

October, 21 2019

ARCL/ENV/MoEF & CC/2019

To

Regional Officer
Ministry of Environment, Forests & Climate Change
Regional Office, (West Central Zone)
Ground Floor, East Wing,
New Secretarial Building, Civil Line,
Nagpur - 440001

Sub: Submission of Six Monthly Environmental Monitoring Reports for Coke Oven Plant & Pellet Plant of M/s. Amba River Coke Ltd. at Geetapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra for the Period of April, 2019 to September 2019.

Ref: i) MoEF Letter - F No J-11011/286/2007-IA-II(I) dated 12/01/2009.

Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April, 2019 to September 2019 for 1.0 MTPA Coke Oven Plant & 4.0 MTPA Pellet Plant of M/s. Amba River Coke Ltd. at Geetapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra.

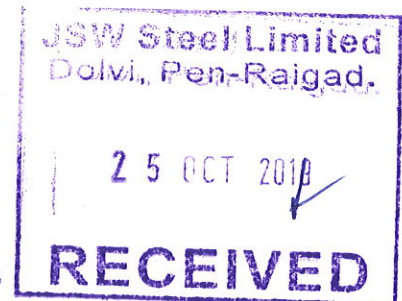
This is for your information & record please.

Thanking you,

Yours faithfully,
For Amba River Coke Limited



Mallineni Sukumar
General Manager (Coke Oven)



- CC: 1) The Director, MoEF&CC, Indira Paryavaran Bhawan, Jor Bagh, Lodi Road, New Delhi-110003 for kind information.
2) The Zonal officer, CPCB, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023, Gujarat.
3) The Regional Officer, MPCB, Raigad, Raigad Bhavan, CBD Belapur, Navi Mumbai

Regd. Office: JSW Centre,
Bandra Kurla Complex,
Bandra(E), Mumbai - 400 051.

Phone : +91 22 4286 1000

Fax : +91 22 4286 3000

AMBA RIVER COKE LIMITED
Integrated Steel Mill Complex
 Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³					
									Particulate Matter (PM)	SO ₂	NOx	CO		
I Coke Oven Plant											Plant Capacity: 1.0 MTPA			
1	Coke Oven Battery A & B	Coke Oven Battery A & B	145	4.50	Natural Draft	11/04/2019 16:21Hrs	2889.00	17.56	2.26	244.20	1.30	NA	NA	
						10/05/2019 15:38Hrs	2872.0	17.5	2.18	0.45	10.29	8.3	NA	
						13/06/2019 15:15Hrs	2852.0	16.1	5.52	182.32	56.72	35.1	NA	
						24/07/2019 14:30Hrs	2597.0	14.5	23.70	183.41	175.31	NA	NA	
						20/08/2019 16:00Hrs	2847.0	14.8	19.56	260.83	77.78	NA	NA	
						03/09/2019 10:30Hrs	2895.0	16.7	19.96	142.32	17.01	NA	NA	
						12/04/2019 09:56Hrs	2884.00	13.44	5.26	NA	NA	NA	NA	
						10/05/2019 10:05Hrs	2872.0	14.1	10.11	NA	NA	NA	NA	
						22/06/2019 12:15Hrs	2803.0	12.9	10.42	NA	NA	NA	NA	
						19/07/2019 09:30Hrs	2620.0	14.7	10.56	10.16	23.64	NA	NA	
						10/08/2019 09:35Hrs	2825.0	13.1	9.24	12.32	32.21	NA	NA	
						23/09/2019 09:29Hrs	2825.0	13.6	12.18	NA	NA	NA	NA	
						12/04/2019 11:42Hrs	585.00	15.28	29.01	35.23	12.21	NA	NA	
						29/05/2019 11:20Hrs	389.0	15.2	13.18	12.32	10.23	NA	NA	
						22/06/2019 14:42Hrs	21.0	15.3	25.69	5.60	10.20	NA	NA	
						19/07/2019 11:20Hrs	23.0	13.2	22.44	NA	NA	NA	NA	
						08/08/2019 11:42Hrs	485.0	14.1	25.29	32.00	41.40	NA	NA	
						23/09/2019 12:24Hrs	16.0	14.3	22.98	16.00	46.00	NA	NA	
								CPCB Norms						
								< 50						
								<800						
								< 500						
								< 500						
II Pellet Plant											Plant Capacity: 4.0 MTPA			
1	Dedusting 1 & 2	Mixer Unit	30.5	1.15	Bag Filters	13/04/2019 12:25Hrs	12062.0	14.3	29.36	NA	NA	NA	NA	
						11/05/2019 11:00Hrs	10002.0	6.6	14.89	NA	NA	NA	NA	
						20/06/2019 10:35Hrs	10565.0	13.2	25.28	NA	NA	NA	NA	
						03/07/2019 14:51Hrs	5518.0	13.6	22.98	NA	NA	NA	NA	
						19/08/2019 12:25Hrs	10620.0	12.2	19.52	NA	NA	NA	NA	
						25/09/2019 10:02Hrs	9045.0	14.2	28.56	NA	NA	NA	NA	
						13/04/2019 15:44Hrs	12062.0	12.0	32.49	NA	NA	NA	NA	
						11/05/2019 15:00Hrs	10002.0	10.7	9.45	NA	NA	NA	NA	
						22/06/2019 12:38Hrs	11575.0	12.2	31.58	NA	NA	NA	NA	
						03/07/2019 10:45Hrs	5518.0	12.7	26.77	NA	NA	NA	NA	
						19/08/2019 16:11Hrs	10620.0	13.6	24.77	NA	NA	NA	NA	
						25/09/2019 12:08Hrs	9045.0	11.5	32.11	NA	NA	NA	NA	

Prepared By
 P.P. Nandusekar
 Asst. Manager (Environment)

Checked By
 V M Waghchaure
 GM (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
3	Main ESP	Induration Furnace	100	6.25	ESP	13/04/2019 16:00Hrs	12062.0	20.1	3.47	12.35	11.11	NA
						14/05/2019 10:32Hrs	11080.0	17.2	6.57	32.21	42.87	NA
						07/06/2019 10:33Hrs	11686.0	6.9	6.31	35.16	38.15	NA
						08/07/2019 09:43Hrs	10508.0	7.0	5.70	6.41	15.68	NA
						08/08/2019 11:42Hrs	10629.0	7.3	8.81	11.86	17.11	NA
						11/09/2019 10:31Hrs	8366.0	7.4	10.92	8.87	31.97	NA
4	Dedusting 4	Hearth Layer	30.5	1.35	Bag Filters	13/04/2019 11:24Hrs	12062.0	13.7	38.56	NA	NA	NA
						14/05/2019 12:18Hrs	11080.0	13.3	39.26	NA	NA	NA
						21/06/2019 11:17Hrs	6975.0	12.7	38.59	NA	NA	NA
						08/07/2019 16:22Hrs	10508.0	11.4	30.32	NA	NA	NA
						20/08/2019 10:10Hrs	10684.0	13.8	29.88	NA	NA	NA
						26/09/2019 14:18Hrs	8659.0	13.8	29.88	NA	NA	NA
5	Dedusting 5	Final Product Silo	30.5	2.00	Bag Filters	13/04/2019 15:49Hrs	12062.0	14.2	45.23	NA	NA	NA
						14/05/2019 15:41Hrs	11080.0	14.2	45.13	NA	NA	NA
						21/06/2019 14:35Hrs	6975.0	13.3	42.69	NA	NA	NA
						08/07/2019 11:05Hrs	10508.0	13.8	35.11	NA	NA	NA
						20/08/2019 12:07Hrs	10684.0	12.6	34.52	NA	NA	NA
						26/09/2019 16:08Hrs	8659.0	13.8	38.17	NA	NA	NA
CPCB Norms							< 150	< 100	< 500	< 1		

P.P. Nandusekar

Prepared By
P.P. Nandusekar
Asst. Manager (Environment)

P. B. Bag

Checked By
V.M. Waghchaure
GM (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple			Near Coke Oven Plant			Near MSEB Substation				Near Goa Gate				Near Dolvi Village					
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX
01-04-2019	18.35	71.28	10.54	25.00	9.34	25.36	11.29	5.95	22.98	43.83	13.69	11.91	24.70	39.34	11.99					
02-04-2019	17.83	66.76	8.65	25.41	12.04	28.50	11.32	15.02	23.24	46.52	13.38	12.48	30.52	40.54	11.66					
03-04-2019	19.79	77.30	7.83	25.02	11.13	30.00	11.00	10.44	28.94	44.98	13.60	11.78	26.78	35.72	11.84					
04-04-2019	10.97	40.86	7.66	24.08	17.24	20.82	10.82	15.96	22.50	44.88	13.50	16.45	32.49	59.88	11.89					Under
05-04-2019	19.00	55.83	8.82	21.49	9.62	18.58	10.91	21.80	24.94	53.87	13.60	16.59	28.74	36.01	12.05					Mainte
06-04-2019	20.11	70.26	9.93	20.98	10.05	32.52	11.02	34.14	24.34	43.26	13.64	23.21	31.20	35.21	11.99					nance
07-04-2019	16.47	60.70	9.62	22.52	22.65	53.87	12.12	42.91	23.16	43.44	13.70	22.61	22.51	33.82	11.69					
08-04-2019	12.42	38.42	7.80	25.63	16.47	48.54	10.84	32.16	20.94	37.05	13.81	21.98	27.65	30.10	11.98					
09-04-2019	18.56	71.35	9.68	22.74	10.24	23.99	10.23	23.46	26.11	50.91	13.78	21.46	21.24	30.67	11.84					
10-04-2019	15.09	52.13	8.03	23.84	12.96	36.39	10.58	33.97	25.80	57.67	13.60	28.45	22.73	37.90	11.51					11.51
11-04-2019	13.87	49.84	7.77	24.42	11.87	31.30	10.62	23.80	21.59	47.03	13.09	25.35	22.86	38.18	11.61					8.81
12-04-2019	14.20	46.68	8.93	21.88	11.61	31.75	10.27	21.88	24.78	60.10	12.92	25.88	27.09	47.37	11.58					8.83
13-04-2019	19.53	54.64	8.05	22.08	16.94	48.58	10.21	31.38	34.49	71.90	13.94	46.33	21.92	56.45	11.57					8.82
14-04-2019	16.77	44.99	7.84	24.79	18.50	42.85	10.57	32.43	29.70	70.88	13.83	33.45	18.71	40.37	11.67					8.82
15-04-2019	12.56	38.82	8.03	26.78	28.21	51.90	11.77	43.29	27.16	89.20	13.53	34.86	14.95	52.68	11.77					8.83
16-04-2019	11.02	33.80	8.22	23.03	Power supply problem				22.54	79.00	13.60	30.79	29.03	74.51	11.61					8.82
17-04-2019	9.91	41.04	7.72	23.28	26.48	49.05	13.13	23.48	12.76	42.27	13.34	21.59	24.27	35.23	11.09					8.83
18-04-2019	16.63	55.93	7.58	24.47	25.35	49.83	11.07	26.70	22.79	59.05	13.50	37.64	22.78	50.94	11.46					8.82
19-04-2019	15.71	40.39	7.50	22.22	14.48	40.67	10.96	23.12	28.79	74.91	13.30	51.02	22.59	61.11	11.74					8.82
20-04-2019	20.54	63.69	7.56	24.06	15.18	31.25	11.04	14.42	28.88	84.62	13.25	45.14	16.89	46.81	11.75					8.82
21-04-2019	13.88	47.94	8.50	26.25	16.40	31.89	10.64	13.73	25.85	41.97	13.19	46.09	12.01	31.75	11.72					8.82
22-04-2019	14.22	32.26	7.99	24.06	16.14	38.29	10.89	22.55	23.93	55.46	13.12	36.68	16.37	49.40	11.71					8.82
23-04-2019	13.29	43.05	7.60	24.15	13.89	39.63	10.75	27.66	23.75	60.26	13.11	35.20	18.65	45.18	11.49					8.82
24-04-2019	15.44	48.98	7.56	25.65	17.04	43.06	11.06	23.03	23.72	55.22	12.98	28.49	30.20	63.04	11.67					8.82
25-04-2019	15.88	60.84	7.67	25.92	31.35	41.32	10.34	30.11	18.23	48.29	12.97	32.00	43.39	59.48	12.11					8.81
26-04-2019	22.26	76.80	7.53	24.77	19.73	55.23	11.20	29.13	27.11	64.05	13.31	39.25	34.24	51.16	11.57					8.82
27-04-2019	27.93	78.95	8.95	24.50	19.72	52.78	11.47	15.39	25.57	76.54	13.36	42.74	18.77	57.34	11.46					8.82
28-04-2019	25.13	96.54	7.97	22.96	20.85	60.35	11.17	17.35	22.07	60.44	13.10	15.29	24.06	48.31	11.31					8.81
29-04-2019	20.10	92.35	9.29	25.72	17.25	20.80	10.19	3.45	19.20	63.56	13.16	22.81	17.25	44.18	11.43					8.82
30-04-2019	21.85	89.47	8.75	26.47	12.84	34.98	10.97	15.69	21.84	77.52	13.04	31.45	29.61	52.24	11.07					8.82

Not in operation due to structural work going on this area, so lan cable disconnected for safe practice .

Signature

Prepared By
P.P.Nandusekar
Asst. Manager (Environment)

Signature


Checked By
V. M. Waghchaure for
GM (Environment)

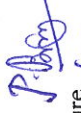
Month	Day Time	Night Time
Apr-19	63	62
Standards	< 75	< 70

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple			Near Coke Oven Plant			Near MSEB Substation			Near Goa Gate			Near Dolvi Village					
	PM2.5	PM10	SO2	NOX	SO2	PM2.5	PM10	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX		
01-05-2019	19.23	75.96	8.50	27.46	0.55	7.57	24.42	9.92	2.97	16.88	62.82	13.08	21.50	32.47	76.32	11.35	8.82	
02-05-2019	31.39	72.91	10.62	26.52	2.99	19.50	39.83	10.49	8.59	20.57	75.54	13.33	22.14	31.29	47.43	11.38	8.82	
03-05-2019	21.30	78.44	10.10	21.08	1.52	11.27	26.11	10.18	16.87	20.11	66.45	13.33	23.55	23.69	47.84	11.30	8.83	
04-05-2019	20.98	83.72	11.25	22.68	2.17	7.66	24.90	10.09	16.91	24.93	87.36	13.12	25.29	19.48	50.53	11.56	8.81	
05-05-2019	18.03	70.53	10.12	24.17	0.68	9.82	28.44	10.07	1.05	16.81	60.97	13.21	21.17	22.59	39.15	11.61	8.80	
06-05-2019	16.24	54.94	8.22	23.01	0.61	30.18	63.69	10.62	0.64	18.46	47.73	13.46	23.78	15.77	45.86	11.31	8.82	
07-05-2019	13.03	43.23	8.04	24.90	0.65	26.69	44.20	10.74	0.20	19.09	52.25	13.35	30.75	15.01	40.75	11.45	8.80	
08-05-2019	22.73	83.08	8.82	43.57	0.41	24.54	61.48	10.84	22.29	20.37	48.35	13.13	19.99	18.57	38.05	11.49	8.82	
09-05-2019	18.38	61.15	8.05	27.60	0.41	31.51	76.58	12.84	23.85	12.27	44.02	13.29	25.11	15.34	36.27	11.55	8.82	
10-05-2019	18.10	73.43	8.80	26.50	0.44	30.54	84.51	14.52	16.94	17.76	47.89	13.43	22.75	16.90	39.90	11.57	8.81	
11-05-2019	13.63	52.98	7.83	28.16	3.04	29.41	73.21	14.78	19.65	12.63	50.59	13.45	21.98	13.31	36.31	11.55	8.80	
12-05-2019	13.69	37.94	7.81	25.03	0.36	26.91	46.32	11.76	16.11	20.22	46.08	13.35	22.48	25.41	29.19	11.29	8.82	
13-05-2019	13.66	49.31	7.65	25.20	0.22	30.07	50.19	11.66	17.16	18.28	50.94	13.61	24.33	18.02	33.51	11.58	8.81	
14-05-2019	12.57	46.34	8.39	25.20	0.35	30.38	52.41	11.64	17.42	23.33	51.02	13.47	23.16	16.03	40.15	11.00	8.82	
15-05-2019	17.01	67.25	8.43	24.92	0.23	35.95	71.14	11.45	17.41	14.39	62.64	13.62	20.38	19.25	50.69	10.92	8.81	
16-05-2019	14.79	48.19	7.93	25.03	0.18	31.16	55.29	11.47	16.95	17.94	46.03	13.66	25.16	17.35	28.39	11.54	8.81	
17-05-2019	17.07	61.62	7.80	25.25	0.32	33.14	60.15	11.05	17.02	15.76	45.54	13.89	26.49	16.27	43.88	11.57	8.81	
18-05-2019	20.75	80.20	7.84	25.37	0.43	31.95	60.17	11.09	20.19	24.77	45.47	13.86	40.42	15.96	45.93	11.62	8.82	
19-05-2019	16.50	69.16	7.82	25.37	0.31	26.54	68.74	11.45	18.24	19.23	50.65	13.58	33.14	20.99	37.31	11.52	8.82	
20-05-2019	14.84	53.14	7.66	25.25	18.76	36.54	73.89	11.89	20.62	21.48	39.17	13.55	29.50	12.95	36.40	11.46	8.82	
21-05-2019	35.20	43.03	7.67	26.09	29.44	32.96	74.56	13.50	26.90	16.03	47.55	13.50	22.78	11.94	28.31	11.15	8.82	
22-05-2019	12.06	38.31	8.12	26.62	20.02	23.96	39.43	11.62	18.81	18.58	39.78	13.57	15.64	12.98	30.78	11.26	8.81	
23-05-2019	12.56	23.82	11.29	26.28	11.79	30.62	49.98	11.50	19.75	16.90	47.45	13.63	23.67	15.31	33.93	11.51	8.82	
24-05-2019	15.42	56.85	9.89	45.67	32.88	32.17	81.54	13.20	21.70	19.12	54.92	13.53	16.47	27.37	44.63	11.25	8.82	
25-05-2019	13.11	42.77	8.28	27.51	29.10	27.84	74.19	11.87	19.65	17.52	53.46	13.79	23.35	30.78	39.05	11.09	8.82	
26-05-2019	Power supply problem				16.32	22.31	31.24	73.25	11.89	20.76	23.65	55.16	13.76	24.55	39.50	37.52	11.43	8.82
27-05-2019	6.94	41.01	8.55	26.36	34.95	29.08	54.46	10.80	21.61	18.34	58.55	13.66	20.10	23.91	39.97	11.47	8.82	
28-05-2019	13.91	42.99	8.37	25.92	33.55	41.96	53.67	11.26	27.78	20.85	51.70	13.83	25.47	19.05	41.35	11.46	8.82	
29-05-2019	14.00	51.26	8.52	26.51	26.91	50.08	65.28	10.32	26.27	14.32	46.57	13.75	21.97	18.10	36.11	11.32	8.83	
30-05-2019	14.28	50.10	9.50	26.26	19.30	44.59	50.63	10.35	24.09	18.41	49.21	13.71	17.48	17.31	32.92	11.49	8.82	
31-05-2019	14.25	60.85	8.97	27.47	11.65	17.72	41.35	9.97	18.12	13.13	43.68	13.77	20.11	16.68	34.27	11.27	8.82	

Prepared By

P.P.Nandusekar
Asst. Manager (Environment)

Checked By

V. M. Waghchaure
GM (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple			Near Coke Oven Plant			Near MSEB Substation			Near Goa Gate			Near Dolvi Village							
	PM2.5	PM10	SO2	NOX	SO2	PM10	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX					
01-06-2019	17.24	74.30	9.70	27.82	1.10	12.55	17.09	10.23	29.65	9.58	15.64	16.18	55.52	13.82	18.15	29.46	44.26	11.35	8.82	
02-06-2019	11.47	42.61	9.88	27.50	1.26	13.73	17.09	12.57	30.57	9.34	16.25	14.64	38.53	13.85	19.17	1.47	34.51	11.86	8.82	
03-06-2019	13.10	42.23	10.32	27.15	1.18	13.79	17.09	16.35	42.51	10.87	18.47	15.49	54.94	13.83	17.72	8.43	44.34	11.43	8.83	
04-06-2019	12.58	38.68	9.80	28.74	1.19	12.63	17.09	15.05	38.00	13.20	21.27	18.84	56.32	13.64	21.52	21.36	38.93	11.18	8.82	
05-06-2019	13.32	44.28	9.19	28.04	2.03	20.49	17.08	11.08	24.89	9.57	15.91	13.19	36.19	13.79	14.79	24.22	37.56	11.82	8.82	
06-06-2019	9.78	31.11	8.99	27.85	0.80	13.99	17.09	6.88	14.84	9.55	16.01	11.94	41.29	13.90	20.96	18.52	36.94	11.52	8.83	
07-06-2019	12.97	55.55	8.92	29.62	1.15	16.26	17.08	7.68	16.38	9.35	16.14	13.86	43.62	13.93	20.61	14.60	32.49	11.57	8.81	
08-06-2019	12.89	49.22	8.88	27.63	1.94	36.22	17.09	7.66	24.90	10.09	16.91	9.59	41.13	14.05	14.60	13.16	34.45	11.97	8.81	
09-06-2019	14.46	78.20	8.79	29.05	0.63	22.25	17.07	6.97	15.66	9.86	16.36	14.27	55.28	14.23	16.61	18.03	47.19	11.46	8.84	
10-06-2019	17.61	71.29	9.12	30.58	1.20	18.29	17.07	6.35	12.58	9.90	16.40	12.63	45.33	14.19	20.63	18.48	34.76	11.10	8.83	
11-06-2019	12.24	87.78	9.15	29.32	2.02	15.86	17.08	5.40	10.31	10.14	16.50	11.71	23.24	14.35	25.52	13.93	24.00	11.54	8.84	
12-06-2019	28.28	90.54	10.01	30.85	1.13	30.65	17.07	3.40	5.73	10.29	16.59	20.86	54.43	14.36	15.76	28.84	28.58	12.69	8.83	
13-06-2019	Power supply problem																			
14-06-2019	Power supply problem																			
15-06-2019	22.48	82.60	11.09	39.90	Under Maintenance			20.79	5.67	13.68	10.89	17.32	27.52	54.43	14.42	15.96	Station Kept shutdown due to water leakage problem			
16-06-2019	26.00	71.50	12.50	41.04	Under Maintenance			25.97	9.54	20.38	11.94	18.76	15.21	48.24	14.42	9.79	Station Kept shutdown due to water leakage problem			
17-06-2019	17.99	68.18	11.56	41.66	Under Maintenance			23.49	7.84	17.11	13.47	19.87	15.15	49.25	14.53	14.15	Station Kept shutdown due to water leakage problem			
18-06-2019	27.62	78.64	13.15	30.77	Under Maintenance			14.13	4.83	13.36	9.70	16.57	19.50	43.77	14.52	18.49	50.06	10.29	8.64	
19-06-2019	15.69	61.15	12.00	19.00	Under Maintenance			9.45	11.36	17.08	11.40	17.21	12.66	33.01	14.61	22.85	8.66	11.03	8.76	
20-06-2019	24.22	84.33	11.18	21.69	Under Maintenance			11.87	7.48	17.58	9.78	16.59	22.58	47.22	14.59	23.63	9.72	11.81	8.82	
21-06-2019	23.19	84.61	11.61	21.37	Under Maintenance			Power supply disconnect due to Drainage work near station			8.18	19.02	9.95	16.66	16.31	14.61	19.33	10.44	10.82	8.81
22-06-2019	25.11	73.68	10.70	47.16	Under Maintenance			Power supply disconnect due to Drainage work near station			8.85	20.81	10.04	16.75	20.26	14.70	22.69	10.51	10.98	8.81
23-06-2019	18.11	72.43	10.71	20.37	Under Maintenance			Power supply disconnect due to Drainage work near station			9.50	20.34	10.38	16.75	14.79	14.70	18.70	9.96	10.95	8.82
24-06-2019	29.75	86.95	12.74	20.45	Under Maintenance			Power supply disconnect due to Drainage work near station			4.83	15.28	12.25	16.26	16.06	14.74	20.66	10.29	11.07	8.83
25-06-2019	19.11	61.79	11.89	23.66	Under Maintenance			Power supply disconnect due to Drainage work near station			10.97	23.54	14.72	18.15	9.77	18.15	9.77	11.09	8.83	
26-06-2019	23.88	81.62	11.87	25.64	Under Maintenance			Power supply disconnect due to Drainage work near station			15.22	27.79	14.79	15.56	10.71	15.56	10.71	11.10	8.81	
27-06-2019	20.20	77.11	13.93	32.22	Under Maintenance			Power supply disconnect due to Drainage work near station			11.41	26.76	14.91	19.43	11.91	19.43	11.91	11.10	8.83	
28-06-2019	19.94	76.51	15.98	33.28	Under Maintenance			Power supply disconnect due to Drainage work near station			16.68	32.67	15.06	20.02	9.91	20.02	9.91	10.85	8.81	
29-06-2019	26.72	76.84	15.01	34.09	Under Maintenance			Power supply disconnect due to Drainage work near station			15.78	15.98	15.56	18.90	24.40	15.56	18.90	24.40	10.92	8.80
30-06-2019	32.86	72.19	17.16	35.96	Under Maintenance			Power supply disconnect due to Drainage work near station			12.99	21.45	15.11	12.29	51.60	15.11	12.29	51.60	11.60	8.80
Month	Day Time	Night Time																		
Jun-19	64	63																		
Standards	< 75	< 70																		



Prepared By
P.P.Nandusekar
Asst. Manager (Environment)





Checked By
V. M. Waghchaure
GM (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple				Near Coke Oven Plant				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	Nox
01-07-2019	32.78	<Samp	16.70	37.51	2.32	5.18	15.15	7.01	0.99		11.45	6.92
02-07-2019	21.98	<Samp	15.04	30.37	8.68	12.44	15.06	8.32	54.82		11.70	6.91
03-07-2019	12.60	45.31	18.19	18.86	7.98	15.19	15.15	9.79	31.16		10.44	6.91
04-07-2019	9.00	37.07	15.95	19.07	12.79	32.49	15.19	13.61	10.34		11.28	6.91
05-07-2019	7.58	27.53	15.48	20.25	11.90	30.07	15.40	18.82	11.80		11.69	6.92
06-07-2019	4.89	25.77	14.44	20.14	7.99	19.66	15.27	16.05	11.45		11.50	6.91
07-07-2019	4.24	27.73	12.62	21.44	14.65	32.45	15.61	22.89	10.14		10.53	6.92
08-07-2019	6.29	31.44	14.14	20.69	11.72	27.08	15.72	14.56	10.53		11.62	6.92
09-07-2019	6.56	26.22	13.96	21.73	11.97	19.72	16.06	0.00	17.57		11.51	6.91
10-07-2019	10.78	48.74	15.41	20.37	10.52	24.39	16.07	6.45	8.69		11.16	6.91
11-07-2019	6.91	27.49	13.47	14.15	11.26	25.22	16.35	18.42	12.97		11.73	6.92
12-07-2019	14.69	51.97	14.55	16.37	11.35	22.19	16.09	9.31	13.45		11.50	6.92
13-07-2019	8.84	22.04	15.22	17.14	10.06	21.99	15.99	17.25	12.93		11.25	6.91
14-07-2019	9.72	32.04	14.22	17.53	12.07	22.45	15.85	17.67	10.36		11.15	6.91
15-07-2019	11.56	24.31	15.14	16.48	14.30	32.19	15.80	34.82	12.43		11.36	6.92
16-07-2019					16.29	35.40	15.91	10.69	14.38		10.63	6.90
17-07-2019					9.94	40.92	15.98	7.70	8.05		11.15	6.91
18-07-2019					17.40	53.50	16.01	17.46	16.90		11.55	6.91
19-07-2019					16.52	58.89	16.05	9.38	10.34		11.53	6.91
20-07-2019	22.13	56.94	16.59	21.33	18.67	46.07	16.21	7.14	9.86		11.59	6.91
21-07-2019	14.57	48.53	17.25	19.47	14.37	29.65	16.24	6.78	7.10		12.04	6.91
22-07-2019					14.25	36.34	16.11	6.08	12.94		11.51	6.92
23-07-2019					8.84	20.71	16.12	5.79	8.45		11.71	6.92
24-07-2019	17.81	65.28	19.50	9.70	18.46	43.52	16.32	6.84	9.21		11.58	6.92
25-07-2019	29.80	0.00	0.00	25.86	14.11	31.50	16.14	9.55	9.77		11.33	6.91
26-07-2019	12.48	17.97	18.90	28.38	15.34	35.91	16.24	15.53	9.36		11.13	6.92
27-07-2019	7.79	21.44	15.24	3.97	16.44	40.26	16.66	16.66	10.79		11.83	6.92
28-07-2019	9.52	38.27	11.72	0.00	22.71	84.63	16.88	13.47	10.49		11.09	6.92
29-07-2019	6.99	25.96	11.42	0.00	25.04	75.19	16.67	19.78	9.92		11.50	6.92
30-07-2019	5.77	22.74	11.66	15.37	18.25	48.82	17.17	18.80	8.48		11.57	6.91
31-07-2019	7.37	19.13	11.84	12.63	16.72	43.89	17.28	18.63	9.36		11.92	6.91
Month	Day Time	Night Time										
Jul-19	62	61										
Standards	< 75	< 70										

Checked By 
V. M. Waghchaure
GM (Environment)

Prepared By 
P.P. Nandusekar
Asst. Manager (Environment)


* Instrument under maintenance


** After maintenance instrument under stabilization

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple				Near Coke Oven Plant				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	SO2	NOX	PM2.5
01-08-2019	5.93	14.76	10.68	9.98	16.95	56.03	17.46	22.17	8.30		11.63	6.91
02-08-2019	5.30	13.37	10.99	10.12	19.13	43.33	17.17	22.90	13.62		11.68	6.92
03-08-2019	4.93	13.09	11.07	10.51	12.89	25.62	17.14	20.32	9.79		11.68	6.89
04-08-2019	6.95	17.35	10.80	6.60	21.12	57.34	16.95	16.40	8.77		11.62	6.92
05-08-2019	6.40	17.29	10.33	6.13	21.27	85.38	17.13	18.29	8.25		11.14	6.91
06-08-2019	6.49	17.95	10.82	7.74	19.81	49.48	16.94	19.48	12.83		11.60	6.92
07-08-2019	8.15	21.07	10.58	9.14	27.34	39.33	17.51	22.11	9.37		11.49	6.91
08-08-2019	11.96	33.84	10.48	17.43	28.70	38.30	17.87	27.82	9.54		11.16	6.92
09-08-2019	17.24	35.37	10.61	23.40	17.57	21.26	18.01	36.23	10.36		11.42	6.91
10-08-2019	10.17	29.15	10.90	21.70	8.62	12.05	17.08	22.75	12.57		11.77	6.91
11-08-2019	11.33	39.69	11.51	16.16	15.52	9.70	16.98	13.03	12.07		11.26	6.91
12-08-2019	5.92	22.86	11.63	12.59	12.03	15.96	16.73	10.45	11.39		11.78	6.91
13-08-2019	9.57	28.47	11.43	27.23	8.45	14.27	16.50	15.23	8.81		11.47	6.91
14-08-2019	15.00	57.16	12.45	23.31	11.56	20.15	16.65	16.79	9.39		11.22	6.91
15-08-2019	9.24	35.14	11.56	21.95	12.78	23.94	16.99	13.42	8.62		11.47	6.92
16-08-2019	13.50	54.39	12.43	21.94	8.47	17.09	16.71	11.72	10.25		11.41	6.92
17-08-2019	12.75	48.75	12.14	21.98	9.17	17.79	16.73	12.10	20.90		10.65	6.92
18-08-2019	41.76	87.30	12.74	21.96	17.44	under maintain	17.21	17.19	9.33		11.23	6.92
19-08-2019	8.49	22.58	11.76	47.13	under maintenance	16.77	20.43	8.76			11.53	6.92
20-08-2019	19.81	77.41	11.82	38.26	11.38	22.12	16.94	14.96	7.71		11.62	6.91
21-08-2019	20.47	87.13	11.02	43.85	13.59	17.77	16.99	12.09	8.38		11.38	6.90
22-08-2019	17.13	70.84	10.84	43.53	14.16	17.33	17.27	13.69	8.34		11.20	6.92
23-08-2019	18.07	55.22	11.25	48.97	12.43	24.00	17.37	12.52	9.86		11.61	6.91
24-08-2019	14.03	44.63	11.13	36.48	11.22	26.41	17.08	10.33	9.97		11.54	6.91
25-08-2019	17.75	97.90	10.84	35.06	Water leakage form shelter top						11.18	6.91
26-08-2019	26.76	68.97	11.03	57.20	21.97	27.79	18.32	15.19	8.37		11.33	6.88
27-08-2019	28.08	74.45	11.53	59.44	2.89	7.60	17.72	11.82	8.80		11.67	6.91
28-08-2019	18.17	64.35	10.97	44.76	20.60	41.29	17.60	22.06	9.61		11.26	6.91
29-08-2019	14.59	54.24	10.76	41.77	9.52	29.25	17.76	13.80	14.80		11.16	6.91
30-08-2019	15.52	73.53	11.01	38.92	12.23	15.62	18.08	12.96	9.86		11.45	6.91
31-08-2019	31.66	78.36	11.89	47.90	11.62	14.69	18.15	12.26	10.84		11.95	6.90

Checked By 
V. M. Waghchaure
GM (Environment)

Prepared By 
P.P. Nandusekar
Asst. Manager (Environment)

* Instrument under maintenance
** After maintenance instrument under stabilization

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location Date	Near Kasumata Temple				Near MSEB Substation				Near Goa Gate				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX
01-09-2019	28.00	45.32	11.95	38.54					11.22	18.02	18.30	11.41	8.16		10.97	8.82
02-09-2019	39.86	70.82	12.45	45.92					15.55	28.04	18.35	8.27	14.04		11.28	8.83
03-09-2019	38.50	59.54	12.30	48.77					12.28	19.76	18.42	12.27	8.97		11.37	8.83
04-09-2019	13.44	40.64	11.87	46.56					19.40	26.50	18.24	15.82	8.13		11.44	8.80
05-09-2019	8.92	29.54	12.15	44.00					11.00	14.65	18.46	15.40	8.73		11.50	8.82
06-09-2019	9.56	22.56	11.68	44.05					22.44	36.21	18.74	15.29	13.14		11.36	8.82
07-09-2019	8.90	17.56	11.93	40.92					10.53	18.71	18.72	11.12	16.55		11.38	8.83
08-09-2019	6.28	15.10	11.68	40.74					12.38	14.74	18.80	7.77	20.34		11.71	8.82
09-09-2019	6.43	11.22	11.19	33.94					17.63	29.36	19.16	20.90	16.13		11.11	8.81
10-09-2019	9.56	22.41	11.31	36.85					12.43	20.20	18.64	15.47	12.98		11.03	8.82
11-09-2019	26.30	71.36	11.67	46.41					9.65	23.29	18.55	16.76	11.67		11.35	8.82
12-09-2019	19.82	67.59	12.44	42.74					11.44	22.49	18.54	17.30	9.92		11.41	8.83
13-09-2019	25.78	88.56	11.70	44.28					11.70	23.35	18.85	17.15	8.04		11.77	8.83
14-09-2019	7.55	16.86	11.24	51.64					16.19	38.82	18.89	18.85	8.06		11.51	8.81
15-09-2019	9.30	30.00	11.25	39.79					14.04	23.39	18.74	12.53	7.84		11.36	8.82
16-09-2019	26.34	94.41	11.34	38.38					22.99	39.87	18.83	20.40	7.91		11.41	8.82
17-09-2019	16.59	42.18	11.21	40.78					15.12	22.43	18.91	19.94	8.15		11.60	8.82
18-09-2019	15.66	43.60	11.52	40.86					13.83	17.93	19.10	18.20	8.99		11.37	8.82
19-09-2019	12.17	25.19	11.56	41.48					14.32	28.90	19.09	18.84	10.97		11.44	8.82
20-09-2019	28.04	98.95	11.81	42.44					17.34	43.78	19.15	13.70	12.78		11.07	8.82
21-09-2019	31.20	99.16	11.59	51.84	3.48	9.88	12.35	30.21	11.32	26.60	19.19	9.70	8.78		11.23	8.82
22-09-2019	23.96	62.43	11.44	45.24	5.40	13.42	10.24	29.86	17.12	59.65	19.05	8.61	15.12		11.23	8.83
23-09-2019	20.84	44.55	11.32	48.42	7.22	24.34	8.65	29.92	14.21	51.89	19.13	16.99	9.13		11.10	8.81
24-09-2019	11.64	19.69	11.06	45.00	12.91	26.58	13.20	30.01	15.67	45.26	19.01	17.94	9.09		11.12	8.82
25-09-2019	8.68	13.45	10.76	39.34	10.21	30.54	10.94	27.21	11.58	18.03	19.11	15.07	7.07		11.10	8.81
26-09-2019	20.64	70.64	11.23	44.66	9.54	20.74	14.73	27.07	12.68	30.99	18.81	15.03	11.19		11.53	8.82
27-09-2019	19.74	71.23	11.39	47.49	4.09	6.12	7.64	18.92	21.06	61.37	19.27	14.19	13.59		11.58	8.81
28-09-2019	23.23	73.39	12.05	54.78	3.34	6.86	9.58	18.68	11.92	51.26	19.35	13.46	9.06		11.52	8.83
29-09-2019	20.02	94.41	11.61	44.71	4.22	8.11	8.67	18.02	16.14	59.22	19.24	9.30	15.36		11.27	8.82
30-09-2019	13.87	43.18	11.38	45.33	5.11	7.46	10.54	16.71	15.72	56.08	19.05	15.02	9.25		11.32	8.82
Month	Day Time	64	Night Time	< 70												
Sep-19	Standards	< 75	63	< 70												

Power supply problem

Water leakage from shelter top

hijis

Prepared By
P.P.Nandusekar
Asst. Manager (Environment)

P. Waghchaure

Checked By
V. M. Waghchaure
GM (Environment)


* Instrument under maintenance


** After maintenance instrument under stabilization

b) FUGITIVE EMISSION STATUS:

Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters ($\mu\text{g}/\text{m}^3$)		
			PM10	SO ₂	NO _x
A Coke Oven Plant					
CPCB Norms ($\mu\text{g}/\text{m}^3$)			3000	200	150
1	Near Coal Blending Area	24/04/2019	1406.43	2.59	19.73
		21-05-2019	1228.9	2.4	18.48
		20-06-2019	804.1	2.3	16.98
		23-07-2019	972.7	2.7	17.54
		26-08-2019	888.0	3.1	38.85
		23-09-2019	1378.4	2.6	19.12
2	Near Secondary Coal Crusher Area	22-04-2019	1955.6	2.8	17.88
		20-05-2019	1072.6	2.7	20.35
		20-06-2019	1065.9	2.3	23.32
		23-07-2019	730.4	2.4	21.34
		26-08-2019	1063.2	2.6	19.73
3	Near Coke Oven Battery A Warf Area	23-09-2019	1300.2	3.2	20.35
		22-04-2019	1282.0	3.0	19.11
		20-05-2019	907.6	2.8	20.96
		20-06-2019	1139.8	2.7	21.23
		23-07-2019	763.1	2.6	18.54
4	Near Coke Oven Battery B Warf Area	26-08-2019	1099.6	3.2	22.20
		24-09-2019	2111.9	2.6	20.96
		23-04-2019	1938.4	3.5	18.50
		11-05-2019	1842.3	2.5	19.73
		20-06-2019	945.7	2.4	21.45
5	Near Coke Cutter Area	23-07-2019	1168.1	2.3	20.12
		26-08-2019	1407.5	3.2	19.11
		21-09-2019	2250.6	2.4	19.73
		23-04-2019	1165.0	2.4	17.27
		11-05-2019	1306.2	3.1	20.35
6	Near Coke Screening Area	20-06-2019	984.4	2.9	18.45
		24-07-2019	929.2	3.2	23.21
		26-08-2019	974.2	2.6	22.20
		21-09-2019	2192.6	2.8	20.35
		23-04-2019	1412.3	3.7	17.88
7	Near Sulphur Recovery Area	21-05-2019	957.6	3.9	22.81
		20-06-2019	840.4	4.1	24.56
		24-07-2019	781.8	2.5	22.24
		27-08-2019	1000.0	2.6	23.43
		20-09-2019	1374.2	3.7	22.81
B Pellet Plant					
CPCB Norms ($\mu\text{g}/\text{m}^3$)			3000	200	150
1	Near Mixer Building Area	24-04-2019	1501.5	2.6	20.35
		24-05-2019	1236.1	2.8	19.73
		26-06-2019	906.3	2.4	18.45
		25-07-2019	488.7	2.3	17.54
		20-08-2019	916.9	2.4	20.35
		24-09-2019	928.7	3.0	19.73
2	Near Bentonite Storage Area	24-04-2019	1811.3	4.1	20.97
		24-05-2019	1260.6	3.9	23.43
		26-06-2019	1054.3	3.8	22.35
		25-07-2019	891.5	3.2	26.24
		20-08-2019	1099.8	3.5	21.58
		24-09-2019	1452.8	4.1	23.43

3	Near Additive Ball Mill Area	24-04-2019	1670.1	3.5	17.88
		25-05-2019	1476.4	3.2	19.12
		26-06-2019	959.6	3.6	18.45
		25-07-2019	528.1	2.3	16.54
		20-08-2019	1312.9	2.6	19.73
		24-09-2019	1057.4	3.0	19.12
4	Near Ball Mill Area	24-04-2019	1272.69	2.4	17.27
		24-05-2019	1043.45	2.6	17.88
		26-06-2019	703.17	2.3	19.56
		26-07-2019	558.89	2.9	17.45
		20-08-2019	1079.44	2.4	17.27
		25-09-2019	859.09	2.5	19.65
5	Near Indurating Machine	29-04-2019	1429.1	3.7	16.03
		25-05-2019	918.4	3.9	17.27
		26-06-2019	1102.7	3.2	15.65
		26-07-2019	373.2	2.8	19.65
		21-08-2019	905.8	3.7	16.65
		25-09-2019	1236.0	3.5	17.27
6	Near Hearth Layer Area	29-04-2019	1752.6	4.1	20.35
		25-05-2019	1978.2	3.9	19.73
		26-06-2019	1735.6	4.2	20.32
		26-07-2019	699.6	3.5	22.32
		21-08-2019	1406.9	3.2	19.12
		26-09-2019	1273.4	3.7	19.73
7	Near Product Storage Area	29-04-2019	2374.5	3.5	19.73
		25-05-2019	1245.4	3.6	21.58
		26-06-2019	1449.0	2.8	30.21
		26-07-2019	772.2	2.9	22.65
		21-08-2019	1256.7	3.2	20.35
		26-09-2019	1598.1	3.6	20.21


 Prepared By
 P.P. Nandusekar
 Asst. Manager (Environment)


 Checked By
 V. M. Waghchaure
 GM (Environment)

C. WATER POLLUTION STATUS:

Water Consumption/tonne of product produced :

Water Consumption / MT of Coke Produced : 1.951 M³/MT, from April., 2019 to Sept., 2019 (For COP only).

Water Consumption / MT of Pellet Produced : 0.103 M³/MT, April., 2019 to Sept., 2019 (For Pellet only).

Effluent discharged to

: No Discharge

Date & Time of the sample	Location of the Sampling Point	Type of the Treatment provided	Flow Rate Average (m ³ /day)	Parameters Monitored (mg/l, except pH)					Quantity of the treatment effluent reused / recirculated & what purpose	
				pH	TSS	Phenol	Cyanide	BOD		COD
From April, 2019 to Sept., 2019	COBP Effluent	BOD Plant - oil separation pool and air floatation pool, anaerobic pool, anoxia pool, aerobic pool and contact oxidization pool, Activated Carbon, Pressure Sand Filter	107.31 m ³ /h							After treatment 100 % quantity of treated water reused for coke-quenching. No discharge of waste water.
Pellet Plant				No Discharge						

QUALITY OF VARIOUS EFFLUENT STREAMS AT THE BOUNDARY LINE OF THE PLANT:

Sr. No.	Name of the Stream	Name of the Production Unit contributing to the Stream	Date & Time of Monitoring	Parameters (mg/l, expect pH & Temp.)					
				Temp. (°C)	pH	TSS	D.O.	C.O.D.	B.O.D.
Not applicable, as we are not discharging any wastewater from the Plant.									

STATUS OF SEWAGE TREATMENT PLANT (STP):

Date & Time of Monitoring	Name of the STP	Quantity of the Effluent	Parameters (mg/l, expect pH & Temp.)				Remark
			Temp. (°C)	pH	TSS	BOD	
From April, 2019 to Sept., 2019	BOD Plant	After treatment 100 % quantity used for coke-quenching or gardening.					All septic tank water Connected to BOD Plant

Prepared by
P. P. Nanduskar
Asst. Manager (Environment)

Checked By
V. M. Wagbhare
GM (Environment)

D. HAZARDOUS WASTE & SOLID WASTE MANAGEMENT:

a. Status of Solid Waste Management:

Sr. No.	Name of the Plant	Type of Waste	Quantity of Solid Waste generated per month in MT from Apr., 2018 to Sept, 2018	Method of reuse / disposal
1	Coke Oven Plant	Coke Breeze, Coke & Coal Dust	5180.2	100 % Reused Coke & Coal Dust in Coke Oven process and Coke Breeze in Pellet, Sinter Plant.
2	Pellet Plant	ESP & Bag filter dust from dedusting system	5180.2	100 % Reused in Pellet Process

b. Status of Hazardous Waste Management:

Sr. No.	Name of the Plant	Quantity of Hazardous Waste generated per month	Type of Hazardous Waste / Category	Method of handling, transportation & disposal
1	Coke Oven Plant	Nil	Used oil (Category No. 5.1)	NA
2		Nil	Impure Sulphur Paste (Category No. 34.3)	NA
3		38.27	Decanter Sludge (Category No. 13.3)	100 % Reused in Coke Oven process
4	Pellet Plant	6000	Used oil (Category No. 5.1)	Sold to Authorised Party for Disposal


Prepared By
P.P. Nandusekar
Asst. Manager (Environment)


Checked By
V.M. Waghchaure
GM (Environment)

P.B.M.

E. NOISE POLLUTION CONTROL STATUS:


Sr. No	Location	Distance from the Source (m)	Name of Control Equipment provided	Date of Monitoring	Noise Level Leq. dB(A)			
					Day		Night	
					Time	dB(A)	Time	dB(A)
A Coke Oven Plant								
1	Near Coke Oven -Battery Pushing side	5	**	09-04-2019	13:23	86	03:50	84
				23-04-2019	11:59	85	04:01	83
				10-05-2019	16:23	90	01:18	89
				24-05-2019	20:26	89	02:32	86
				11-06-2019	11:38	88	00:34	87
				26-06-2019	13:13	89	01:12	88
				12-07-2019	11:46	89	00:53	88
				18-07-2019	13:21	88	01:28	87
				13-08-2019	11:52	90	01:03	89
				27-08-2019	13:31	89	01:38	88
				13-09-2019	14:17	88	00:11	86
				27-09-2019	19:19	85	02:26	84
2	Near Coke Oven -Battery Coke side	5	**	09-04-2019	13:30	85	03:55	84
				23-04-2019	12:02	86	04:05	83
				10-05-2019	16:27	88	01:21	87
				24-05-2019	20:29	85	02:35	85
				11-06-2019	11:42	87	00:39	86
				26-06-2019	13:18	88	01:14	87
				12-07-2019	11:48	87	00:57	86
				18-07-2019	13:28	86	01:34	85
				13-08-2019	11:56	88	01:09	86
				27-08-2019	13:36	87	01:46	85
								13-09-2019
				27-09-2019	19:22	85	02:29	84
3	Near Coke cutter/coke screening area	5	**	09-04-2019	13:35	86	04:01	85
				23-04-2019	12:06	87	04:10	86
				10-05-2019	16:31	86	01:26	86
				24-05-2019	20:33	85	02:39	84
				11-06-2019	11:46	87	00:43	86
				26-06-2019	13:21	86	01:19	85
				12-07-2019	11:52	87	01:03	87
				18-07-2019	13:31	85	01:38	86
				13-08-2019	11:59	88	01:14	88
				27-08-2019	13:39	86	01:51	85
								13-09-2019
				27-09-2019	19:26	85	02:32	84
4	Near BOD Plant area	5	**	09-04-2019	13:39	86	04:05	84
				23-04-2019	12:13	85	04:15	83
				10-05-2019	16:35	84	01:31	86
				24-05-2019	20:37	83	02:42	85
				11-06-2019	11:48	85	00:49	84
				26-06-2019	13:28	86	01:23	85
				12-07-2019	11:56	86	01:09	85
				18-07-2019	13:36	85	01:46	84
				13-08-2019	12:06	87	01:18	86
				27-08-2019	13:45	86	01:55	85
								13-09-2019
				27-09-2019	19:29	84	02:35	82

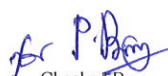

 Prepared By
 P.P. Nandusekar
 Asst. Manager (Environment)


 Checked By
 V. M. Waghchaure
 GM (Environment)

5	Near Coke Oven Main office Area	5	**	09-04-2019	13:45	79	04:09	76				
				23-04-2019	12:17	80	04:19	78				
				10-05-2019	16:39	85	01:35	84				
				24-05-2019	20:41	84	02:46	83				
				11-06-2019	11:52	82	00:53	81				
				26-06-2019	13:31	83	01:28	81				
				12-07-2019	11:59	83	01:14	83				
				18-07-2019	13:39	82	01:51	82				
				13-08-2019	12:09	85	01:22	84				
				27-08-2019	13:48	84	01:59	83				
				13-09-2019	14:31	83	00:26	81				
				27-09-2019	19:33	82	02:39	80				
				6	Near Coal blending Area	5	**	09-04-2019	13:47	87	04:12	85
								23-04-2019	12:23	86	04:22	84
10-05-2019	16:41	87	01:37					85				
24-05-2019	20:43	87	02:49					84				
11-06-2019	11:56	88	00:57					87				
26-06-2019	13:36	86	01:34					85				
12-07-2019	12:06	89	01:18					86				
18-07-2019	13:45	88	01:55					84				
13-08-2019	12:14	90	01:25					88				
27-08-2019	13:52	88	02:03					86				
13-09-2019	14:35	85	00:31					84				
27-09-2019	19:37	86	02:42					85				
7	Near Ammonia scrubber Area	5	**					09-04-2019	13:52	90	04:15	90
								23-04-2019	12:29	90	04:27	89
				10-05-2019	16:44	87	01:40	88				
				24-05-2019	20:48	86	02:52	87				
				11-06-2019	11:59	87	01:03	86				
				26-06-2019	13:39	85	01:38	84				
				12-07-2019	12:09	86	01:22	87				
				18-07-2019	13:48	85	01:59	85				
				13-08-2019	12:17	87	01:28	87				
				27-08-2019	13:51	84	02:03	85				
				13-09-2019	14:39	87	00:35	86				
				27-09-2019	19:41	85	02:46	84				
				8	Near Secondary Crusher Area	5	**	09-04-2019	13:58	89	04:18	87
								23-04-2019	12:32	88	04:34	86
10-05-2019	16:48	86	01:43					85				
24-05-2019	20:52	84	02:56					83				
11-06-2019	12:06	88	01:09					87				
26-06-2019	13:45	87	01:46					86				
12-07-2019	12:14	87	01:25					87				
18-07-2019	13:52	86	02:03					85				
13-08-2019	12:22	85	01:33					86				
27-08-2019	13:57	84	02:07					85				
13-09-2019	14:41	84	00:37					83				
27-09-2019	19:43	83	02:49					82				
B. Pellet Plant												
1	Near Ball Mill Area	5	**					09-04-2019	16:20	85	02:12	84
				23-04-2019	14:02	86	01:15	85				
				10-05-2019	17:21	89	02:11	89				
				24-05-2019	21:33	88	03:40	88				
				11-06-2019	13:02	87	02:15	86				
				26-06-2019	15:48	88	02:45	87				
				12-07-2019	13:02	87	02:15	86				
				18-07-2019	15:48	88	02:45	87				
				13-08-2019	13:09	88	02:22	87				
				27-08-2019	15:57	86	02:54	86				
				13-09-2019	16:09	89	01:45	88				
				27-09-2019	16:04	87	00:13	86				

2	Near Additive Ball Mill Area	5	**	09-04-2019	16:25	84	02:15	83
				23-04-2019	14:05	86	01:19	85
				10-05-2019	17:24	87	02:13	87
				24-05-2019	21:37	86	03:43	86
				11-06-2019	13:06	87	02:18	86
				26-06-2019	15:52	86	02:49	85
				12-07-2019	13:06	87	02:18	86
				18-07-2019	15:52	86	02:49	85
				13-08-2019	13:12	88	02:25	89
				27-08-2019	16:03	87	02:57	86
				13-09-2019	16:11	88	01:47	87
				27-09-2019	16:07	86	00:16	85
				3	Near Main ESP	5	**	09-04-2019
23-04-2019	14:10	88	01:22					87
10-05-2019	17:28	86	02:17					85
24-05-2019	21:41	84	03:48					87
11-06-2019	13:09	90	02:22					89
26-06-2019	15:57	89	02:54					88
12-07-2019	13:09	90	02:22					89
18-07-2019	15:57	89	02:54					88
13-08-2019	13:16	91	02:29					90
27-08-2019	16:07	89	03:03					89
13-09-2019	16:13	87	01:50					86
27-09-2019	16:09	86	00:13					85
4	Near Product Storage Area	5	**					09-04-2019
				23-04-2019	14:16	85	01:27	84
				10-05-2019	17:33	86	02:21	85
				24-05-2019	21:44	85	03:51	84
				11-06-2019	13:12	87	02:25	86
				26-06-2019	16:03	86	02:57	85
				12-07-2019	13:12	87	02:25	86
				18-07-2019	16:03	86	02:57	85
				13-08-2019	13:20	88	02:34	87
				27-08-2019	16:09	86	03:07	86
				13-09-2019	16:15	88	01:55	84
				27-09-2019	16:12	85	00:25	84
				5	Near Indurating area	5	**	09-04-2019
23-04-2019	14:20	86	01:32					85
10-05-2019	17:37	86	02:25					86
24-05-2019	21:48	85	03:54					85
11-06-2019	13:16	89	02:29					88
26-06-2019	16:07	88	03:03					87
12-07-2019	13:16	89	02:29					88
18-07-2019	16:07	88	03:03					87
13-08-2019	13:24	90	02:37					89
27-08-2019	16:11	88	03:11					88
13-09-2019	16:17	86	03:00					85
27-09-2019	16:16	89	02:38					87



 Prepared By
 P.P. Nandusekar
 Asst. Manager (Environment)


 Checked By
 V. M. Waghchaure
 GM (Environment)

6	Near Hearth Layer Area	5	**	09-04-2019	16:45	85	02:28	84
				23-04-2019	14:23	84	01:36	83
				10-05-2019	17:41	88	02:29	89
				24-05-2019	21:45	86	03:58	88
				11-06-2019	13:20	87	02:34	86
				26-06-2019	16:09	85	03:07	84
				12-07-2019	13:20	87	02:34	86
				18-07-2019	16:09	85	03:07	84
				13-08-2019	13:29	88	02:41	87
				27-08-2019	16:15	86	03:15	86
				13-09-2019	16:21	88	03:04	87
				27-09-2019	16:16	87	02:44	86

- ** Wherever possible, all noise creating equipments have been provided with in-built acoustic system by
- Personnels expose to higher noise level are provided with Hearing Protection equipments. Exposure time to high noise level


 Prepared By
 P.P. Nandusekar
 Asst. Manager (Environment)


 Checked By
 V. M. Waghchaure
 GM (Environment)

F. STATUS OF CONSENTS:

S. No.	Acts	Consent Number	Valid w. e. f.	Validity upto
1	Under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974 Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981	Coke Oven Plant (1 MTPA) Format 1.0/ BO/ CAC - Cell/ UAN No. 0000024004 - 17 / CAC - 1803000008 dated 01/03/2018	01/06/2017	31-05-2022
2	and authorisation under rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008	Pellet Plant (4 MTPA) Format 1.0/ BO/ CAC - Cell/ UAN No. 0000045570 - 18 / CAC - 1811000098 dated 02/11/2018	01-07-2018	09-30-2022


Prepared By

P.P. Nandusekar

Asst. Manager (Environment)


Checked By

V.M. Waghchaure

GM (Environment)