041	1632914.673	217.132	0.057510	15.974963	0.000649125	0.180312405	0.001644	0.4565484	37.804	0.307	1.007	26.404	
26-Apr-22 19:00:00	20.330	0.093	1.055	1.091	9.997	13.848	1557772.217	211.198	0.059581	16.550416	0.000380191	0.105606862	0.001643	0.4563963	39.934	0.202	1.055	19.545	
26-Apr-22 20:00:00	19.310	0.124	0.937	0.968	8.051	13.886	1610468.506	212.694	0.058507	16.252008	0.000522841	0.145233506	0.001510	0.4193652	38.133	0.244	0.937	15.876	
26-Apr-22 21:00:00	20.264	0.091	0.999	1.024	7.188	13.804	1647634.399	224.471	0.062814	17.448442	0.000391648	0.108791195	0.001646	0.4573401	39.555	0.179	0.999	13.747	
26-Apr-22 22:00:00	19.434	0.185	1.028	1.054	7.769	13.839	1621173.340	221.631	0.059274	16.464911	0.00078531	0.218141555	0.001666	0.4627841	38.122	0.363	1.028	15.386	
26-Apr-22 23:00:00	18.588	0.093	1.064	1.091	13.243	13.922	1634039.795	224.198	0.057145	15.873552	0.000397636	0.110454379	0.001738	0.4827999	36.897	0.185	1.064	26.395	
27-Apr-22 00:00:00	20.075	0.164	1.094	1.120	6.982	13.784	1631670.776	230.425	0.061626	17.118408	0.000698743	0.194095323	0.001785	0.4958212	39.083	0.318	1.094	13.482	
27-Apr-22 01:00:00	19.366	0.158	1.129	1.162	10.896	13.858	1649482.910	229.146	0.060100	16.694336	0.000683003	0.189722921	0.001862	0.5171843	38.048	0.306	1.129	21.389	
27-Apr-22 02:00:00	18.673	0.069	1.069	1.091	8.253	13.854	1650119.385	223.784	0.057972	16.103368	0.000300037	0.083343717	0.001763	0.4698155	36.687	0.139			

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/4/2022 00:00-30/4/2022 23:59

	Actual Operation Condition								Emission Loading						Emission Concentration for Standardization Comparison				Remark
Date & Time	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSO11_NOx@7%O2	HRSO11_SOx@7%O2	HRSO11_Dust (7%O2)	HRSO11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
29-Apr-22 01:00:00	17.638	0.173	2.113	2.145	51.657	14.175	1293767.578	152.649	0.042933	11.925733	0.000584917	0.162476913	0.002733	0.7591995	36.307	0.356	2.113	106.113	
29-Apr-22 02:00:00	17.774	0.271	1.793	1.813	87.744	14.217	1221291.992	149.605	0.040839	11.344083	0.000867007	0.240835313	0.002190	0.6082298	36.830	0.572	1.793	181.778	
29-Apr-22 03:00:00	18.729	0.202	2.047	2.091	51.719	14.169	1191150.879	152.639	0.041972	11.658959	0.000630574	0.175159502	0.002438	0.6772079	38.529	0.417	2.047	101.831	
29-Apr-22 04:00:00	18.410	0.192	2.070	2.098	64.052	14.181	1238378.906	161.746	0.042893	11.914660	0.000621045	0.172512362	0.002564	0.7120862	37.946	0.395	2.070	131.979	
29-Apr-22 05:00:00	17.243	0.290	1.945	1.980	85.745	14.298	1195761.719	150.703	0.038791	10.775344	0.000908885	0.252467953	0.002326	0.6460471	36.191	0.606	1.945	180.042	
29-Apr-22 06:00:00	19.192	0.129	1.896	1.914	45.614	14.194	1228541.626	158.836	0.044360	12.322272	0.000414597	0.115165833	0.002330	0.6471474	39.631	0.266	1.896	94.180	
29-Apr-22 07:00:00	18.342	0.229	1.881	1.902	45.529	14.142	1184708.862	157.038	0.040883	11.356493	0.00071103	0.1975082	0.002228	0.6189064	37.585	0.485	1.881	93.429	
29-Apr-22 08:00:00	17.055	0.302	1.880	1.902	85.189	14.226	1238682.617	148.264	0.039747	11.040752	0.00097972	0.272144363	0.002329	0.6469125	35.430	0.628	1.880	177.106	
29-Apr-22 09:00:00	17.604	0.439	1.877	1.908	94.253	14.285	1250784.180	149.101	0.041426	11.507123	0.001436017	0.398893508	0.002348	0.6521259	36.837	0.855	1.877	197.513	
29-Apr-22 10:00:00	17.785	0.402	1.962	1.992	87.683	14.296	1223659.302	157.264	0.040945	11.373670	0.001287268	0.357574438	0.002401	0.6669788	37.291	0.851	1.962	183.849	
29-Apr-22 11:00:00	17.535	0.518	2.124	2.161	116.105	14.349	1224068.604	156.957	0.040382	11.217183	0.001660088	0.461135463	0.002600	0.7221039	37.054	0.995	2.124	239.015	
29-Apr-22 12:00:00	18.799	0.190	2.238	2.267	38.263	14.185	1199352.661	153.924	0.042419	11.783107	0.000598009	0.166113477	0.002684	0.7454744	38.762	0.410	2.238	78.755	
29-Apr-22 13:00:00	18.908	0.081	1.868	1.907	35.053	14.123	1288751.953	154.664	0.045845	12.734815	0.000272782	0.07577267	0.002408	0.6688850	38.635	0.163	1.868	71.622	
29-Apr-22 14:00:00	20.682	0.204	1.405	1.437	13.040	13.913	1367888.672	183.627	0.053225	14.784631	0.00073134	0.203150091	0.001922	0.5340090	41.002	0.405	1.405	25.714	
29-Apr-22 15:00:00	20.723	0.010	1.181	1.210	0.706	13.449	1823664.307	261.540	0.071103	19.750740	4.98989E-05	0.013860793	0.002154	0.5983023	38.542	0.027	1.181	1.437	
29-Apr-22 16:00:00	19.082	0.047	1.412	1.457	9.382	13.889	1637615.967	215.230	0.058791	16.330858	0.000203181	0.056439158	0.002313	0.6424926	37.686	0.090	1.412	18.387	
29-Apr-22 17:00:00	18.402	0.150	1.641	1.684	46.138	14.166	1364011.719	166.449	0.047223	13.117592	0.00053657	0.14904722	0.002238	0.6216982	37.852	0.309	1.641	94.975	
29-Apr-22 18:00:00	17.115	0.363	2.007	2.053	96.834	14.346	1217102.783	149.041	0.039190	10.886172	0.001155056	0.320848999	0.002443	0.6784743	36.161	0.766	2.007	204.657	
29-Apr-22 19:00:00	20.218	0.058	1.160	1.184	0.571	13.447	1791084.595	261.187	0.068129	18.924627	0.000271405	0.075390238	0.002077	0.5769240	37.582	0.108	1.160	1.092	
29-Apr-22 20:00:00	20.036	0.065	1.180	1.213	0.653	13.431	1814189.575	263.310	0.068386	18.996221	0.000307307	0.085362941	0.002142	0.5948978	37.179	0.120	1.180	1.174	
29-Apr-22 21:00:00	18.258	0.138	1.124	1.143	0.574	13.488	1818716.064	256.880	0.062474	17.353868	0.000658888	0.183024369	0.002044	0.5676461	34.136	0.259	1.124	1.096	
29-Apr-22 22:00:00	18.396	0.047	1.066	1.094	0.734	13.517	1792794.312	254.106	0.062047	17.235339	0.000219783	0.061050868	0.001912	0.5310999	34.569	0.040	1.066	1.540	
29-Apr-22 23:00:00	18.501	0.144	1.027	1.059	0.982	13.515	1796237.427	258.396	0.062521	17.367076	0.000678188	0.188385513	0.001844	0.5122672	34.710	0.271	1.027	1.934	
30-Apr-22 00:00:00	19.722	0.055	1.031	1.061	4.167	13.609	1754534.546	256.754	0.065102	18.084015	0.000253487	0.070413044	0.001809	0.5024421	37.483	0.105	1.031	7.863	
30-Apr-22 01:00:00	19.128	0.000	1.158	1.158	0.608	13.408	1759943.604	260.266	0.063337	17.593626	1.82432E-06	0.000506756	0.002037	0.5658997	35.389	0.001	1.158	0.987	
30-Apr-22 02:00:00	18.775	0.039	1.092	1.123	0.642	13.433	1749274.780	259.491	0.061789	17.163491	0.0001807	0.05019455	0.001910	0.5306550	34.845	0.073	1.092	1.185	
30-Apr-22 03:00:00	19.726	0.051	1.318	1.376	2.338	13.552	1667927.612	222.559	0.061899	17.194239	0.00022303	0.061952677	0.002198	0.6105257	37.209	0.097	1.318	4.399	
30-Apr-22 04:00:00	17.464	0.222	2.031	2.061	68.471	14.251	1208277.588	146.826	0.039700	11.027883	0.000703665	0.195462452	0.002454	0.6816014	36.362	0.463	2.031	142.677	
30-Apr-22 05:00:00	19.374	0.098	1.204	1.242	21.296	13.909	1390992.432	188.106	0.050703	14.084147	0.000355744	0.098817818	0.001674	0.4651008	38.383	0.199	1.204	42.100	
30-Apr-22 06:00:00	18.368	0.214	1.975	2.005	51.347	14.174	1237934.937	149.450	0.042779	11.883020	0.000692899	0.192472016	0.002444	0.6789892	37.812	0.440	1.975	105.632	
30-Apr-22 07:00:00	17.133	0.385	2.068	2.094	91.063	14.279	1203927.124	148.849	0.038807	10.779817	0.001212546	0.336818404	0.002490	0.6917209	35.830	0.791	2.068	190.411	
30-Apr-22 08:00:00	17.105	0.436	1.965	2.005	101.479	14.291	1270161.011	160.675	0.040874	11.353993	0.00144871	0.402419446	0.002496	0.6933073	35.807	0.913	1.965	212.497	
30-Apr-22 09:00:00	16.169	0.555	2.037	2.066	131.300	14.353	1218082.764	146.003	0.037054	10.292733	0.001768104	0.491139919	0.002481	0.6892639	34.182	1.173	2.037	277.603	
30-Apr-22 10:00:00	17.250	0.240	1.985	1.998	76.032	14.197	1267984.375	156.484	0.041150	11.430570	0.000796473	0.22124263	0.002517	0.6991272	35.631	0.496	1.985	157.002	
30-Apr-22 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Apr-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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30-Apr-22 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
30-Apr-22 23:00:00	Shut Down</																		

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name:	GULF_GUT
Stack Name:	HRSG_STACK12
Periodically:	01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name:	GULF_GUT
Stack Name:	HRSO_STACK21
Periodically:	01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2021 00:00-31/5/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
08-May-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 10:00:00	20.712	0.000	0.478	0.627	28.916	15.017	1168857.788	124.222	0.045547	12.651922	0	0	0.000559	0.1551678	48.689	0.000	0.478		67.372	
08-May-22 11:00:00	11.393	0.533	1.896	2.052	122.810	15.098	1476934.692	156.913	0.031659	8.794031	0.002059047	0.571957455	0.002800	0.7777995	27.168	1.281	1.896		294.418	
08-May-22 12:00:00	10.474	0.528	2.126	2.270	138.457	15.149	1474533.936	155.316	0.029056	8.071135	0.002039637	0.566565905	0.003135	0.8708279	25.182	1.270	2.126		328.275	
08-May-22 13:00:00	10.961	0.796	2.158	2.304	107.779	15.055	1472201.172	154.012	0.030360	8.433341	0.003066707	0.851863122	0.003177	0.8825906	25.956	1.917	2.158		250.955	
08-May-22 14:00:00	10.716	0.822	2.282	2.432	161.580	15.216	1472954.102	154.407	0.029697	8.249228	0.003169409	0.880391374	0.003361	0.9337196	26.067	1.999	2.282		390.014	
08-May-22 15:00:00	11.494	0.821	2.555	2.698	120.785	15.065	1415864.990	155.058	0.030618	8.505102	0.003041089	0.844746864	0.003617	1.0047353	27.238	1.955	2.555		286.100	
08-May-22 16:00:00	11.346	0.819	2.752	2.900	105.556	15.051	1447965.454	152.349	0.030910	8.586084	0.003105517	0.862643694	0.003985	1.1069899	26.811	1.972	2.752		249.124	
08-May-22 17:00:00	10.938	0.880	2.624	2.771	141.617	15.090	1464387.817	154.940	0.030134	8.370536	0.00337378	0.937161015	0.003843	1.0674769	26.042	2.099	2.624		336.834	
08-May-22 18:00:00	11.555	0.928	2.619	2.751	112.148	15.066	1435999.146	150.247	0.031219	8.671888	0.003489504	0.969306546	0.003761	1.0447465	27.640	2.199	2.619		261.120	
08-May-22 19:00:00	10.985	0.896	2.725	2.888	112.533	15.045	1465027.222	151.069	0.030278	8.410506	0.003435257	0.95423815	0.003992	1.1089373	25.952	2.115	2.725		266.141	
08-May-22 20:00:00	10.959	0.737	2.690	2.843	142.633	15.127	1443188.599	153.692	0.029757	8.265803	0.002785663	0.773795373	0.003882	1.0783364	26.255	1.768	2.690		338.884	
08-May-22 21:00:00	11.062	0.897	2.914	3.061	143.313	15.090	1429829.346	154.083	0.029758	8.266186	0.00358663	0.93296207	0.004166	1.1572672	26.334	2.137	2.914		340.979	
08-May-22 22:00:00	10.826	0.732	2.822	2.961	115.951	15.064	1465369.141	154.786	0.029846	8.290460	0.002808263	0.780073094	0.004135	1.1486660	25.664	1.749	2.822		273.949	
08-May-22 23:00:00	10.886	0.909	2.789	2.932	144.456	15.104	1477224.243	154.564	0.030254	8.403911	0.003515224	0.976451132	0.004120	1.1443889	25.965	2.178	2.789		342.608	
09-May-22 00:00:00	10.604	0.826	2.751	2.900	144.401	15.086	1465311.035	153.799	0.029233	8.120381	0.003169373	0.880381347	0.004030	1.1195584	25.220	1.964	2.751		343.321	
09-May-22 01:00:00	11.310	0.844	2.881	3.026	139.160	15.090	1453022.095	153.974	0.030918	8.588196	0.003210714	0.891865091	0.004186	1.1627523	26.926	2.005	2.881		332.650	
09-May-22 02:00:00	10.928	0.841	3.006	3.159	125.426	15.074	1468981.567	151.704	0.030202	8.389361	0.003233205	0.898112503	0.004416	1.2652429	25.934	2.008	3.006		300.295	
09-May-22 03:00:00	11.152	0.910	3.043	3.193	155.100	15.114	1487381.836	155.258	0.031207	8.668619	0.003544711	0.984642028	0.004526	1.2571616	26.664	2.172	3.043		375.938	
09-May-22 04:00:00	11.280	0.836	2.913	3.061	122.693	15.046	1468719.360	153.057	0.031169	8.657991	0.003212839	0.892455201	0.004278	1.1883300	26.653	1.976	2.913		291.387	
09-May-22 05:00:00	11.791	0.881	3.141	3.284	104.125	15.087	1503948.975	158.065	0.033363	9.267587	0.003468354	0.963431546	0.004723	1.3120084	28.052	2.100	3.141		247.339	
09-May-22 06:00:00	11.573	1.064	2.814	2.971	138.427	15.073	1418343.872	152.835	0.030882	8.578379	0.003949174	1.096992652	0.003991	1.1085618	27.472	2.515	2.814		328.339	
09-May-22 07:00:00	10.558	0.718	2.948	3.091	136.120	15.102	1454297.729	154.940	0.028889	8.024607	0.002731807	0.758835299	0.004288	1.1910691	25.180	1.675	2.948		324.324	
09-May-22 08:00:00	10.964	0.875	3.092	3.250	175.339	15.162	1472027.222	154.348	0.030365	8.434852	0.003372824	0.936895449	0.004551	1.2641760	26.435	2.107	3.092		422.587	
09-May-22 09:00:00	13.469	0.789	2.946	3.097	49.258	15.036	1689172.729	191.323	0.042804	11.889874	0.003488894	0.969162293	0.004976	1.3821326	31.989	1.862	2.946		116.272	
09-May-22 10:00:00	12.965	0.932	2.938	3.087	58.211	15.049	1697053.589	192.966	0.041396	11.499014	0.00413816	1.149488787	0.004986	1.3849950	30.671	2.194	2.938		138.706	
09-May-22 11:00:00	11.835	0.771	2.620	2.771	71.260	15.110	1654368.530	187.720	0.036837	10.232383	0.003339957	0.927765752	0.004335	1.2042254	28.163	1.843	2.620		172.458	
09-May-22 12:00:00	14.070	0.976	2.586	2.736	47.039	15.042	1686554.565	191.825	0.044644	12.401089	0.004307678	1.196577235	0.004361	1.2114338	33.226	2.312	2.586		112.368	
09-May-22 13:00:00	13.103	0.959	2.316	2.470	50.188	15.118	1647749.023	187.655	0.040621	11.283600	0.004137669	1.149353238	0.003817	1.0601909	31.336	2.287	2.316		120.707	
09-May-22 14:00:00	13.246	0.805	2.455	2.613	36.497	15.058	1648369.019	191.728	0.041078	11.410577	0.003473075	0.964742924	0.004047	1.1242365	31.356	1.941	2.455		86.968	
09-May-22 15:00:00	13.613	0.794	2.418	2.572	36.528	15.012	1702636.475	193.720	0.043606	12.112766	0.003535685	0.982458445	0.004116	1.1434146	31.978	1.856	2.418		85.898	
09-May-22 16:00:00	11.954	0.826	2.412	2.568	60.567	15.109	1662073.242	189.119	0.037379	10.380306	0.00359316	0.998099985	0.004010	1.1137808	28.542	1.954	2.412		144.449	
09-May-22 17:00:00	11.266	0.653																		

Site Name: GULF_GUT
Stack Name: HRSG_STACK21
Periodically: 01/5/2021 00:00-31/5/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSg11_NOx@7%O2	HRSg11_SOx@7%O2	HRSg11_Dust (7%O2)	HRSg11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
15-May-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-May-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-May-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-May-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-May-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-May-22 09:00:00	20.612	0.197	0.283	0.434	2.773	14.235	1540797.241	211.306	0.059752	16.597763	0.0007953	0.220916743	0.000437	0.1212797	42.819	0.408	0.283	5.690		
16-May-22 10:00:00	19.730	0.360	0.384	0.527	0.000	14.059	1844037.231	270.615	0.068450	19.014022	0.00173561	0.48211394	0.000708	0.1966848	40.136	0.723	0.384	0.000		
16-May-22 11:00:00	17.896	0.408	0.630	0.770	6.151	14.427	1549851.563	204.739	0.052182	14.494976	0.001657194	0.460331558	0.000976	0.2711929	38.281	0.874	0.630	13.206		
16-May-22 12:00:00	16.264	0.232	0.660	0.809	12.509	14.635	1313956.421	152.139	0.040205	11.168137	0.000799439	0.222066302	0.000867	0.2409395	35.932	0.445	0.660	27.620		
16-May-22 13:00:00	16.373	0.448	1.047	1.180	13.977	14.582	1297215.454	155.754	0.039960	11.099963	0.00152272	0.422977763	0.001358	0.3772856	35.872	0.988	1.047	30.905		
16-May-22 14:00:00	16.151	0.628	0.943	1.056	17.080	14.616	1329168.579	162.288	0.040387	11.218705	0.00218579	0.607163958	0.001253	0.3480813	35.568	1.393	0.943	37.390		
16-May-22 15:00:00	16.725	0.402	0.797	0.926	16.991	14.667	1324743.774	147.179	0.041686	11.579382	0.001394662	0.387406165	0.001056	0.2932672	37.136	0.873	0.797	36.916		
16-May-22 16:00:00	16.237	0.641	0.699	0.837	15.564	14.641	1288885.742	151.657	0.039373	10.937073	0.002163592	0.600997785	0.000901	0.2502554	35.895	1.414	0.699	34.525		
16-May-22 17:00:00	16.104	0.606	0.789	0.930	19.444	14.697	1273804.565	149.296	0.038594	10.720650	0.002021638	0.561566217	0.001005	0.2792718	35.929	1.356	0.789	42.956		
16-May-22 18:00:00	16.682	0.665	1.072	1.216	17.106	14.538	1307821.289	154.133	0.041048	11.402084	0.002277288	0.632579916	0.001402	0.3893185	36.290	1.447	1.072	37.031		
16-May-22 19:00:00	15.602	0.512	1.095	1.245	9.586	14.502	1268492.798	152.410	0.037325	10.342939	0.001698816	0.471893266	0.001389	0.3858647	33.746	1.110	1.095	20.917		
16-May-22 20:00:00	17.142	0.614	0.921	1.084	13.765	14.582	1288879.028	152.948	0.041568	11.546739	0.002069869	0.574963548	0.001188	0.3298812	37.590	1.384	0.921	30.133		
16-May-22 21:00:00	16.135	0.651	0.904	1.046	24.776	14.725	1308802.002	151.466	0.039731	11.036501	0.002230175	0.619493145	0.001183	0.3287468	36.211	1.461	0.904	55.530		
16-May-22 22:00:00	16.986	0.536	1.073	1.211	15.151	14.638	1296874.512	152.999	0.041446	11.512689	0.001818875	0.505242962	0.001391	0.3864209	37.541	1.178	1.073	33.493		
16-May-22 23:00:00	16.244	0.566	1.068	1.218	12.350	14.629	1314579.590	151.223	0.040176	11.159927	0.001948983	0.541384089	0.001404	0.3899969	35					

Site Name:	GULF_GUT
Stack Name:	HRSO_STACK21
Periodically:	01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/5/2021 00:00-31/5/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO @7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
08-May-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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08-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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08-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
08-May-22 11:00:00	13.133	0.251	2.127	2.154	157.132	14.619	1534511.475	155.688	0.037917	10.532373	0.001007174	0.279770692	0.003265	0.9068527	28.933	0.560	2.127	345.881		
08-May-22 12:00:00	11.806	0.373	2.409	2.424	211.791	14.711	1458793.457	157.518	0.032403	9.000862	0.001422481	0.395133722	0.003515	0.9762709	26.396	0.828	2.409	473.763		
08-May-22 13:00:00	13.034	0.608	2.321	2.385	149.909	14.614	1456264.893	150.771	0.035711	9.919599	0.002315737	0.643260402	0.003380	0.9387641	28.695	1.300	2.321	352.350		
08-May-22 14:00:00	12.503	0.602	2.457	2.487	203.385	14.740	1554675.293	152.731	0.036570	10.158430	0.002448088	0.680024449	0.003820	1.0610766	28.085	1.350	2.457	456.939		
08-May-22 15:00:00	12.316	0.539	2.720	2.752	184.011	14.581	1458138.062	157.357	0.033788	9.385450	0.002056832	0.571342232	0.003967	1.1018291	26.974	1.180	2.720	403.047		
08-May-22 16:00:00	12.453	0.586	2.727	2.742	163.671	14.627	1460006.592	153.171	0.034205	9.501501	0.002238045	0.621679099	0.003982	1.1060256	27.472	1.293	2.727	361.226		
08-May-22 17:00:00	12.166	0.614	2.891	2.908	217.835	14.660	1452513.916	156.018	0.033246	9.235038	0.002335135	0.648648562	0.004199	1.1663966	26.983	1.362	2.891	480.667		
08-May-22 18:00:00	12.613	0.592	2.922	2.947	177.284	14.637	1367645.020	150.951	0.032455	9.015296	0.002117643	0.588234034	0.003996	1.1101216	27.855	1.377	2.922	383.103		
08-May-22 19:00:00	12.510	0.629	3.082	3.096	172.257	14.613	1455487.427	152.113	0.034258	9.516109	0.002396082	0.665578298	0.004486	1.2461465	27.556	1.388	3.082	379.195		
08-May-22 20:00:00	11.891	0.671	2.863	2.887	211.148	14.684	1483700.684	152.092	0.033193	9.220390	0.002607033	0.724175794	0.004247	1.1797568	26.472	1.494	2.863	470.003		
08-May-22 21:00:00	12.137	0.657	3.048	3.084	223.487	14.660	1359527.344	153.356	0.031045	8.623489	0.002337865	0.649406963	0.004143	1.1509449	26.929	1.454	3.048	495.476		
08-May-22 22:00:00	12.624	0.636	3.331	3.359	165.211	14.616	1416409.668	158.994	0.033641	9.344675	0.002357366	0.654823878	0.004718	1.3106129	27.813	1.400	3.331	363.854		
08-May-22 23:00:00	11.902	0.674	3.056	3.089	234.450	14.695	1391026.123	152.741	0.031148	8.652148	0.002453256	0.681460087	0.004251	1.1808490	26.556	1.496	3.056	522.844		
09-May-22 00:00:00	12.509	0.682	3.040	3.070	170.168	14.615	1441278.809	153.289	0.033920	9.422194	0.002574671	0.715186371	0.004381	1.1268904	27.543	1.509	3.040	374.700		
09-May-22 01:00:00	12.625	0.584	3.161	3.180	177.656	14.608	1376834.351	158.068	0.032703	9.084138	0.002103243	0.584234131	0.004352	1.2087809	27.767	1.294	3.161	390.863		
09-May-22 02:00:00	12.245	0.566	3.334	3.347	191.125	14.652	1399716.309	152.073	0.032247	8.957460	0.002075039	0.576399588	0.004666	1.2962184	27.122	1.249	3.334	423.589		
09-May-22 03:00:00	11.744	0.592	3.027	3.063	218.743	14.638	1375968.384	150.666	0.030401	8.444761	0.00213045	0.59179173	0.004165	1.1570534	25.953	1.291	3.027	483.294		
09-May-22 04:00:00	12.117	0.620	3.203	3.222	192.089	14.625	1438364.990	153.167	0.032791	9.108609	0.002336067	0.6489076	0.004607	1.2795894	26.728	1.365	3.203	423.754		
09-May-22 05:00:00	13.310	0.626	3.049	3.061	137.430	14.534	1467176.025	161.899	0.036740	10.205554	0.002404182	0.667828384	0.004473	1.2426027	28.937	1.363	3.049	298.867		
09-May-22 06:00:00	12.296	0.685	2.915	2.937	212.426	14.660	1446645.142	153.323	0.033467	9.296470	0.002595061	0.720850184	0.004217	1.1714308	27.278	1.520	2.915	471.191		
09-May-22 07:00:00	12.478	0.651	3.111	3.150	180.399	14.617	1414768.555	152.634	0.033212	9.225637	0.002410044	0.669456614	0.004401	1.2224907	27.488	1.449	3.111	397.349		
09-May-22 08:00:00	12.176	0.641	3.281	3.292	219.770	14.631	1439688.477	153.195	0.032981	9.161474	0.002038454	0.566237294	0.004724	1.3120980	26.911	1.192	3.281	485.595		
09-May-22 09:00:00	15.691	0.613	3.829	3.842	59.021	14.478	1584538.330	192.875	0.046776	12.993255	0.002544151	0.706708488	0.006068	1.6855504	33.822	1.306	3.829	127.058		
09-May-22 10:00:00	14.682	0.725	3.448	3.452	107.389	14.577	1691737.183	191.445	0.046729	12.980266	0.002309985	0.891662427	0.005833	1.6201590	32.126	1.550	3.448	228.606		
09-May-22 11:00:00	15.878	0.582	3.142	3.162	49.992	14.463	1636437.988	197.325	0.048884	13.578796	0.002491372	0.692047668	0.005141	1.4281568	34.144	1.253	3.142	107.522		
09-May-22 12:00:00	15.610	0.648	3.312	3.342	54.390	14.500	1687147.949	191.392	0.049550	13.763942	0.002860154	0.794487291	0.005587	1.5519604	33.759	1.392	3.312	117.453		
09-May-22 13:00:00	17.528	0.588	2.954	2.970	29.901	14.428	1684907.104	193.152	0.055655	15.434655	0.002592323	0.720089775	0.004977	1.3826131	37.489	1.260	2.954	63.844		
09-May-22 14:00:00	17.277	0.638	2.863	2.882	30.176	14.410	1744787.109	195.131	0.056715	15.754176	0.00291308	0.809188802	0.004994	1.3873559	36.856	1.365	2.863	64.217		
09-May-22 15:00:00	16.324	0.642	2.885	2.910	45.903	14.498	1662963.745	193.021	0.051073	14.186808	0.00279668	0.776855435	0.004798	1.3327495	35.292	1.371	2.885	99.288		
09-May-22 16:00:00	15.846	0.637	2.783	2.837	44.100	14.496	1713467.041	189.234	0.051083	14.189818	0.002856853	0.793570377	0.004768	1.3245478	34.258	1.385	2.783	95.274		
09-May-22 17:00:00	14.704	0.556	3.297	3.324	100.152	14.595														

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/5/2021 00:00-31/5/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT22_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
15-May-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-May-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
15-May-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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15-May-22 23:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
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16-May-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	
16-May-22 09:00:00	21.162	0.023	0.602	0.618	5.887	13.789	1503365.967	209.315	0.059856	16.626768	9.24645E-05	0.025684585	0.000905	0.2513595	41.225	0.103	0.602		11.211	
16-May-22 10:00:00	19.087	0.099	0.675	0.687	0.367	13.359	1683533.936	265.325	0.060455	16.792953	0.000437951	0.121652949	0.001137	0.3157812	35.066	0.182	0.675		0.683	
16-May-22 11:00:00	18.681	0.143	0.969	0.996	10.897	13.991	1516486.328	206.415	0.053298	14.804895	0.000566851	0.157458709	0.001470	0.4083105	37.444	0.286	0.969		21.696	
16-May-22 12:00:00	16.411	0.178	1.253	1.295	47.569	14.204	1298344.727	152.849	0.040087	11.135327	0.00060578	0.168272222	0.001627	0.4519228	33.977	0.383	1.253		98.394	
16-May-22 13:00:00	16.845	0.241	1.510	1.531	40.612	14.164	1231996.338	153.965	0.039043	10.845363	0.000777869	0.216074769	0.001861	0.5169187	34.620	0.495	1.510		84.442	
16-May-22 14:00:00	16.171	0.202	1.502	1.530	44.851	14.187	1298269.043	159.593	0.039498	10.971755	0.000687077	0.190854637	0.001950	0.5416959	33.375	0.420	1.502		92.350	
16-May-22 15:00:00	17.281	0.241	1.467	1.517	36.367	14.184	1279950.195	149.916	0.041615	11.559769	0.0008078	0.224388997	0.001877	0.5214175	35.634	0.496	1.467		75.091	
16-May-22 16:00:00	16.993	0.262	1.283	1.318	35.126	14.191	1293708.740	152.194	0.041361	11.489175	0.000887301	0.246472384	0.001660	0.4611919	35.070	0.540	1.283		72.600	
16-May-22 17:00:00	16.066	0.304	1.524	1.559	60.899	14.290	1220563.721	151.380	0.036892	10.247891	0.000972601	0.270166963	0.001860	0.5166571	33.653	0.638	1.524		127.517	
16-May-22 18:00:00	16.762	0.189	1.715	1.762	40.808	14.114	1256672.974	155.691	0.039630	11.008246	0.000620313	0.172309159	0.002155	0.5986306	34.207	0.385	1.715		84.322	
16-May-22 19:00:00	16.809	0.266	1.400	1.426	32.152	14.035	1193385.254	152.352	0.037740	10.483349	0.000831737	0.231038148	0.001671	0.4641292	33.905	0.494	1.400		64.561	
16-May-22 20:00:00	17.069	0.291	1.534	1.567	39.553	14.102	1197318.848	154.500	0.038450	10.680534	0.000912632	0.25350902	0.001836	0.5100672	34.747	0.586	1.534		81.823	
16-May-22 21:00:00	17.021	0.291	1.410	1.429	44.191	14.162	1223582.031	153.215	0.039183	10.884066	0.00093071	0.25853049	0.001725	0.4792522	34.975	0.581	1.410		92.747	
16-May-22 22:00:00	17.344	0.224	1.519	1.558	40.950	14.136	1225102.173	153.383	0.039977	11.104757	0.000719047	0.199735238	0.001861	0.5168395	35.508	0.459	1.519		83.798	
16-May-22 23:00:00	17.052	0.228	1.595	1.607	47.719	14.155	1193447.021	152.296	0.038287	10.635171	0.000711482	0.19763388	0.001904	0.5288275						

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/5/2021 00:00-31/5/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2021 00:00-30/6/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK11
Periodically: 01/6/2021 00:00-30/6/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSG_STACK12
Periodically: 01/6/2021 00:00-30/6/2021 23:59

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK21
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOx	SOx	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm		
01-Jun-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 02:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 07:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 09:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 10:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 11:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 12:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 13:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 14:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 15:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 19:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 20:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 21:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 22:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 23:00:00	21.029	0.181	0.423	0.550	0.000	13.900	13899.837	267.203	0.000550	0.152758	6.59531E-06	0.00183203	0.000006	0.0016337	41.628	0.369	0.423	0.000		
02-Jun-22 00:00:00	16.543	0.251	0.875	1.022	16.638	14.649	14648.870	150.756	0.000456	0.126643	9.64307E-06	0.00267863	0.000013	0.0035614	36.625	0.557	0.875	37.760		
02-Jun-22 01:00:00	18.644	0.245	0.497	0.641	6.813	14.372	14372.407	139.925	0.000504	0.140038	9.21593E-06	0.00255998	0.000007	0.0019857	39.544	0.516	0.497	14.694		
02-Jun-22 02:00:00	17.472	0.373	0.688	0.832	20.540	14.745	14745.275	141.541	0.000485	0.134642	1.43926E-05	0.003997952	0.000010	0.0028193	39.267	0.841	0.688	45.695		
02-Jun-22 03:00:00	15.500	0.254	0.683	0.832	17.662	14.665	14665.328	159.342	0.000428	0.118793	9.73265E-06	0.002703514	0.000010	0.0027821	34.406	0.561	0.683	38.834		
02-Jun-22 04:00:00	19.766	0.331	0.673	0.822	3.710	14.343	14342.989	178.117	0.000533	0.148159	1.24103E-05	0.003447306	0.000010	0.0026829	41.717	0.703	0.673	7.887		
02-Jun-22 05:00:00	17.718	0.263	0.705	0.834	6.564	14.455	14455.050	219.740	0.000482	0.133847	9.95802E-06	0.002766116	0.000010	0.0028304	37.905	0.552	0.705	14.132		
02-Jun-22 06:00:00	19.030	0.459	0.435	0.586	0.031	14.003	14003.093	256.301	0.000501	0.139264	1.68344E-05	0.004676217	0.000006	0.0016920	38.349	0.903	0.435	0.016		
02-Jun-22 07:00:00	18.497	0.361	0.436	0.586	3.501	14.394	14393.948	142.037	0.000501	0.139143	1.36034E-05	0.003778727	0.000006	0.0017416	39.339	0.753	0.436	7.204		
02-Jun-22 08:00:00	16.804	0.494	0.551	0.702	9.172	14.492	14492.277	140.357	0.000458	0.127273	1.87219E-05	0.00520053	0.000008	0.0022198	36.300	1.071	0.551	19.749		
02-Jun-22 09:00:00	20.078	0.370	0.462	0.613	0.000	14.031	14031.223	255.942	0.000530	0.147227	1.36011E-05	0.003778096	0.000006	0.0018012	40.486	0.726	0.462	0.000		
02-Jun-22 10:00:00	20.514	0.482	0.442	0.589	0.000	14.030	14029.534	258.543	0.000541	0.150408	1.76938E-05	0.004914944	0.000006	0.0017217	41.336	0.982	0.442	0.000		
02-Jun-22 11:00:00	20.006	0.320	0.443	0.586	0.000	14.040	14040.165	255.472	0.000528	0.146791	1.1773E-05	0.003270284	0.000006	0.0017274	40.391	0.648	0.443	0.000		
02-Jun-22 12:00:00	21.784	0.401	0.448	0.585	0.789	14.379	14379.053	216.606	0.000589	0.163695	1.50774E-05	0.004188168	0.000006	0.0017893	46.065	0.844	0.448	1.829		
02-Jun-22 13:00:00	23.777	0.461	0.631	0.774	0.000	14.177	14177.066	254.845	0.000634	0.176169	1.71163E-05	0.004754527	0.000009	0.0024859	48.984	0.958	0.631	0.000		
02-Jun-22 14:00:00	20.341	0.408	0.555	0.701	0.000	13.987	13986.673	258.510	0.000535	0.148682	1.49353E-05	0.004148689	0.000008	0.0021575	40.763	0.814	0.555	0.000		
02-Jun-22 15:00:00	21.225	0.502	0.500	0.645	0.000	14.030	14030.038	257.062	0.000560	0.155626	1.84305E-05	0.005119588	0.000007	0.0019477	42.843	1.021	0.500	0.000		
02-Jun-22 16:00:00	22.780	0.460	0.460	0.611	0.036	14.154	14154.356	235.404	0.000607	0.168505	1.70291E-05	0.004730304	0.000007	0.0018103	46.759	0.939	0.460	0.063		
02-Jun-22 17:00:00	17.678	0.498	0.678	0.824	13.182	14.715	14715.285	145.130	0.000489	0.135948	1.91661E-05	0.005323908	0.000010	0.0027728	39.365	1.019	0.678	28.319		
02-Jun-22 18:00:00	17.799	0.532	0.490	0.643	6.932	14.472	14471.753	142.499	0.000485	0.134612	2.01624E-05	0.005600656	0.000007	0.0019682	38.309	1.149	0.490	15.287		
02-Jun-22 19:00:00	19.428	0.394	0.572	0.736	0.550	14.161	14161.459	233.397	0.000518	0.143786	1.46096E-05	0.004058209	0.000008	0.0022494	39.924	0.802	0.572	1.410		
02-Jun-22 20:00:00	19.589	0.567	0.465	0.609	0.000	14.051	14050.950	258.093	0.000518	0.143844	2.08664E-05	0.005796228	0.000007	0.0018157	39.622	1.149	0.465	0.000		
02-Jun-22 21:00:00	18.172	0.464	0.583	0.719	1.827	14.289	14288.973	219.370	0.000489	0.135697	1.73485E-05	0.00481902								

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

[illegible]

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

[illegible]

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

[illegible]

Site Name: GULF_GUT
Stack Name: HRSO_STACK22
Periodically: 01/6/2021 00:00:30/6/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading						Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @ 1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2		
									Ton	(g/s)	Ton	(g/s)	Ton	(g/s)						
01-Jun-22 01:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
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01-Jun-22 03:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 04:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 05:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 06:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
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01-Jun-22 08:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
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01-Jun-22 16:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 17:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 18:00:00	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down	Shut Down		
01-Jun-22 19:00:00	21.649	0.000	1.003	1.027	0.771	13.173	1780382.446	266.405	0.072517	20.143588	0	0	0.001786	0.4962295	38.834	0.000	1.003		1.411	
01-Jun-22 20:00:00	20.430	0.000	0.822	0.842	0.569	13.409	1830800.415	270.935	0.070369	19.547052	0	0	0.001505	0.4181091	37.804	0.003	0.822		1.295	
01-Jun-22 21:00:00	19.076	0.000	0.744	0.759	0.448	13.375	1746290.649	258.300	0.062674	17.409502	0	0	0.001300	0.3611159	35.099	0.000	0.744		0.841	
01-Jun-22 22:00:00	19.028	0.082	0.905	0.925	6.313	13.844	1634135.620	218.373	0.058501	16.250273	0.000351351	0.097597515	0.001479	0.4107704	37.351	0.161	0.905		12.505	
01-Jun-22 23:00:00	19.740	0.000	1.005	1.039	0.192	13.287	1786518.677	268.785	0.066348	18.430034	2.14104E-06	0.000594734	0.001795	0.4984985	35.932	0.000	1.005		0.305	
02-Jun-22 00:00:00	16.491	0.120	1.686	1.713	57.245	14.287	1345046.753	150.807	0.041732	11.592340	0.000421848	0.117180111	0.002268	0.6298859	34.529	0.251	1.686		119.868	
02-Jun-22 01:00:00	17.534	0.117	1.538	1.585	46.976	14.201	1204551.270	142.361	0.039737	11.038039	0.000369796	0.102721217	0.001853	0.5147273	36.209	0.241	1.538		97.098	
02-Jun-22 02:00:00	17.538	0.224	1.723	1.748	68.774	14.349	1212798.096	139.955	0.040017	11.115823	0.000711414	0.197614875	0.002090	0.5805893	37.065	0.481	1.723		148.685	
02-Jun-22 03:00:00	16.917	0.186	1.468	1.486	63.405	14.183	1258492.432	160.344	0.040055	11.126369	0.00061163	0.169897173	0.001848	0.5133465	34.877	0.383	1.468		130.732	
02-Jun-22 04:00:00	18.537	0.001	1.191	1.212	12.135	13.868	1406696.289	177.587	0.049058	13.627282	5.35887E-06	0.001488574	0.001676	0.4654261	36.530	0.000	1.191		24.115	
02-Jun-22 05:00:00	19.164	0.081	1.321	1.346	8.823	13.849	1582464.111	220.299	0.057055	15.848734	0.000337324	0.093701103	0.002090	0.5804670	37.650	0.169	1.321		17.305	
02-Jun-22 06:00:00	19.423	0.050	1.154	1.185	0.791	13.407	1720564.453	260.230	0.062872	17.464453	0.000225739	0.062705234	0.001986	0.5517112	35.924	0.092	1.154		1.432	
02-Jun-22 07:00:00	18.542	0.014	1.205	1.229	19.051	13.931	1140346.802	142.304	0.039782	11.050484	4.16386E-05	0.01156628	0.001374	0.3815679	36.860	0.029	1.205		37.860	
02-Jun-22 08:00:00	17.861	0.193	1.731	1.776	47.122	14.176	1164274.414	141.109	0.039123	10.867499	0.000588248	0.163402283	0.002015	0.5956997	36.781	0.397	1.731		97.041	
02-Jun-22 09:00:00	19.619	0.094	1.105	1.126	0.336	13.471	1762302.124	257.944	0.065047	18.068720	0.000431427	0.119840748	0.001947	0.5407122	36.591	0.178	1.105		0.364	
02-Jun-22 10:00:00	20.609	0.003	1.038	1.061	0.270	13.432	1750244.263	259.197	0.067862	18.850519	1.27103E-05	0.003530643	0.001816	0.5045323	38.245	0.007	1.038		0.687	
02-Jun-22 11:00:00	20.987	0.113	1.097	1.128	0.175	13.509	1749159.180	256.505	0.069066	19.185129	0.000517104	0.143639937	0.001919	0.5329924	39.347	0.212	1.097		0.245	
02-Jun-22 12:00:00	22.212	0.030	1.151	1.156	3.202	13.922	1641614.990	219.846	0.068602	19.056141	0.000128241	0.035622582	0.001890	0.5249399	44.096	0.008	1.151		6.536	
02-Jun-22 13:00:00	25.035	0.000	1.103	1.124	1.002	13.572	1740459.106	251.471	0.081975	22.770965	0	0	0.001919	0.5330514	47.336	0.000	1.103		1.747	
02-Jun-22 14:00:00	21.298	0.000	0.967	1.000	0.162	13.409	1807144.775	258.019	0.072412	20.114452	0	0	0.001748	0.4854970	39.391	0.000	0.967		0.123	
02-Jun-22 15:00:00	21.268	0.030	0.813	0.835	0.139	13.466	1779754.150	256.575	0.071214	19.781738	0.000141892	0.039414365	0.001447	0.4020595	39.621	0.054	0.813		0.330	
02-Jun-22 16:00:00	23.542	0.183	0.781	0.806	0.931	13.628	1721041.382	231.189	0.076226	21.174017	0.000823988	0.228885531	0.001345	0.3734807	44.858	0.348	0.781		1.810	
02-Jun-22 17:00:00	18.011	0.116	1.623	1.665	54.334	14.358	1281448.242	144.168	0.043422	12.061625	0.000389099	0.108083191	0.002080	0.5778296	38.116	0.246	1.623		115.137	
02-Jun-22 18:00:00	17.653	0.187	1.288	1.317	30.492	14.148	1200068.481	140.431	0.039858	11.071624	0.000588913	0.163586973	0.001546	0.4294936	36.202	0.394	1.288		62.134	
02-Jun-22 19:00:00	19.865	0.000	0.945	0.977	3.462	13.705	1674516.968	237.757	0.062582	17.383786	0	0	0.001582	0.4395060	38.245	0.000	0.945		6.817	
02-Jun-22 20:00:00	19.577	0.000	0.907	0.938	0.108	13.449	1741934.326	259.920	0.064158	17.821679	0	0	0							

Actual Operation Condition										Emission Loading						Emission Concentration for Standardization Comparison				Remark	
Date & Time	NOx	SOx	DUST	OPACITY	CO		O2		FLOW @1 ATM 25°C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)		HRSG11_CO@7%O2
					ppm	%	ppm	%			m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm		ppm
04-Jun-22 13:00:00	18.020	0.190	1.787	1.818	32.656	14.118	1269060.913	160.403	0.043025	11.951510	0.000632006	0.175557191	0.002268	0.6299934	36.786	0.386	1.787		66.513		
04-Jun-22 14:00:00	17.132	0.198	1.998	2.014	51.477	14.262	1327886.957	161.027	0.042801	11.889036	0.000333693	0.02692498	0.002653	0.7369494	35.721	0.189	1.998		107.414		
04-Jun-22 15:00:00	18.143	0.252	1.722	1.781	38.905	14.162	1322684.448	167.049	0.045150	12.541533	0.00087277	0.242436044	0.002277	0.6326308	37.287	0.518	1.722		79.170		
04-Jun-22 16:00:00	18.355	0.185	1.654	1.699	30.894	14.157	1310166.016	161.656	0.045243	12.567578	0.000540331	0.150092083	0.002167	0.6019884	37.699	0.322	1.654		63.325		
04-Jun-22 17:00:00	17.234	0.136	1.744	1.768	40.588	14.160	1326395.142	160.626	0.043007	11.946421	0.000472273	0.131186965	0.002313	0.6425458	35.416	0.276	1.744		83.298		
04-Jun-22 18:00:00	18.643	0.197	1.938	1.956	26.124	14.064	1258280.518	163.314	0.044135	12.259624	0.000649959	0.180544139	0.002439	0.6773760	37.766	0.398	1.938		52.989		
04-Jun-22 19:00:00	20.515	0.099	1.402	1.434	3.918	13.671	1646883.179	229.460	0.063564	17.656637	0.000428799	0.119110771	0.002308	0.6412185	39.316	0.195	1.402		7.606		
04-Jun-22 20:00:00	18.317	0.000	1.716	1.748	28.233	14.080	1300524.658	157.777	0.044819	12.449747	0	0	0.002231	0.6198583	37.187	0.000	1.716		57.319		
04-Jun-22 21:00:00	17.068	0.049	1.751	1.772	32.226	14.119	1467390.747	182.073	0.047121	13.089149	0.000187362	0.052045022	0.002569	0.7135656	34.849	0.098	1.751		65.918		
04-Jun-22 22:00:00	20.522	0.001	1.660	1.693	7.993	13.815	1290569.458	163.121	0.049829	13.841461	0.2612E-06	0.001183666	0.002142	0.5951018	40.146	0.004	1.660		15.559		
04-Jun-22 23:00:00	18.308	0.083	1.660	1.694	26.197	14.037	131292.603	157.488	0.042410	11.780601	0.000266615	0.074059856	0.002044	0.5677321	36.944	0.167	1.660		52.964		
05-Jun-22 00:00:00	16.007	0.254	1.898	1.927	58.334	14.172	1253078.247	160.267	0.037737	10.482540	0.000833495	0.231526394	0.002379	0.6607394	32.937	0.520	1.898		120.265		
05-Jun-22 01:00:00	18.772	0.140	1.428	1.449	26.160	14.018	1392563.965	178.664	0.049182	13.661539	0.000509943	0.141650784	0.001388	0.5522098	37.783	0.274	1.428		52.348		
05-Jun-22 02:00:00	20.123	0.000	1.508	1.534	6.379	13.852	1610595.215	228.333	0.060975	16.937375	0	0	0.002428	0.6744769	39.548	0.000	1.508		12.851		
05-Jun-22 03:00:00	20.405	0.000	1.511	1.533	4.908	13.769	1569216.064	221.357	0.060241	16.733711	0	0	0.002371	0.6587218	39.632	0.000	1.511		9.505		
05-Jun-22 04:00:00	17.681	0.103	1.754	1.774	31.532	14.062	1266175.781														

Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2021 00:00-30/6/2021 23:59

Date & Time	Actual Operation Condition									Emission Loading					Emission Concentration for Standardization Comparison				Remark
	NOX	SOX	DUST	OPACITY	CO	O2	FLOW @1 ATM 25C	GUT21_LOAD	NOx		SOx		Dust		HRSG11_NOx@7%O2	HRSG11_SOx@7%O2	HRSG11_Dust (7%O2)	HRSG11_CO@7%O2	
	ppm	ppm	mg/m3	%	ppm	%	m3/hr	MW	Ton	(g/s)	Ton	(g/s)	Ton	(g/s)	ppm	ppm	mg/m3	ppm	
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08-Jun-22 18:00:00	20.371	0.042	1.038	1.078	0.979	13.316	1826592.651	267.809	0.070007	19.446406	0.00020019	0.0556008414	0.001895	0.5264409	37.231	0.076	1.038	1.714	
08-Jun-22 19:00:00	19.857	0.001	0.755	0.789	0.553	13.365	1757750.610	261.596	0.065668	18.241215	3.68321E-06	0.001023114	0.001327	0.3685049	36.521	0.000	0.755	0.765	
08-Jun-22 20:00:00	19.769	0.011	0.876	0.901	0.487	13.398	1785703.247	271.053	0.066417	18.449304	5.011E-05	0.013919446	0.001564	0.4343801	36.618	0.020	0.876	0.930	
08-Jun-22 21:00:00	19.317	0.000	0.896	0.937	0.421	13.443	1867555.054	271.053	0.067874	18.853880	0	0	0.001672	0.4645706	35.895	0.000	0.896	0.785	
08-Jun-22 22:00:00	17.207	0.005	1.343	1.369	16.952	14.008	1290796.753	163.212	0.041788	11.607783	1.75438E-05	0.004873267	0.001733	0.4814366	34.579	0.002	1.343	33.840	
08-Jun-22 23:00:00	19.577	0.000	1.074	1.111	0.787	13.412	1749520.142	266.224	0.064437	17.899249	0	0.004873267	0.001879	0.5218940	36.234	0.000	1.074	1.338	
08-Jun-22 00:00:00	17.219	0.065	0.890	0.926	0.766	13.398	1798922.485	260.007	0.058276	16.187831	0.000304837	0.001602	0.001602	0.4448672	31.812	0.117	0.890	1.558	
09-Jun-22 01:00:00	17.172	0.000	0.851	0.879	0.890	13.448	1725821.777	260.359	0.055756	15.487752	0	0	0.001469	0.4079614	31.828	0.000	0.851	1.458	
09-Jun-22 02:00:00	17.840	0.043	1.027	1.042	15.745	13.944	1373029.541	173.635	0.046084	12.801159	0.000154044	0.042790079	0.001411	0.3918481	35.512	0.088	1.027	31.185	
09-Jun-22 03:00:00	18.821	0.032	1.076	1.094	5.709	13.755	1472471.924	187.179	0.052139	14.482979	0.000121925	0.033686156	0.001585	0.4401577	36.497	0.000	1.076	10.789	
09-Jun-22 04:00:00	15.570	0.082	1.464	1.478	36.543	14.099	1210359.741	161.956	0.035456	9.849024	0.000292444	0.081234341	0.001772	0.4922696	31.705	0.188	1.464	74.359	
09-Jun-22 05:00:00	16.436	0.000	1.311	1.343	28.544	14.058	1329385.376	162.729	0.041108	11.18870	6.51588E-08	1.80997E-05	0.001742	0.4839781	33.262	0.000	1.311	57.784	
09-Jun-22 06:00:00	15.577	0.000	0.972	1.000	1.046	13.546	1686038.940	242.002	0.049413	13.725757	1.30707E-07	3.63074E-05	0.001638	0.45550738	29.351	0.000	0.972	2.087	
09-Jun-22 07:00:00	15.256	0.064	1.310	1.343	32.262	14.101	1220826.660	168.798	0.035042	9.733758	0.000204871	0.056908581	0.001599	0.4442745	31.075	0.134	1.310	66.011	
09-Jun-22 08:00:00	16.259	0.042	1.537	1.569	24.313	14.048	1238368.108	162.682	0.037882	10.522842	0.0001368	0.037999994	0.001904	0.5287587	32.863	0.087	1.537	48.914	
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Site Name: GULF_GUT
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Periodically: 01/6/2021 00:00-30/6/2021 23:59

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Site Name: GULF_GUT
Stack Name: HRSG_STACK22
Periodically: 01/6/2021 00:00-30/6/2021 23:59