

November 27, 2021

ARCL/ENV/MoEF & CC/2021

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, 2021 to September 2021.

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

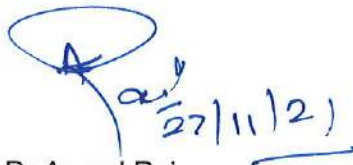
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April, 2021 to September 2021 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



Dr. Anand Rai
Associate Vice President (HOD-Environment)

- 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.

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			
Plant Capacity: 1.0 MTPA												
I Coke Oven Plant												
1	Coke Oven Battery A & B	Coke Oven Battery A & B	145	4.50	Natural Draft	10/04/2021 12:32 Hrs 22/05/2021 10:30 Hrs 19/06/2021 12:23Hrs 15/07/2021 14:45 Hrs 12/08/2021 12:32 Hrs 11/09/2021 12:35Hrs 23/04/2021 10:00Hrs 20/05/2021 10:02 Hrs 19/06/2021 09:50Hrs 15/07/2021 09:50 Hrs 12/08/2021 09:55 Hrs 11/09/2021 09:55Hrs 22/04/2021 14:20 Hrs 22/05/2021 12:12 Hrs 22/06/2021 11:10Hrs 27/07/2021 12:00 Hrs 02/08/2021 16:28 Hrs 20/09/2021 14:00Hrs	2546.0 2296.0 2399.0 2377.0 2527.0 2793.0 2544.0 2299.0 2399.0 2377.0 2527.0 2793.0 814.0 745.0 1035.0 1160.0 1326.0 54.6	12.0 12.0 10.0 14.0 13.0 6.0 10.0 8.0 7.0 9.0 8.0 7.0 14.0 16.0 14.0 15.0 14.0 12.0	42.0 46.0 32.0 38.0 40.0 40.0 10.0 12.0 10.0 12.0 15.0 12.0 22.0 19.0 23.0 20.0 22.0 21.0	156.0 172.0 56.0 103.0 128.0 122.0 NA NA NA NA NA 123.0 131.0 102.0 115.0 115.0 65.0 <800	168.0 192.0 106.0 148.0 166.0 153.0 NA NA NA NA NA 146.0 185.0 126.0 128.0 128.0 82.0 < 500	183.0 199.3 85.0 112.0 188.0 192.0 NA NA NA NA NA 178.0 177.0 198.0 143.0 143.0 98.0 NA
2	Ground De-dusting system	Coke Oven Battery A & B	31	2.50	Bag Filters							
3	Boiler	WHRB Boiler	40	2.00	-							
							CPCB Norms					

Plant Capacity: 4.0 MTPA

1	Dedusting 1 & 2	Mixer Unit	30.5	1.15	Bag Filters	13/04/2021 11:32 Hrs 26/05/2021 10:00 Hrs 10/06/2021 14:05Hrs 02-07-2021 10/08/2021 10:20Hrs 08/09/2021 10:15Hrs	10019.0 9672.0 9175.0 9701.0 9352.0 5981.0	8.0 7.0 7.0 7.0 7.0 6.0	25.0 24.0 23.0 24.0 26.0 28.0	NA NA NA NA NA NA	NA NA NA NA NA NA
2	Dedusting 3	Betonite Unit	30.5	0.89	Bag Filters	13/04/2021 12:00 Hrs 26/05/2021 12:10 Hrs 10/06/2021 16:20Hrs 02-07-2021 03/08/2021 16:32Hrs 06/09/2021 10:20Hrs	10019.0 9672.0 9175.0 9701.0 8655.0 9681.0	11.0 9.0 8.0 8.0 8.0 7.0	29.0 28.0 31.0 26.0 28.0 34.0	NA NA NA NA NA NA	NA NA NA NA NA NA

Prepared By hng
P.P.Nandusekar
Deputy Manager (Environment)

Checked By av
Dr. Anand Rai
Associate Vice President (HOD-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	02/04/2021 10:15 Hrs	9460.0	7.9	16.1	13.94	67.59	26.38
						01/05/2021 16:30 Hrs	10286.0	7.9	17.3	12.25	25.96	24.74
						10/06/2021 10:25Hrs	9175.0	16.0	25.0	94.00	108.00	146.00
						02-07-2021	9701.0	16.0	22.0	38.00	21.00	28.00
						10/08/2021 12:15Hrs	9352.0	15.0	21.0	38.00	21.00	28.00
4	Dedusting 7	Hearth Layer	30.5	1.35	Bag Filters	08/09/2021 12:28Hrs	5981.0	7.5	25.0	69.02	27.01	31.89
						13/04/2021 14:10 Hrs	10019.0	9.0	33.0	NA	NA	NA
						04/05/2021 10:10 Hrs	9692.0	8.0	31.0	NA	NA	NA
						11/06/2021 10:32Hrs	9664.0	7.0	30.0	NA	NA	NA
						02-07-2021	9701.0	7.0	28.0	NA	NA	NA
5	Dedusting 8	Final Product Silo	30.5	2	Bag Filters	06/08/2021 14:00Hrs	10309.0	8.0	26.0	NA	NA	NA
						06/09/2021 12:00Hrs	9681.0	6.0	29.0	NA	NA	NA
						15/04/2021 16:15Hrs	9411.0	10.0	38.0	NA	NA	NA
						04/05/2021 14:15 Hrs	9692.0	8.0	35.0	NA	NA	NA
						11/06/2021 12:10Hrs	9664.0	7.0	36.0	NA	NA	NA
6	Dedusting 9	Final Product Silo	30.5	0.69	Bag Filters	02-07-2021	9701.0	7.0	30.0	NA	NA	NA
						06/08/2021 15:05Hrs	10309.0	8.0	29.0	NA	NA	NA
						06/09/2021 14:15Hrs	9681.0	8.0	32.0	NA	NA	NA
						12/04/2021 16:10 Hrs	9985.0	8.0	23.0	NA	NA	NA
						04/05/2021 16:20 Hrs	9692.0	7.0	26.0	NA	NA	NA
						11/06/2021 15:20Hrs	9664.0	7.0	24.0	NA	NA	NA
						02-07-2021	9701.0	7.0	18.0	NA	NA	NA
						06/08/2021 16:38Hrs	10309.0	7.0	19.0	NA	NA	NA
						06/09/2021 15:33Hrs	9681.0	6.0	19.0	NA	NA	NA
						CPCB Norms						



Checked By
Dr. Anand Rai
Associate Vice President (HOD-Environment)



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

b) FUGITIVE EMISSION STATUS:

Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters (µg/m ³)		
			PM10	SO ₂	NO _x
A Coke Oven Plant					
	CPCB Norms (µg/m3)		3000	200	150
1	Near Coal Blending Area	17-04-2021	2023.7	6.7	27.75
		12-05-2021	2346.8	7.0	26.98
		26-06-2021	1612.0	7.3	25.44
		20-07-2021	1612.0	8.4	26.21
		14-08-2021	1060.6	8.7	26.98
		07-09-2021	1104.5	8.1	25.44
2	Near Secondary Coal Crusher Area	22-04-2021	1974.6	6.2	18.50
		13-05-2021	2728.8	6.5	19.18
		26-06-2021	1793.4	5.8	19.87
		15-07-2021	1793.4	6.0	18.50
		16-08-2021	1476.1	5.6	17.81
		07-09-2021	1436.4	5.8	19.87
3	Near Coke Oven Battery A Warf Area	21-04-2021	2295.6	6.7	23.98
		14-05-2021	2466.9	7.0	23.29
		26-06-2021	1499.1	6.7	23.98
		15-07-2021	1499.1	7.0	23.29
		16-08-2021	1184.5	6.5	22.61
		08-09-2021	1021.2	6.3	20.56
4	Near Coke Oven Battery B Warf Area	17-04-2021	2193.6	3.9	20.97
		17-05-2021	1819.1	3.7	21.58
		26-06-2021	1478.5	4.1	22.20
		14-07-2021	1478.5	3.9	21.58
		16-08-2021	1175.6	4.4	24.67
		07-09-2021	1299.6	4.2	21.58
5	Near Coke Cutter Area	19-04-2021	1874.8	6.0	15.42
		18-05-2021	1708.5	5.4	16.03
		28-06-2021	1861.7	5.0	16.65
		15-07-2021	1861.7	4.7	17.27
		14-08-2021	1369.1	5.6	19.87
		07-09-2021	1275.2	5.5	20.97
6	Near Coke Screening Area	19-04-2021	1350.7	4.7	17.88
		18-05-2021	1404.8	5.2	16.65
		28-06-2021	1368.7	5.0	17.88
		14-07-2021	1368.7	5.2	19.12
		16-08-2021	1196.5	5.8	21.93
		07-09-2021	1091.7	5.0	18.50
7	Near Sulphur Recovery Area	20-04-2021	1081.5	6.0	19.12
		19-05-2021	1176.8	5.8	19.73
		28-06-2021	1212.0	6.0	20.35
		16-07-2021	1212.0	5.8	21.58
		14-08-2021	841.8	7.6	26.21
		08-09-2021	946.2	6.3	19.12
B Pellet Plant					
	CPCB Norms (µg/m3)		3000	200	150
1	Near Mixer Building Area	21-04-2021	2073.1	7.6	25.44
		24-05-2021	1853.4	7.8	26.98
		24-06-2021	1643.9	7.6	27.75
		03-07-2021	1643.9	7.8	28.52
		12-08-2021	1194.3	6.5	23.43
		08-09-2021	1186.2	6.3	21.58
2	Near Bentonite Storage Area	22-04-2021	1852.7	5.5	19.18
		24-05-2021	2256.8	5.3	19.87
		24-06-2021	1244.3	5.5	21.24
		02-07-2021	1244.3	5.8	21.92
		08-13-2021	1015.5	6.6	25.44
		09-09-2021	1545.8	5.5	29.29

3	Near Additive Ball Mill Area	22-04-2021	1941.7	6.5	18.50
		25-05-2021	2063.9	5.8	17.81
		24-06-2021	1660.7	6.2	17.13
		02-07-2021	1660.7	6.5	17.81
		13/08/2021	1187.9	6.5	17.13
		08-09-2021	949.3	5.8	25.35
4	Near Ball Mill Area	23-04-2021	1720.64	3.88	17.27
		25-05-2021	2337.31	4.10	19.12
		24-06-2021	1216.85	3.67	19.73
		02-07-2021	1216.85	5.61	20.35
		12-08-2021	1016.86	6.31	23.30
		08-09-2021	1078.60	5.61	21.93
5	Near Indurating Machine	23-04-2021	1388.7	5.8	22.82
		26-05-2021	1516.7	6.3	22.20
		25-06-2021	1491.3	6.7	21.58
		02-07-2021	1491.3	6.9	22.20
		12-08-2021	1023.0	7.1	17.88
		09-09-2021	1440.0	4.6	17.27
6	Near Hearth Layer Area	24-04-2021	2370.6	5.4	21.58
		26-05-2021	2190.0	5.6	20.97
		25-06-2021	1753.7	5.8	21.58
		02-07-2021	1753.7	6.0	22.82
		12-08-2021	1588.3	6.1	23.43
		09/09/2021	1166.7	4.8	20.35
7	Near Product Storage Area	24-04-2021	2725.6	7.3	17.27
		27-05-2021	1977.9	6.7	17.88
		25-06-2021	2069.9	6.9	19.12
		02-07-2021	2069.9	7.1	20.35
		12-08-2021	1937.5	8.2	23.30
		09/09/2021	1544.8	6.9	19.12


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


 Checked By
 Dr. Anand Rai
 Associate Vice President (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT

MONTH : April, 2021

Location	Near Kasumata Temple				Near Coke Oven Plant				Near MSEB Substation				Near Goa Gate				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01/04/2021	19.77	81.21	11.52	33.46	1.32						40.85	66.00	15.83			18.90	66.58	20.28	29.80	2.2
02/04/2021	22.87	80.43	12.08	34.26	1.21						36.91	65.15	11.36			25.81	79.77	20.48	30.18	2.19
03/04/2021	16.62	65.56	11.61	30.14	0.8						54.62	70.31	16.31			16.82	63.42	20.51	29.08	2.15
04/04/2021	13.81	43.09	11.42	29.77	0.75						41.25	60.88	16.35			19.44	50.42	20.31	21.98	2.03
05/04/2021	10.65	33.58	11.21	27.82	0.73						24.51	74.90	17.38			14.26	47.56	20.06	27.95	2.1
06/04/2021	19.37	59.02	11.16	36.75	0.91						35.00	87.63	18.54			27.91	60.05	21.05	61.16	2.29
07/04/2021	18.82	61.83	10.92	33	0.87						34.07	97.59	18.57			21.77	36.08	20.12	54.76	1.95
08/04/2021	27.91	79.43	11.54	34.13	0.97						53.02	54.19	18.55			23.24	63.19	20.08	43.90	2.04
09/04/2021	17.67	36.28	11.01	34.03	0.78						59.07	86.86	18.92			19.96	47.59	20.08	33.39	2.03
10/04/2021	15.29	57.29	10.97	31.33	0.85						32.15	88.69	19.44			20.55	61.29	19.70	36.03	2.04
11/04/2021	15.66	35.4	10.83	28.29	0.84						35.84	66.10	19.22			24.16	57.80	19.58	34.81	2.14
12/04/2021	26.42	93.46	11.11	29.26	0.97						46.52	79.51	19.10			24.11	63.02	20.28	25.91	2.07
13/04/2021	29.26	83.68	11.18	32.91	1.09						35.34	69.75	19.11			41.49	94.30	20.74	55.13	2.29
14/04/2021	22.1	54.72	11.33	28.23	0.94						39.04	49.77	19.01			25.99	69.34	19.95	27.42	2.21
15/04/2021	18.77	46.54	10.93	29.02	0.92						57.28	35.16	19.48			21.73	58.04	20.33	35.56	2.14
16/04/2021	14.64	33.89	10.88	31.19	0.86						31.62	52.39	19.49			21.14	65.33	20.49	28.93	2.13
17/04/2021	12.43	30.28	10.74	28.63	0.82						56.35	63.75	19.77			24.45	42.52	18.21	30.99	1.58
18/04/2021	16.32	36.88	10.81	28.57	0.84						35.02	69.33	19.50			29.60	53.91	13.27	23.44	0.4
19/04/2021	20.14	80.32	12.12	30.18	0.94						31.41	49.17	19.54			25.24	10.42	13.59	48.54	0.75
20/04/2021	46.45	89.59	13.86	33.12	0.87						18.02	42.22	20.07			32.03	87.00	13.54	28.23	0.83
21/04/2021	26.82	70.89	10.32	41.64	0.83						27.67	59.09	19.73			32.00	82.32	13.42	22.08	0.66
22/04/2021	15.93	66.34	10.17		0.38						54.24	68.04	13.55			32.59	69.25	13.60	27.52	0.59
23/04/2021	22.1	87.1	10		0.44						20.25	41.16	10.78			35.32	75.25	13.04		0.62
24/04/2021	36.64	43.77	10.03		0.4						46.58	52.21	8.81			35.39	78.99	14.00	Under Maintenance	0.59
25/04/2021	41.84	54.44	10.51		0.38						50.37	55.17	9.38			39.87	82.21	14.05		0.65
26/04/2021	46.87	77.52	10.65		0.48						Due to power supply problem					49.88	59.87	14.14	25.68	0.97
27/04/2021	23.06	75.98	10.29		0.42											51.52	81.25	14.37	29.52	0.91
28/04/2021	26.12	85.65	10.25		0.5											38.25	89.10	14.35	18.40	0.65
29/04/2021	19.8	62.25	10.06		0.44											36.53	97.56	14.48	33.62	0.71
30/04/2021	15.4	45.63	10.15		0.47											35.84	74.61	14.49	30.59	0.78

Material received at site, Installation under progress

Spare parts under procurement

Material received at site, Installation under progress

Material received at site, Installation under progress

Month	Day	Night
Apr-21	65	64
Standards	< 75	< 70

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

Checked By
Dr. Anand Rai
Associate Vice President (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT

MONTH : May, 2021

Location	Near Kasumata Temple					Near Coke Oven Plant					Near MSEB Substation					Near Goa Gate					Near Dolvi Village				
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-05-2021	16.71	41.4	10.18		0.46											28.59	95.73	14.54	32.7	0.62					
02-05-2021	26.21	63.81	11.31		0.59											33.98	95.21	14.6	26.83	0.8					
03-05-2021	23.84	50.7	10.49	Under Maintenance	0.57											40.57	87.54	14.88	39.98	0.83					
04-05-2021	18.22	47.84	10.5		0.48											38.43	93.68	14.49	33.8	0.69					
05-05-2021	19.25	43.18	10.86		0.51											38.13	89.52	14.75	34.39	0.69					
06-05-2021	14.96	24.61	10.45	74.6	0.44											43.44	94.43	14.85	37.92	0.78					
07-05-2021	15.59	30.01	10.35	70.94	0.45											39.02	90.58	14.81	35.28	0.8					
08-05-2021	15.38	35.3	10.29	31.9	0.44											33.5	78.69	14.76	35.1	0.69					
09-05-2021	15.25	38.57	10.22	37.85	0.47											34.41	98.43	14.84	31.31	0.85					
10-05-2021	19.25	47.57	10.34	37.1	0.42											26.94	82.39	14.77	25.15	0.63					
11-05-2021	13.66	19.04	10.22	43.04	0.48											25.31	80.27	14.82	23.46	0.47					
12-05-2021	13.53	19.84	10.26	38.66	0.46											37.84	87.61	15.09	38.25	0.77					
13-05-2021	25.76	28.72	10.91	29.15	0.75											31.42	83.64	15.08	30.36	0.57					
14-05-2021	18.59	28.31	10.51	33.02	0.59											26.85	93.68	15.23	28.72	0.58					
15-05-2021	27.59	37.9	10.48	37.59	0.72											37.62	98.66	15.4	31.73	0.78					
16-05-2021	22.02	46.26	10.77	29.96	0.71											12.72	54.25	15.15	14.88	0.36					
17-05-2021	49.55	72.77	11.08	28.09	1.17											8.14	36.53	15.1	10.1	0.43					
18-05-2021	47.81	68.91	13.64	31.39	0.74											18.28	73.91	15.12	8.39	0.54					
19-05-2021	40.82	60.28	13.59	24.78	0.76											20.63	51.36	15.34	22.37	0.53					
20-05-2021	24.19	43.79	12.63	26.66	0.6											29.35	68.51	15.14	25.23	0.7					
21-05-2021	35.49	43.9	15.67	40.48	0.78											33.9	92.68	15.25	22.95	0.66					
22-05-2021	23.75	32.89	16.26	39.69	0.72											33.98	82.54	15.63	26.68	0.67					
23-05-2021	20.41	26	15.44	36.75	0.68											30.38	75.63	15.39	17.98	0.45					
24-05-2021	14.05	18.82	12.81	44.22	0.59											22.8	91.28	15.32	18.82	0.46					
25-05-2021	11.59	15.48	11.67	40.29	0.52											25.09	68.94	15.31	23.05	0.57					
26-05-2021	10.09	17.23	11.28	51.95	0.49											26.87	83.61	15.64	28.68	0.7					
27-05-2021	12.18	27.15	11.2	47.4	0.47											25.91	95.84	16.21	33.12	0.81					
28-05-2021	18.23	33.23	12.44	55.6	0.56											12.94	76.95	16.1	33.9	0.82					
29-05-2021	22.17	40.26	14.79	68.48	0.65											28.18	85.46	15.6	26.61	0.87					
30-05-2021	14.44	22.7	12.35	44.98	0.67											23.34	82.15	15.48	20.82	0.88					
31-05-2021	22.58	45.30	12.31	77.09	0.68											21.46	94.07	15.84	21.48	0.81					
Month	Day	Night																							
	Time	Time																							
May-21	66	65																							
Standards	< 75	< 70																							

Power Supply Problem

Material received at site, Installation under progress

Material received at site, Installation under progress

Prepared By *hishar*
P.P.Nandusekar
Deputy Manager (Environment)

Checked By *Agar*
Dr. Anand Rai
Associate Vice President (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT

MONTH : June, 2021

Location	Near Kasumtra Temple				Near Coke Oven Plant				Near MSEB Substation				Near Goa Gate				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01/06/2021	24.66	52.8	12.63	43.26	0.715						13.32	67.41	15.62	17.33	0.63					
02/06/2021	30.24	65.25	13.29	51.36	0.867						16.01	89.69	15.56	23.82	0.71					
03/06/2021	24.11	24.35	12.24	57.46	0.775						19.31	74.29	15.8	25.46	0.84					
04/06/2021	18.81	34.99	12.22	67.2	0.732						15.56	55.73	15.82	20.63	0.8					
05/06/2021	12.09	31.16	12.78	75.13	0.771						32.12	58.28	15.69	10.76	0.8					
06/06/2021	14.21	35.05	12.42	62.93	0.692						Under Maintenance									
07/06/2021	18.34	55.93	13.13	78.37	0.757															
08/06/2021	14.48	44.58	12.73	71.85	0.754															
09/06/2021	22.63	64.09	13.49	81.14	0.909															
10/06/2021	23.22	64.72	13.76	78.19	0.812						12.99	34.05	15.46	23.27	0.42					
11/06/2021	21.07	61.45	14.2	89.35	0.899						8	36.53	15.23	17.62	0.32					
12/06/2021	16.83	43.95	13.17	72.82	0.78						6.61	26.18	15.45	14.69	0.3					
13/06/2021	13.68	39.97	12.88	69.54	0.699						13.6	55.84	15.61	24.31	0.62					
14/06/2021	14.31	49.04	12.12	63.44	0.741						12.02	89.55	15.47	14.92	0.38					
15/06/2021	15.97	40.95	12.05	70.11	0.704						23.65	95.63	15.67	30.49	0.67					
16/06/2021	19.74	53.24	12.41	83.29	0.853						9.89	52.66	15.47	22.13	0.42					
17/06/2021	21.03	51.19	12.93	89.66	0.805						5.18	12.44	15.66	10.1	0.34					
18/06/2021	13.15	48.01	12.1	64.65	0.684						Power Supply Problem									
19/06/2021	25.32	56.31	12.88	79.18	0.861															
20/06/2021	19.51	53.94	12.83	64.91	0.707						21.08	63.53	16.22	30.88	0.54					
21/06/2021	19.24	43.82	13.06	72.01	0.771						41.48	88.63	16.65	43.89	1.2					
22/06/2021	11.45	26.45	12.21	63.9	0.642						10.84	27.23	15.93	13.86	0.36					
23/06/2021											36.45	92.32	16.23	23.12	0.78					
24/06/2021											32.17	87.14	16.35	31.23	0.53					
25/06/2021											31.81	74.96	15.75	39.4	0.85					
26/06/2021											37.98	90.23	15.95	29.72	0.66					
27/06/2021											19.77	92.8	16.33	24.77	0.4					
28/06/2021											15.77	32.83	16.39	26.54	0.44					
29/06/2021											37.95	80.56	16.35	26.42	0.52					
30/06/2021											15.96	52.64	16.29	26.58	0.55					
											15.85	63.68	16.32	30.75	0.55					
											16.92	94.05	16.26	20.88	0.43					
											17.03	59.87	16.42	20.52	0.47					

Material received at site,
Installation under progress

Power Supply Problem

Material received at site, Installation under progress

Month	Day	Night
Jun-21	64	63
Standards	< 75	< 70

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

Checked By
Dr.Anand Rai
Associate Vice President (HOD-Environment)

JSW STEEL LIMITED

GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : July, 2021

MONITORING REPORT - July, 2021																																			
Location		Near Kasumata Temple					Near Coke Oven Plant					Near MISER Substation					Near Goa Gate					Near Dolvi Village													
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO										
01-07-2021	19.38	78.35	14.8	77.5	0.8											14.03	53.74	17	13.58	0.5															
02-07-2021	24.57	64.7	14.3	77.34	0.6																														
03-07-2021	24.41	68.57	13.2	71.24	0.7																														
04-07-2021	21.77	71.68	14.1	77.11	0.8																														
05-07-2021	20.02	68.81	14.6	77.33	0.8																														
06-07-2021	12.45	45.84	12.3	68.44	0.6																														
07-07-2021	13.84	61.25	12	73.58	0.6																														
08-07-2021	19.52	65.78	12.3	58.64	0.8																														
09-07-2021	17.46	60.64	12.8	63.25	1																														
10-07-2021	20.18	55.8	12.9	77.56	0.9																														
11-07-2021	15.03	29.35	12.6	73.54	0.7																														
12-07-2021	16.83	27.8	12.2	72.06	0.7																														
13-07-2021	20.4	38.92	12.8	74.93	0.8																														
14-07-2021	27.02	51.75	15.3	70.54	0.8																														
15-07-2021	22.17	39.36	13.8	58.91	0.8																														
16-07-2021	18.66	34.33	13.3	63.25	0.7																														
17-07-2021	14.85	28.37	12.9	79.07	0.7																														
18-07-2021	14.55	27.07	12.5	73.26	0.7																														
19-07-2021	12.16	21.13	12.1	56.1	0.6																														
20-07-2021	6.62	9.19	11.6	38.73	0.5																														
21-07-2021	6.28	7.57	11.2	37.95	0.5																														
22-07-2021	7.05	9.62	11.2	37.42	0.5																														
23-07-2021	6.42	9.37	11.2	38.34	0.5																														
24-07-2021	6.58	7.11	11.3	37.93	0.5																														
25-07-2021	6.33	14.43	11.3	38.42	0.5																														
26-07-2021	7.12	9.13	11.1	38.39	0.5																														
27-07-2021	5.86	7.29	11	40.28	0.5																														
28-07-2021	6.52	7.87	11	39.34	0.5																														
29-07-2021	5.79	7.04	11	40.11	0.4																														
30-07-2021	5.64	7.76	10.9	42	0.5																														
31-07-2021	11.16	20.19	11.9	52.24	0.4																														
						Power Supply Problem					MIB Board and display Assembly submitted in Electronics Lab for repairing															Material received at site. Installation under progress									

Prepared By Amir Jdr

Checked By
Dr. Anand Rai
Associate Vice

Associate Vice President (HOLD-Environment)

Deputy Manager (Environment)

JSW STEEL LIMITED
GHEETA PURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT

MONTH : August, 2021

Location	Near Kasumata Temple					Near Coke Oven Plant					Near MSEB Substation					Near Goa Gate					Near Dolvi Village				
	Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO				
01-08-2021		9.65	13.43	14.3	57.2	0.4	12.1	31.9	16.6	52.9		28.15	94.75	13.95	59.33	1.7									
02-08-2021		9.61	16.54	14.2	56.6	0.4	10.4	30.7	17.5	47.7		27.63	81.61	14.03	73.1	2.19									
03-08-2021		10.54	20.35	14.3	57.4	0.4	9.4	27.5	17.6	48.6		28.7	69.67	13.98	70.32	2.1									
04-08-2021		11.04	41.54	14.4	56.9	0.4	10.2	32.7	17.6	57.3		35.29	77.06	13.93	71.03	2.43									
05-08-2021		9.38	20.68	14.3	56.8	0.4	10.7	20.4	17.9	68.8		4.67	19.65	13.47	40.03	0.88									
06-08-2021		6.5	19.67	14.3	60.1	0.4	12.2	91.5	18.1	68.7		16.08	44.48	13.65	43.85	1.09									
07-08-2021		7.6	9.85	14.4	61.4	0.4	52.5	54.6	18.4	58.6		21.04	41.25	13.5	40.26	0.94									
08-08-2021		19.56	36.54	16.1	76	0.7	15.0	39.8	18.4	54.2				13.48	28.64	1.03									
09-08-2021		17.46	41.23	15.5	78.1	0.9	12.4	34.5	18.1	34.2				13.55	25.96	0.86									
10-08-2021		16.36	28.75	15.6	71	1.3	12.4	30.6	18.2	32.7				13.64	34.01	1.13									
11-08-2021		17.33	24.02	16	76.3	1.8	9.4	22.2	20.6	30.5				13.74	44.98	1.26									
12-08-2021		18.11	31.24	16.7	79.1	2.2	11.5	39.6	20.6	52.3				13.69	39.4	0.96									
13-08-2021		10.75	16.42	15.1	65.1	2.9	15.2	24.1	20.9	54.2				11.9	42.43	0.99	34.99	92.12	1.7	7	0.31				
14-08-2021		14.05	23.29	15.9	71.7	3.6								11.63	45.49	0.96	27.42	82.59	0.8	5.7	0.27				
15-08-2021		14	22.35	15.6	72.1	3.6								11.64	27.55	1.01	19.87	50.19	0.3	5	0.36				
16-08-2021		15.12	28.42	18.1	62.35	1.5								11.78	36.14	0.97	21.8	70.4	1.5	5.5	0.38				
17-08-2021		14.42	35.8	16.6	48.75	1.6								1.41	2.86	11.92	28.11	0.84	21.32	47.84	1.9	5.3	0.3		
18-08-2021		11.99	21.27	16.3	63.95	3.3								4.74	13.8	12.01	36.35	0.84	22.75	38.77	1.7	5.3	0.3		
19-08-2021		11.5	31.03	16.6	54.21	3.1								10.07	23.81	12.15	41.02	0.45	19.75	37.95	1.1	5.9	0.29		
20-08-2021		12.82	35.62	15.8	41.85	2.2								15.47	39.9	12.24	39.21	0.93	22.01	44.21	0.8	5.1	0.3		
21-08-2021		10.92	16.64	15.3	74.6	1								12.39	32.43	12.35	41.18	0.65	23.46	45.18	1.4	8.2	0.38		
22-08-2021		11.15	42.91	15.4	77.1	0.5								14.25	36.07	12.09	25.2	0.52	16.08	66.09	1.2	4.8	0.25		
23-08-2021		10.8	68.35	16.1	76.4	2.5								31.27	79.79	12.56	36.49	0.91	19.76	91.43	1.6	4.6	0.22		
24-08-2021		12.26	32.3	17.6	71.25	1.6								14	34.89	13.06	29.01	0.81	25.76	89.35	1.1	3.9	0.26		
25-08-2021		11.66	35.57	15.8	41.63	2								15.61	38.79	14.47	40.52	0.99	35.58	93	0.9	5.9	0.31		
26-08-2021		16.98	20.26	17.1	63.54	3								14.62	41.54	12.73	27.62	0.66	36.28	81.27	1.2	5.3	0.28		
27-08-2021		21.69	39.54	15.4	38.64	2.2								27.86	67.21	19.35	59.82	0.71	26.32	82.53	1.2	5.9	0.26		
28-08-2021		19.49	42.51	14.6	53.6	1.1								32.4	83.7	12.84	38.31	0.51	34.09	87.15	0.6	6.6	0.3		
29-08-2021		22.32	23.39	15.1	57.2	1.3								32.8	79.7	12.91	25.8	0.3	30.33	90.24	1.4	5.6	0.27		
30-08-2021		20.96	36.59	15	59.1	1.6								13.85	32.57	12.94	25.54	0.42	24.16	81.31	1.2	6.5	0.28		
31-08-2021		15.94	16.72	15.1	56.4	1.1								18.35	42.51	12.83	29.65	0.26	22.07	40.42	1	6.1	0.37		
Installation and Commissioning under progress																									
Power Supply Problem																									
Under Maintenance																									
MIB Board and display Assembly submitted in Electronics Lab for repairing																									

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

Checked By
Dr. Anand Rai
Dr. Anand Rai
Associate Vice President (HOD-Environment)

JSW STEEL LIMITED

GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.

AMBIENT AIR QUALITY MONITORING REPORT

MONTH :September, 2021

Location		Near Kusumata Temple					Near Coke Oven Plant					Near MISEB Substation					Near Goa Gate					Near Dolvi Village								
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO					
01-09-2021																														
02-09-2021																														
03-09-2021																														
04-09-2021																														
05-09-2021																														
06-09-2021																														
07-09-2021																														
08-09-2021																														
09-09-2021																														
10-09-2021																														
11-09-2021	14.76	70.82	13.98	36.14	0.84	13.73	38.19	1.17	0.85	0.18											45.68	131.54	0.58		0.37					
12-09-2021	12.6	24.14	14.16	43.02	0.91	9.6	13.59	0.85	0.88	0.14											40.21	106.01	0.84		0.71					
13-09-2021	6.95	18.82	14.44	40.97	0.89	20.36	38.58	0.71	1.6	0.18											33.59	92.72	0.65		0.46					
14-09-2021	13.62	18.49	13.89	38.91	0.82	25.83	78.36	0.95	0.64	0.14											41.32	99.43	0.56		0.35					
15-09-2021	26.39	24.19	13.91	44.04	0.88	8.11	64.61	0.95	3.39	0.32											64.42	181.17	0.94	Under Commis sing	0.23					
16-09-2021	43.35	58.08	16.38	54.39	1.13	18.61	75.64	0.69	2.87	0.2											70.13	187.55	1.6		0.85					
17-09-2021	39.48	45.45	16.83	55.22	1.25	19.92	66.74	0.27	1.2	0.13											38.25	111.53	0.59		0.23					
18-09-2021	44.06	43.48	16.02	58.85	1.16	19.2	78.6	0.5	2.39	0.21											47.07	92.27	0.63		0.5					
19-09-2021	34.23	34.3	15.81	63.82	1.1	11.94	32.25	0.4	2.69	0.18											60.68	40.33	76.9	0.88	0.41					
20-09-2021	48.24	58.96	15.92	69.88	1.5	9.74	22.2	1.34	1.75	0.16											21.37	1.64	23.75	44.63	1.5	0.24				
21-09-2021	28.79	36.77	17.64	77.86	1.44	11.81	24.67	1.42	3.11	0.21											8.12	22.24	1.63	18.38	38.99	0.92	0.31			
22-09-2021	26.88	26.68	15.01	68.12	1.18	36.44	91.6	3.16	7.02	0.3											8.56	30.83	1.59	23.7	77.85	0.17	0.28			
23-09-2021	34.28	33.99	14.81	67.73	1.64	34.77	71.64	3.69	7.38	0.32											12.95	52.31	8.38	34.14	1.6	13.32	34.89	0.12	0.33	
24-09-2021	33.26	53.99	15.88	66.83	1.16	19.75	50.76	2.42	5.24	0.28											11.96	28.51	8.38	34.14	1.6	13.32	34.89	0.12	0.33	
25-09-2021	36.92	67.11	15.42	68.47	1.26	40.68	122.61	2.24	7.96	0.3											14.73	33.22	8.47	37.7	1.58					
26-09-2021	33.93	43.31	16.14	70.72	1.28	45.96	108.79	2.78	8.64	0.31											18.42	111.2	8.5	41.02	1.75					
27-09-2021	20.37	38.54	15.49	67.48	1.17	36.37	79.28	3.01	6.24	0.24											15.06	52.8	7.67	33.48	1.57					
28-09-2021	36.3	51.67	16.17	64.66	1.15	21.42	52.53	2.39	5.86	0.21											9.9	37.58	7.98	29.72	1.53					
29-09-2021	44.72	79.27	18.61	67.73	1.17	11.75	13.07	2.52	2.85	0.18											14.84	62.67	8.38	36.32	1.59					
30-09-2021	37.7	65.31	17.05	71.76	1.19	13.79	38.44	2.46	5.68	0.25											9.35	56.89	8.41	28.77	1.51					
																					12.88	47.24	8.73	25.16	1.5					
																					13.85	32.57	12.94	25.54	0.42	24.16	81.31	1.24	6.47	0.28

Checked By
Dr. Anand Rai
Associate Vice

Dr. Anand Rai
Associate Vice President (HOD-Environment)

Prepared By
P. P. Nandusekar
Deputy Manager (En)

Month	Day Time	Night Time
Sep-21	66	65
Standards	< 75	< 70

C. WATER POLLUTION STATUS:

Water Consumption/tonne of product produced :

Water Consumption / MT of Coke Produced : 1.847 M³/MT, from April., 2021 to Sept., 2021 (For COP only).

Water Consumption / MT of Pellet Produced : 0.150 M³/MT, April., 2021 to Sept., 2021 (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		Amm. Nitrogen
From April, 2021 to Sept, 2021	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	

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, except pH & Temp.)							
				Temp. (° C)	pH	TSS	D.O.	C.O.D.	B.O.D.	O & G	IRON
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, except pH & Temp.)					Remark
			Temp. (° C)	pH	TSS	BOD	COD	
From April, 2021 to Sept., 2021	BOD Plant	After treatment 100 % quantity used for coke-quenching or gardening.						All septic tank water Connected to BOD Plant

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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., 2020 to Sept, 2020	Method of reuse / disposal
1	Coke Oven Plant	Coke Breeze, Coke & Coal Dust	7714.6	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	12603	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		26.15	Decanter Sludge (Category No. 13.3)	100 % Reused in Coke Oven process
4	Pellet Plant	Nil	Used oil (Category No. 5.1)	Sold to Authorised Party for Disposal

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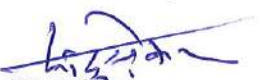
E. NOISE POLLUTION CONTROL STATUS:

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 -Battary Pushing side	5	**	10-04-2021	14:19	85	01:10	84
				26-04-2021	19:20	84	05:25	83
				09-05-2021	16:23	90	01:18	89
				21-05-2021	20:26	89	02:32	86
				07-06-2021	11:46	89	00:53	88
				24-06-2021	13:21	88	01:28	87
				07-07-2021	11:46	89	02:11	88
				21-07-2021	13:21	88	02:11	87
				15-08-2021	14:05	78	01:17	76
				30-08-2021	14:02	78	02:15	75
				09-09-2021	14:19	87	01:10	86
				23-09-2021	19:20	86	05:25	85
2	Near Coke Oven -Battary Coke side	5	**	10-04-2021	14:21	87	01:14	86
				26-04-2021	19:23	85	05:28	84
				09-05-2021	16:27	88	01:21	87
				21-05-2021	20:29	85	02:35	85
				07-06-2021	11:48	87	00:57	86
				24-06-2021	13:28	86	01:34	85
				07-07-2021	11:48	87	02:17	86
				21-07-2021	13:28	86	02:17	85
				15-08-2021	14:10	79	01:22	78
				30-08-2021	14:14	80	02:20	79
				09-09-2021	14:21	86	01:14	84
				23-09-2021	19:23	85	05:28	85
3	Near Coke cutter/coke screening area	5	**	10-04-2021	14:23	86	01:17	85
				26-04-2021	19:26	87	05:32	86
				09-05-2021	16:31	86	01:26	86
				21-05-2021	20:33	85	02:39	84
				07-06-2021	11:52	87	01:03	87
				24-06-2021	13:31	85	01:38	86
				07-07-2021	11:52	87	02:22	87
				21-07-2021	13:31	85	02:22	86
				15-08-2021	14:18	74	01:28	72
				30-08-2021	14:22	72	02:28	71
				09-09-2021	14:23	85	01:17	84
				23-09-2021	19:26	86	05:32	85
4	Near BOD Plant area	5	**	10-04-2021	14:27	84	01:21	83
				26-04-2021	19:29	83	05:35	82
				09-05-2021	16:35	84	01:31	86
				21-05-2021	20:37	83	02:42	85
				07-06-2021	11:56	86	01:09	85
				24-06-2021	13:36	85	01:46	84
				07-07-2021	11:56	86	02:28	85
				21-07-2021	13:36	85	02:27	84
				15-08-2021	14:30	86	01:33	85
				30-08-2021	14:35	85	02:32	84
				09-09-2021	14:27	85	01:21	84
				23-09-2021	19:29	86	05:35	85

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5	Near Coke Oven Main office Area	5	**	10-04-2021	14:31	82	01:26	81
				26-04-2021	19:33	81	05:39	80
				09-05-2021	16:39	85	01:35	84
				21-05-2021	20:41	84	02:46	83
				07-06-2021	11:59	83	01:14	83
				24-06-2021	13:39	82	01:51	82
				07-07-2021	11:59	83	02:34	83
				21-07-2021	13:39	82	02:32	82
				15-08-2021	14:40	84	01:38	83
				30-08-2021	14:44	85	02:37	82
				09-09-2021	14:31	85	01:26	84
				23-09-2021	19:33	86	05:39	85
6	Near Coal blending Area	5	**	10-04-2021	14:35	86	01:31	85
				26-04-2021	19:37	87	05:42	86
				09-05-2021	16:41	87	01:37	85
				21-05-2021	20:43	87	02:49	84
				07-06-2021	12:06	89	01:18	86
				24-06-2021	13:45	88	01:55	84
				07-07-2021	12:06	89	02:39	86
				21-07-2021	13:45	88	02:38	84
				15-08-2021	14:48	72	01:42	70
				30-08-2021	14:52	71	02:44	70
				09-09-2021	14:35	84	01:31	83
				23-09-2021	19:37	89	05:42	87
7	Near Ammonia scrubber Area	5	**	10-04-2021	14:39	88	01:35	87
				26-04-2021	19:41	89	05:46	88
				09-05-2021	16:44	87	01:40	88
				21-05-2021	20:48	86	02:52	87
				07-06-2021	12:09	86	01:22	87
				24-06-2021	13:48	85	01:59	85
				07-07-2021	12:09	86	02:44	87
				21-07-2021	13:48	85	02:42	85
				15-08-2021	14:57	84	01:47	83
				30-08-2021	15:00	85	02:48	84
				09-09-2021	14:39	88	01:35	86
				23-09-2021	19:41	86	05:46	85
8	Near Secondary Crusher Area	5	**	10-04-2021	14:41	85	01:37	84
				26-04-2021	19:43	86	05:49	85
				09-05-2021	16:48	86	01:43	85
				21-05-2021	20:52	84	02:56	83
				07-06-2021	12:14	87	01:25	87
				24-06-2021	13:52	86	02:03	85
				07-07-2021	12:14	87	02:09	87
				21-07-2021	13:52	86	02:47	85
				15-08-2021	15:06	76	01:52	74
				30-08-2021	15:12	78	02:55	76
				09-09-2021	14:41	85	01:37	84
				23-09-2021	19:43	84	05:49	83
B. Pellet Plant								
1	Near Ball Mill Area	5	**	10-04-2021	16:08	88	03:45	87
				26-04-2021	16:04	87	01:13	86
				09-05-2021	17:21	89	02:11	89
				21-05-2021	21:33	88	03:40	88
				07-06-2021	13:02	87	02:15	86
				24-06-2021	15:48	88	02:45	87
				08-07-2021	13:10	87	03:45	86
				22-07-2021	19:11	88	01:13	87
				08-08-2021	16:08	89	03:45	88
				23-08-2021	16:04	87	01:13	85
				10-09-2021	16:10	89	03:11	88
				24-09-2021	16:04	87	03:02	86


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2	Near Additive Ball Mill Area	5	**	10-04-2021	16:09	86	03:47	85
				26-04-2021	16:05	87	01:15	86
				09-05-2021	17:24	87	02:13	87
				21-05-2021	21:37	86	03:43	86
				07-06-2021	13:06	87	02:18	86
				24-06-2021	15:52	86	02:49	85
				08-07-2021	13:18	87	03:47	86
				22-07-2021	19:20	86	01:15	85
				08-08-2021	16:09	86	03:47	86
				23-08-2021	16:05	86	01:15	85
				10-09-2021	16:15	86	03:17	86
				24-09-2021	16:05	86	03:08	85
3	Near Main ESP	5	**	10-04-2021	16:11	90	03:50	89
				26-04-2021	16:08	89	01:20	88
				09-05-2021	17:28	86	02:17	85
				21-05-2021	21:41	84	03:48	87
				07-06-2021	13:09	90	02:22	89
				24-06-2021	15:57	89	02:54	88
				08-07-2021	13:24	90	03:50	89
				22-07-2021	19:24	89	01:20	88
				08-08-2021	16:11	90	03:50	88
				23-08-2021	16:08	88	01:20	88
				10-09-2021	16:18	90	03:22	88
				24-09-2021	16:08	88	03:14	88
4	Near Product Storage Area	5	**	10-04-2021	16:16	85	03:55	84
				26-04-2021	16:11	84	01:25	83
				09-05-2021	17:33	86	02:21	85
				21-05-2021	21:44	85	03:51	84
				07-06-2021	13:12	87	02:25	86
				24-06-2021	16:03	86	02:57	85
				08-07-2021	13:30	87	03:55	86
				22-07-2021	19:28	86	01:25	85
				08-08-2021	16:16	87	03:55	86
				23-08-2021	16:11	89	01:25	87
				10-09-2021	16:22	87	03:27	86
				24-09-2021	16:11	89	03:21	87
5	Near Indurating area	5	**	10-04-2021	16:16	87	04:01	86
				26-04-2021	16:13	88	01:38	87
				09-05-2021	17:37	86	02:25	86
				21-05-2021	21:48	85	03:54	85
				07-06-2021	13:16	89	02:29	88
				24-06-2021	16:07	88	03:03	87
				08-07-2021	13:37	89	04:01	88
				22-07-2021	19:34	88	01:38	87
				08-08-2021	16:16	89	04:01	87
				23-08-2021	16:13	87	01:38	86
				10-09-2021	16:26	89	03:31	87
				24-09-2021	16:13	87	03:25	86

6	Near Hearth Layer Area	5	**	10-04-2021	16:21	86	04:04	85
				26-04-2021	16:16	85	01:44	84
				09-05-2021	17:41	88	02:29	89
				21-05-2021	21:45	86	03:58	88
				07-06-2021	13:20	87	02:34	86
				24-06-2021	16:09	85	03:07	84
				08-07-2021	13:44	87	04:04	86
				22-07-2021	19:39	85	01:44	84
				08-08-2021	16:21	88	04:04	86
				23-08-2021	16:16	86	01:44	84
				10-09-2021	16:30	88	03:37	86
				24-09-2021	16:16	86	03:31	84

- ** Whereever 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

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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	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	Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 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


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