



A wholly owned subsidiary of JSW Steel Ltd.

Amba River Coke Limited

Dolvi Works: Geetapuram, Taluka Pen,
Dist Raigad (Maharashtra),
Dolvi - 402 107

CIN. : U23100MH1997PLC110901

Phone : 02143 277501 - 14

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May, 24 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 October, 2020 to March 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 October, 2020 to March 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
General Manager (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,
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Bandra(E), Mumbai - 400 051.

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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	Plant Capacity: 1.0 MTPA												
1	Coke Oven Battery A & B	Coke Oven Battery A & B	145	4.50	Natural Draft	20/10/2020 12:35Hrs	2852.0	14.2	34.6	96.5	55.3	66.3	
						23/11/2020 12:32 Hrs	2856.0	12.4	28.0	112.0	43.3	76.5	
						21/12/2020 12:10 Hrs	2846.0	12.5	32.2	156.0	212.0	232.0	
						25/01/2021 12:05 Hrs	2845.0	12.0	42.0	115.0	186.0	162.0	
						10/02/2021 12:00 Hrs	2739.0	14.0	32.0	128.0	158.7	186.5	
						23/03/2021 11:45 Hrs	2760	14	38	132	144	177	
2	Ground De-dusting system	Coke Oven Battery A & B	31	2.50	Bag Filters	20/10/2020 09:55Hrs	2852.0	21.4	11.5	NA	NA	NA	
						23/11/2020 10:00 Hrs	2856.0	12.5	10.0	NA	NA	NA	
						21/12/2020 09:40 Hrs	2846.0	11.0	12.0	NA	NA	NA	
						25/01/2021 09:55 Hrs	2845.0	10.0	8.9	NA	NA	NA	
						10/02/2021 09:55 Hrs	2739.0	10.0	8.9	NA	NA	NA	
						23/03/2021 10:10 Hrs	2760.0	11.0	9.0	NA	NA	NA	
3	Boiler	WHRB Boiler	40	2.00	-	20/10/2020 11:15Hrs	828.0	18.5	28.1	32.5	76.7	27.0	
						09/11/2020 14:35 Hrs	800.0	14.3	21.0	28.1	55.0	22.0	
						19/12/2020 11:40 Hrs	810.0	13.0	19.0	139.0	174.0	143.0	
						05/01/2021 11:08 Hrs	751.0	14.0	22.0	34.0	24.0	25.0	
						24/02/2021 16:00 Hrs	620.0	13.0	24.0	28.1	22.0	31.0	
						23/03/2021 15:00 Hrs	961.0	13.0	18.0	28.1	22.0	31.0	
							CPCB Norms						
							< 50		<800		< 500		NA

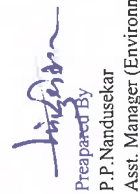
Prepared By 
P.P. Nandusekar
Asst. Manager (Environment)

Checked By 
Dr. Anand Rai
General Manager (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	NOx	CO
3	Main ESP	Induration Furnace	100	6.25	ESP	27/10/2020 12:48Hrs	7502.0	14.6	33.3	111.20	22.30	41.25
						26/11/2020 10:00 Hrs	11093.0	16.5	22.0	118.00	25.00	38.00
						23/12/2020 16:25 Hrs	10359.0	20.0	20.0	128.00	31.00	46.00
						06/01/2021 10:00 Hrs	8628.0	20.0	20.0	106.00	88.00	118.00
						03/02/2021 14:45 Hrs	10471.0	14.2	13.5	37.71	23.62	69.09
4	Dedusting 7	Hearth Layer	30.5	1.35	Bag Filters	11/03/2021 12:30 Hrs	4851.0	7.9	14.1	14.63	45.32	53.09
						21/10/2020 10:23Hrs	8568.0	11.4	24.5	NA	NA	NA
						26/11/2020 12:00 Hrs	11093.0	10.2	28.0	NA	NA	NA
						10/12/2020 10:18 Hrs	10889.0	10.0	26.0	NA	NA	NA
						14/01/2021 12:10 Hrs	10359.0	10.0	34.0	NA	NA	NA
5	Dedusting 8	Final Product Silo	30.5	2	Bag Filters	17/02/2021 10:05 Hrs	9821.0	9.0	28.0	NA	NA	NA
						15/03/2021 14:25 Hrs	4716.0	10.0	29.0	NA	NA	NA
						21/10/2020 12:00Hrs	8568.0	10.1	25.1	NA	NA	NA
						26/11/2020 14:15 Hrs	11093.0	10.0	30.0	NA	NA	NA
						10/12/2020 11:39 Hrs	10889.0	11.2	32.0	NA	NA	NA
6	Dedusting 9	Final Product Silo	30.5	0.69	Bag Filters	14/01/2021 14:30 Hrs	10359.0	11.0	32.0	NA	NA	NA
						17/02/2021 11:22 Hrs	9821.0	10.0	32.0	NA	NA	NA
						15/03/2021 16:30 Hrs	4716.0	10.0	32.0	NA	NA	NA
						21/10/2020 14:33Hrs	8568.0	12.5	19.5	NA	NA	NA
						26/11/2020 15:35 Hrs	11093.0	10.0	18.0	NA	NA	NA
CPCB Norms								9.0	< 150	<100	< 500	< 1


 Checked By
 Dr. Anand Rai

General Manager (HOD-Environment)


 Prepared By
 P.P. Nandusekar
 Asst. 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	20-10-2020	1450.0	5.7	20.04
		28-11-2020	1777.1	5.1	20.81
		28-12-2020	1800.6	5.7	23.89
		13-01-2021	1625.9	5.9	24.66
		18-02-2021	1625.9	6.2	25.44
		02-03-2021	2396.6	6.5	26.21
2	Near Secondary Coal Crusher Area	20-10-2020	1631.3	5.5	16.44
		28-11-2020	1721.6	5.8	17.81
		28-12-2020	1968.9	6.0	19.18
		14-01-2021	1790.5	6.2	19.87
		18-02-2021	1790.5	6.7	19.18
		08-03-2021	1873.7	6.5	19.87
3	Near Coke Oven Battery A Warf Area	20-10-2020	2137.5	5.8	18.50
		28-11-2020	2000.2	5.3	19.87
		26-12-2020	2366.5	5.5	21.24
		15-01-2021	1645.8	6.5	22.61
		19-02-2021	1645.8	6.5	23.29
		09-03-2021	2741.1	6.2	23.98
4	Near Coke Oven Battery B Warf Area	20-10-2020	1609.4	3.9	17.27
		28-11-2020	1701.3	3.7	17.88
		24-12-2020	1916.1	3.2	20.35
		08-01-2021	502.0	3.5	19.14
		19-02-2021	502.0	3.9	19.73
		03-03-2021	2403.8	4.1	20.35
5	Near Coke Cutter Area	22-10-2020	1604.4	4.1	13.57
		30-11-2020	1599.3	6.0	14.18
		25-12-2020	1801.3	6.3	15.42
		09-01-2021	492.4	66.9	16.03
		19-02-2021	492.4	5.6	16.65
		04-03-2021	2282.6	6.3	14.80
6	Near Coke Screening Area	22-10-2020	1696.5	3.5	15.42
		30-11-2020	1753.8	3.7	16.03
		26-12-2020	1481.4	3.9	16.65
		11-01-2021	1713.1	3.7	17.27
		20-02-2021	1713.1	3.9	17.88
		05-03-2021	1976.1	4.5	17.27
7	Near Sulphur Recovery Area	22-10-2020	1009.1	4.7	13.57
		30-11-2020	701.8	5.0	14.18
		28-12-2020	1091.7	5.2	16.03
		15-01-2021	932.1	5.4	16.65
		20-02-2021	932.1	5.6	16.03
		06-03-2021	1136.4	5.8	17.88
B	Pellet Plant				
	CPCB Norms (µg/m3)		3000	200	150
1	Near Mixer Building Area	17-10-2020	1658.3	5.9	20.04
		20-11-2020	1462.8	6.2	20.81
		26-12-2020	1742.0	7.0	21.58
		08-01-2021	2307.4	7.3	22.35
		16-02-2021	2348.3	7.0	23.89
		19-03-2021	1813.9	7.3	24.66
2	Near Bentonite Storage Area	17-10-2020	1388.9	5.5	16.44
		20-11-2020	1244.1	5.8	17.13
		26-12-2020	1930.5	5.5	17.81
		07-01-2021	2446.0	5.3	18.50
		16-02-2021	2265.7	5.5	19.18
		18-03-2021	1761.5	5.3	19.87

3	Near Additive Ball Mill Area	17-10-2020	1563.0	5.8	15.76
		20-11-2020	1249.3	6.0	15.07
		26-12-2020	1899.1	5.8	15.76
		07-01-2021	2957.7	6.0	15.00
		16-02-2021	1729.3	6.2	16.44
		17-03-2021	1899.3	6.5	17.81
4	Near Ball Mill Area	17-10-2020	1261.11	3.45	13.57
		22-11-2020	1522.92	3.24	14.80
		25-12-2020	1712.88	3.45	16.03
		06-01-2021	1472.22	3.67	14.80
		17-02-2021	1795.56	3.88	16.65
		16-03-2021	1327.41	4.10	17.88
5	Near Indurating Machine	19-10-2020	1757.0	4.7	16.65
		22-11-2020	1416.7	4.5	17.88
		24-12-2020	1470.5	5.0	19.12
		05-01-2021	1576.7	5.2	20.35
		17-02-2021	2175.0	5.6	21.58
		10-03-2021	1885.0	5.8	22.20
6	Near Hearth Layer Area	19-10-2020	1666.3	4.5	14.80
		22-11-2020	2266.7	4.7	16.03
		24-12-2020	1991.3	5.8	17.88
		05-01-2021	2012.7	6.0	19.12
		17-02-2021	2740.5	5.4	20.35
		11-03-2021	1940.0	5.2	20.97
7	Near Product Storage Area	19-10-2020	1961.9	4.1	12.95
		22-11-2020	2389.0	3.7	13.57
		25-12-2020	1965.2	6.3	14.80
		06-01-2021	2156.8	6.7	15.40
		18-02-2021	2812.5	6.9	16.03
		13-03-2021	2825.0	7.1	16.65



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Asst. Manager (Environment)



Checked By
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General Manager (HOD-Environment)

C. WATER POLLUTION STATUS:

Water Consumption/tonne of product produced :

Water Consumption / MT of Coke Produced : 8.619 M³/MT, from October, 2020 to March, 2021 (For COP only).

Water Consumption / MT of Pellet Produced : 0.772 M³/MT, October, 2020 to March, 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	
From October, 2020 to March, 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

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
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 October, 2020 to March, 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	7425.8	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	13796	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		10.28 tons	Impure Sulphur Paste (Category No.13.6)	Mumbai waste management ltd taloja
3		30.36	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	**	10-10-2020	10:10	86	03:41	85
				22-10-2020	10:14	85	03:58	84
				09.11.2020	14:19	85	01:10	84
				24.11.2020	19:20	84	05:25	83
				10-12-2020	11:05	87	04:15	86
				24-12-2020	13:04	85	05:25	84
				10.01.2021	10:10	86	03:41	85
				24.01.2021	10:14	85	03:58	84
				08-02-2021	14:12	86	02:11	84
				23-02-2021	20:10	85	02:11	84
				08-03-2021	11:20	81	00:14	80
				22-03-2021	13:05	80	01:18	80
2	Near Coke Oven -Battary Coke side	5	**	10-10-2020	10:12	87	03:44	86
				22-10-2020	10:16	86	04:02	85
				09.11.2020	14:21	87	01:14	86
				24.11.2020	19:23	85	05:28	84
				10-12-2020	11:20	84	04:26	83
				24-12-2020	13:08	85	05:28	84
				10.01.2021	10:12	85	03:44	84
				24.01.2021	10:16	85	04:02	84
				08-02-2021	14:18	85	02:17	83
				23-02-2021	20:15	84	02:17	84
				08-03-2021	11:24	80	00:21	78
				22-03-2021	13:11	81	01:23	79
3	Near Coke cutter/coke screening area	5	**	10-10-2020	10:18	88	03:47	87
				22-10-2020	10:19	87	04:06	86
				09.11.2020	14:23	86	01:17	85
				24.11.2020	19:26	87	05:32	86
				10-12-2020	11:08	86	04:34	84
				24-12-2020	13:24	85	05:32	84
				10.01.2021	10:18	87	03:47	86
				24.01.2021	10:19	88	04:06	87
				08-02-2021	14:22	87	02:22	87
				23-02-2021	20:21	87	02:22	85
				08-03-2021	11:27	82	00:25	81
				22-03-2021	13:17	83	01:28	82
4	Near BOD Plant area	5	**	10-10-2020	10:22	84	03:52	83
				22-10-2020	10:25	85	04:11	84
				09.11.2020	14:27	84	01:21	83
				24.11.2020	19:29	83	05:35	82
				10-12-2020	11:54	83	04:42	82
				24-12-2020	13:28	82	05:35	81
				10.01.2021	10:22	83	03:52	82
				24.01.2021	10:25	84	04:11	83
				08-02-2021	14:27	86	02:28	84
				23-02-2021	20:27	85	02:27	84
				08-03-2021	11:34	85	00:32	84
				22-03-2021	13:24	84	01:34	84

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5	Near Coke Oven Main office Area	5	**	10-10-2020	10:27	82	03:57	81
				22-10-2020	10:32	80	04:16	79
				09.11.2020	14:31	82	01:26	81
				24.11.2020	19:33	81	05:39	80
				10-12-2020	12:05	78	04:50	76
				24-12-2020	13:33	76	05:39	75
				10.01.2021	10:27	81	03:57	80
				24.01.2021	10:32	80	04:16	79
				08-02-2021	14:32	76	02:34	72
				23-02-2021	20:34	73	02:32	72
				08-03-2021	11:39	78	00:39	78
				22-03-2021	13:29	78	01:39	76
6	Near Coal blending Area	5	**	10-10-2020	10:31	87	04:01	86
				22-10-2020	10:35	86	04:21	85
				09.11.2020	14:35	86	01:31	85
				24.11.2020	19:37	87	05:42	86
				10-12-2020	12:08	85	04:55	84
				24-12-2020	13:37	84	05:42	82
				10.01.2021	10:31	86	04:01	85
				24.01.2021	10:35	85	04:21	84
				08-02-2021	14:39	87	02:39	85
				23-02-2021	20:39	86	02:38	84
				08-03-2021	11:45	82	00:45	81
				22-03-2021	13:34	81	01:45	81
7	Near Ammonia scrubber Area	5	**	10-10-2020	10:34	89	04:05	88
				22-10-2020	10:38	88	04:25	87
				09.11.2020	14:39	88	01:35	87
				24.11.2020	19:41	89	05:46	88
				10-12-2020	12:23	86	05:17	85
				24-12-2020	13:41	85	05:46	84
				10.01.2021	10:34	87	04:05	86
				24.01.2021	10:38	88	04:25	87
				08-02-2021	14:44	82	02:44	80
				23-02-2021	20:44	84	02:42	83
				08-03-2021	11:53	84	00:51	83
				22-03-2021	13:39	83	01:51	82
8	Near Secondary Crusher Area	5	**	10-10-2020	10:40	87	04:08	86
				22-10-2020	10:44	86	04:30	85
				09.11.2020	14:41	85	01:37	84
				24.11.2020	19:43	86	05:49	85
				10-12-2020	12:26	84	05:24	83
				24-12-2020	13:43	83	05:49	81
				10.01.2021	10:40	86	04:08	85
				24.01.2021	10:44	87	04:30	86
				08-02-2021	14:49	82	02:09	81
				23-02-2021	20:48	83	02:47	82
				08-03-2021	11:58	85	00:57	84
				22-03-2021	13:44	84	01:57	83
B. Pellet Plant								
1	Near Ball Mill Area	5	**	10-10-2020	10:22	87	02:15	86
				22-10-2020	11:20	88	03:55	87
				09.11.2020	16:08	88	03:45	87
				24.11.2020	16:04	87	01:13	86
				11-12-2020	16:08	88	03:45	87
				25-12-2020	16:04	87	01:13	86
				10.01.2021	10:22	87	02:15	86
				24.01.2021	11:20	86	03:55	85
				08-02-2021	13:10	86	01:11	85
				23-02-2021	19:11	84	03:11	84
				08-03-2021	18:30	84	03:11	83
				22-03-2021	19:01	85	03:02	84

2	Near Additive Ball Mill Area	5	**	10-10-2020	10:27	85	04:19	84
				22-10-2020	11:24	87	04:59	86
				09.11.2020	16:09	86	03:47	85
				24.11.2020	16:05	87	01:15	86
				11-12-2020	16:09	86	03:47	85
				25-12-2020	16:05	87	01:15	86
				10.01.2021	10:27	88	04:19	87
				24.01.2021	11:24	86	04:59	85
				08-02-2021	13:18	85	01:18	85
				23-02-2021	19:20	84	03:18	84
				08-03-2021	18:34	84	03:17	83
				22-03-2021	19:07	85	03:08	84
3	Near Main ESP	5	**	10-10-2020	10:32	89	04:17	88
				22-10-2020	11:28	90	05:02	89
				09.11.2020	16:11	90	03:50	89
				24.11.2020	16:08	89	01:20	88
				11-12-2020	16:11	90	03:50	89
				25-12-2020	16:08	89	01:20	88
				10.01.2021	10:32	89	04:17	88
				24.01.2021	11:28	90	05:02	89
				08-02-2021	13:24	87	01:24	87
				23-02-2021	19:24	86	03:24	87
				08-03-2021	18:42	88	03:22	85
				22-03-2021	19:12	87	03:14	86
4	Near Product Storage Area	5	**	10-10-2020	10:37	88	04:22	87
				22-10-2020	11:34	87	05:04	86
				09.11.2020	16:16	85	03:55	84
				24.11.2020	16:11	84	01:25	83
				11-12-2020	16:16	85	03:55	84
				25-12-2020	16:11	84	01:25	83
				10.01.2021	10:37	86	04:22	85
				24.01.2021	11:34	85	05:04	84
				08-02-2021	13:30	88	01:28	86
				23-02-2021	19:28	87	03:32	86
				08-03-2021	18:47	82	03:27	81
				22-03-2021	19:17	81	03:21	80
5	Near Indurating area	5	**	10-10-2020	10:44	88	04:28	87
				22-10-2020	11:38	89	05:10	88
				09.11.2020	16:16	87	04:01	86
				24.11.2020	16:13	88	01:38	87
				11-12-2020	16:16	87	04:01	86
				25-12-2020	16:13	88	01:38	87
				10.01.2021	10:44	88	04:28	87
				24.01.2021	11:38	89	05:10	88
				08-02-2021	13:37	85	01:34	85
				23-02-2021	19:34	85	03:41	84
				08-03-2021	18:52	82	03:31	81
				22-03-2021	19:21	82	03:25	81

6	Near Hearth Layer Area	5	**	10-10-2020	10:48	85	04:33	84
				22-10-2020	11:45	86	05:16	85
				09.11.2020	16:21	86	04:04	85
				24.11.2020	16:16	85	01:44	84
				11-12-2020	16:21	86	04:04	85
				25-12-2020	16:16	85	01:44	84
				10.01.2021	10:48	85	04:33	84
				24.01.2021	11:45	84	05:16	83
				08-02-2021	13:44	86	01:39	85
				23-02-2021	19:39	86	03:47	85
				08-03-2021	18:57	83	03:37	82
				22-03-2021	19:25	82	03:31	81

- ** 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
 Dr. Anand Rai
 General Manager (HOD-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	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



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



Checked By
Dr. Anand Rai.
General Manager (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : October, 2020

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	PM2.5	PM10	SO2	NOX	CO					
01-10-2020	17.48	56.6	17.08	26.46	1.54											19.17	93.57	35.26	18.39	1.53										
02-10-2020	14.97	43.05	16.68	30.19	1.56											21.58	96.45	35.24	13.33	1.37										
03-10-2020	18.73	49.45	16.44	34.41	1.61											27.35	71.51	35.22	19.2	1.49										
04-10-2020	18.27	44.62	17.8	36.63	1.79											21.37	56.95	35.25	17.17	1.47										
05-10-2020	14.25	28.98	16.73	34.12	1.61											19.15	50.28	35.32	15.71	1.36										
06-10-2020	17.15	31.49	16.3	37.15	1.76											28.17	65.79	35.47	18.11	1.23										
07-10-2020	14.39	53.94	15.69	27.85	0											25.34	74.78	35.46	16.43	1.12										
08-10-2020	14.69	45.62	15.14	26.12	0												54.66	35.75	20.17	1.36										
09-10-2020	33.26	47.34	16.88	49.21	2.4												75.07	35.66	27.2	1.47										
10-10-2020	33.55	59.77	16.89	27.25	2.53												93.01	35.86	30.29	1.6										
11-10-2020	12.24	34.18	15.82	32.16	1.73												39.24	35.94	24.29	1.5										
12-10-2020	28.26	49.21	16.99	39.01	2.72												52.72	35.83	27.89	1.64										
13-10-2020	31.09	68.14	16.82	42.1	2.73												51.69	35.57	24.61	1.67										
14-10-2020	25.3	57.78	16.91	44.93	2.82												62.53	35.33	28.61	1.08										
15-10-2020	13.7	25.54	17.01	43.5	2.95												14.9	35.68	26.87	1.41										
16-10-2020	23.63	74.34	17.05	44.16	2.98												34.86	35.4	20.8	1.4										
17-10-2020	37.87	95.68	20.01	54.3	2.68												90.62	35.8	20.72	1.73										
18-10-2020	21.4	78.01	17.61	40.69	2.21												8.14	37.8	70.35	2.03										
19-10-2020	15	38.14	16.85	37.5	2.25												95.24	36.12	31.12	1.6										
20-10-2020	15.95	28.72	16.57	33.44	2.16												46.05	36.11	18.52	1.87										
21-10-2020	21.77	57.31	16.73	32.39	2.25													52.2	36.06	17.42	1.98									
22-10-2020	20.93	37.01	16.65	40.62	2.29													55.05	35.72	20.05	1.79									
23-10-2020	22.88	52.72	16.73	41.63	2.35													69.98	35.64	21.6	1.75									
24-10-2020	27.15	78.79	16.64	38.58	2.39													71.82	36.21	21.11	1.88									
25-10-2020	22.77	68.7	16.81	35.51	2.48													46.6	35.7	12.2	1.41									
26-10-2020	25.56	58.91	17.23	35.76	2.75													57.43	27.23	21.17	1.62									
27-10-2020	26.69	58.02	16.79	37.38	2.39													95.65	15.97	26.95	0.91									
28-10-2020	39.18	91.16	16.9	37.49	2.63													62.2	16.45	32.62	0.35									
29-10-2020	41.62	90.9	16.94	39.23	2.67													70.8	16.52	31.2	0.51									
30-10-2020	38.02	95	16.97	40.52	2.5													89.53	16.38	22.79	0.54									
31-10-2020	37.38	86.9	17.12	45.44	2.49													92.84	16.6	30.83	0.52									
						Under Maintenance																				Under Maintenance				
						Power Supply Failure (UPS power card damaged, due to high power pickup) Now UPS under repairing																								
																					PM2.5	PM10	SO2	NOX	CO					
																					19.17	93.57	35.26	18.39	1.53					
																					21.58	96.45	35.24	13.33	1.37					
																					27.35	71.51	35.22	19.2	1.49					
																					21.37	56.95	35.25	17.17	1.47					
																					19.15	50.28	35.32	15.71	1.36					
																					28.17	65.79	35.47	18.11	1.23					
																					25.34	74.78	35.46	16.43	1.12					
																						54.66	35.75	20.17	1.36					
																						75.07	35.66	27.2	1.47					
																						93.01	35.86	30.29	1.6					
																						39.24	35.94	24.29	1.5					
																						52.72	35.83	27.89	1.64					
																						51.69	35.57	24.61	1.67					
																						62.53	35.33	28.61	1.08					
																						14.9	35.68	26.87	1.41					
																						34.86	35.4	20.8	1.4					
																						90.62	35.8	20.72	1.73					
																						8.14	37.8	70.35	2.03					
																						95.24	36.12	31.12	1.6					
																						46.05	36.11	18.52	1.87					
																						52.2	36.06	17.42	1.98					
																						55.05	35.72	20.05	1.79					
																						69.98	35.64	21.6	1.75					
																						71.82	36.21	21.11	1.88					
																						46.6	35.7	12.2	1.41					
																						57.43	27.23	21.17	1.62					
																						95.65	15.97	26.95	0.91					
																						62.2	16.45	32.62	0.35					
																						70.8	16.52	31.2	0.51					
																						89.53	16.38	22.79	0.54					
																						92.84	16.6	30.83	0.52					

Month	Day	Night
Oct-20	64	63
Standards	< 75	< 70

Prepared By

P.P. Nandusekar
Asst. Manager (Environment)

Checked By

Anand Rai
General Manager (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : November, 2020

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	PM2.5	PM10	SO2	NOX	CO	
01/11/2020	37.12	88.51	17.41	42	2.64												87.45	16.54	27.13	0.52						
02/11/2020	45.21	90.45	17.63	41.81	3.09												79.45	16.67	36.06	0.72						
03/11/2020	54.16	85.54	17.54	39.67	2.8												79.66	16.75	39.9	0.82						
04/11/2020	50.07	94.67	17.35	40.84	2.73												92.45	16.79	38.02	0.67						
05/11/2020	46.96	92.73	17.26	38.36	2.62												83.26	17.28	34.92	0.95						
06/11/2020	47.58	87.12	18.12	44.99	2.75												64.37	16.53	35.03	0.88						
07/11/2020	47.16	86.37	17.7	52.15	2.69												98.76	16.59	40.84	0.83						
08/11/2020	38.62	81.77	17.28	43.33	2.64												76.4	16.86	30.97	0.96						
09/11/2020	41.33	89.58	17.39	46.61	2.64												55.88	16.57	28.14	0.88						
10/11/2020	54.07	96.72	18.55	51.33	3.06												64.08	16.04	32.29	1.07						
11/11/2020	51.54	90.23	19.12	47.28	2.95												84.76	16.81	39.97	1.16						
12/11/2020	46.22	74.51	20.55	32.68	2.89												80.57	16.98	46.21	1.09						
13/11/2020	36.37	71.53	18.17	29.18	2.74												76.35	17.19	40.91	1.27						
14/11/2020	28.4	60.53	18.26	29.52	2.72												72.69	16.89	26.16	1.15						
15/11/2020	31.05	58.62	17.74	30.26	2.67												79.68	16.82	23.77	1.18						
16/11/2020	27.92	67.78	17.35	30.5	2.58												72	17.06	27.34	1.22						
17/11/2020	30.73	61.9	17.22	41.03	2.65												92.48	17.13	30.74	1.31						
18/11/2020	30.69	77.24	21.75	43.13	2.72												87.63	17.41	36.44	1.39						
19/11/2020	28.11	45.26	18.59	39.93	2.66												76.32	17.22	34.7	1.37						
20/11/2020	32.91	72.71	17.92	41.83	2.81												29.71	17.39	33.45	1.48						
21/11/2020	31.87	63.36	17.72	40.37	2.68												57.34	17.34	36.64	1.39						
22/11/2020	42.95	91.38	18.99	44.67	2.86												50.78	17.62	37.13	1.58						
23/11/2020	23.51	56.85	18.36	44.2	2.63												57.34	17.26	33.52	1.31						
24/11/2020	31.84	60.8	17.87	46.02	2.69												53.53	17.21	35.37	1.48						
25/11/2020	42.29	86.84	18.43	44.53	2.83												42.71	23.34	75.06	0.89						
26/11/2020	43.25	87.59	17.97	44.54	2.74												40.62	82.94	18.1	51.3	1.85					
27/11/2020	46.22	94.79	17.71	47.25	2.8												57.41	16.86	48.2	1.44						
28/11/2020	34.29	90.87	17.32	47.36	2.69												58.36	16.79	31.44	1.34						
29/11/2020	18.72	57.5	17.44	43.21	2.69												40.87	87.91	17.29	28.45	1.2					
30/11/2020	24.87	52.04	17.46	44.88	2.71												48.93	96.37	17.35	34.82	1.27					

Power Supply Failure (UPS power card damaged, due to high power pickup) Now UPS under repairing

Detector Amplifier Damaged

Under Maintenance

Under Maintenance

Under Maintenance

Prepared By
[Signature]

P.P.Nandusekar
Asst. Manager (Environment)

Checked By
[Signature]

Anand Rai
General Manager (HOD-Environment)

Month	Day Time	Night Time
Nov-20	65	64
Standards	< 75	< 70

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD,
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : December, 2020

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	PM2.5	PM10	SO2	NOX	CO	
01/12/2020	39	95.42	17.95	48.14	2.88											51.94	95.03	17.36	32.54	1.3						
02/12/2020	40.68	91.04	18.25	48.53	2.96											57.49	93.61	17.22	31.32	1.19						
03/12/2020	43.78	95.58	20.19	48.26	3.29											60.64	98.26	17.38	35.98	1.17						
04/12/2020	48.73	95.92	21.8	49.1	3.33											55.04	94.83	17.44	41.37	1.33						
05/12/2020	46.46	95.73	25.42	52.01	3.34											54.56	97.53	17.36	34.05	0.96						
06/12/2020	42.67	90.89	20.81	55.21	3.03											54	81.57	17.56	36.48	0.88						
07/12/2020	45.47	93.16	23.04	56.94	3.34											53.45	90.17	17.61	54.56	0.97						
08/12/2020	37.94	71.56	21.7	59.08	3.05											52.87	96.02	17.37	63.24	0.68						
09/12/2020	Power Supply Problem															58.48	94.2	17.24	44.35	1.13						
10/12/2020	23.79	37.45	18.75	45.99	2.8											53.2	87.99	17.38	39.77	1.13						
11/12/2020	30.05	66.1	19.42	47.49	3.05											50.14	77.87	20.05	43.98	1.48						
12/12/2020	29.55	49.23	17.91	33.48	3.06											59.77	99.69	17.9	45.58	1.37						
13/12/2020	32.82	51.63	17.7	33.91	3.05											54.68	79.83	18.76	43.6	1.44						
14/12/2020	26.59	48.62	17.59	29.36	3.12											60.85	95.22	18.09	39.81	1.36						
15/12/2020	31.1	43.63	17.47	31.95	3.12											57	92.26	18.3	49.7	1.46						
16/12/2020	36.76	53.75	17.59	34.39	3.21											45	96.56	18.14	46.25	1.32						
17/12/2020	38.93	58.49	17.73	40.76	3.3											58.47	88.47	18.09	52.93	1.32						
18/12/2020	38.72	64.54	17.25	30.29	3.26											51.7	88.99	18.28	51.1	1.36						
19/12/2020	44.69	81.19	17.03	28.94	3.28											56.54	86.88	18.32	54.32	1.45						
20/12/2020	40.28	81.99	17.13	25.76	3.11											52.93	95.17	17.56	45.5	1.27						
21/12/2020	43.12	91.64	17.55	28.7	3.16											54.16	91.05	17.65	56.85	1.29						
22/12/2020	46.39	97.18	17.76	34.31	3.44											51.71	92.32	17.62	76.46	1.38						
23/12/2020	57.89	90.41	18.6	35.56	3.72											53.16	99.32	17.39	58.93	1.37						
24/12/2020	55.95	90.09	18.3	34.73	3.57											57.92	97.42	17.81	62.11	1.45						
25/12/2020	54.09	94.06	17.95	30.5	3.75											52.35	89.71	18.07	61.15	1.53						
26/12/2020	51.73	96.85	17.77	29.93	2.23											55.44	93.18	18.02	64.42	1.53						
27/12/2020	45.18	83.49	17.51	27.02	0.92											55.8	91.1	18.5	69.6	1.56						
28/12/2020	34.74	59.18	17.2	32.01	0.74											53.14	67.15	18.35	54.9	1.2						
29/12/2020	35.49	63.37	17.03	37.64	0.87											46.37	90.78	18.67	67.97	1.54						
30/12/2020	53.27	95.16	17.77	36.17	1.41											0.22	88.89	19.04	68.36	1.78						
31/12/2020	50.88	83.6	17.42	40.73	1.27											55.88	98.23	18.48	68.7	1.74						

Under Maintenance

Local AAQM Station Computer problem for data fetching.

Under Maintenance

Prepared By

P.P.Nandusekar
Asst. Manager (Environment)

Checked By

Anand Rai
General Manager (HOD-Environment)

Month	Day	Night
Dec-20	63	62
Standards	< 75	< 70

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : January, 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
01/01/2021		43.4	81.08	17.31	39.04	1.27						53.18	87.54	18.17	41.88	1.63					
02/01/2021		38.65	76.41	17.56	36.41	1.05						58.43	94.26	18.08	51.46	1.86					
03/01/2021		41.91	65.87	17.23	35.08	1.01						57.21	83.21	18.31	52.94	2.11					
04/01/2021		41.51	64.82	17.03	35.74	0.98						54.32	84.62	18.69	49.91	2.01					
05/01/2021		52.31	76.16	17.01	34.81	1.08						54.87	63.25	18.49	48.5	1.91					
06/01/2021		55.11	79.97	16.94	38.02	1.29						51.34	74.15	18.86	49.01	2.03					
07/01/2021		Power Supply Problem										59.84	87.42	19.12	53.83	2.32					
08/01/2021												38.75	53.03	19.08	44.69	1.93					
09/01/2021		33.88	50.51	45.62	44.93	0.89						41.8	52.08	19.19	52.67	2.08					
10/01/2021		35.05	63.47	33.34	35.5	0.88						50.89	90.49	19.57	62.6	2.44					
11/01/2021		34.01	79.01	16.54	35.46	0.77						54.5	71.17	19.13	66.74	2.19					
12/01/2021		35.23	77.77	23.54	29.49	0.68						55.47	92.46	18.88	68.48	2.13					
13/01/2021		46.03	93.42	38.94	53.04	0.67						49.28	95.83	18.98	62.61	2					
14/01/2021		38.95	88.58	6.93	78.6	0.85						45.99	76.54	18.57	61.89	2.07					
15/01/2021		36.34	87.54	5.63	73.31	0.64						50.84	82.19	18.68	59.63	2.14					
16/01/2021		27.51	50.68	4.32	78.58	0.43						22.84	57.89	18.98	68.54	2.32					
17/01/2021		39.35	87.06	5.43	71.16	0.74						36.45	68.02	18.89	63.46	1.98					
18/01/2021		25.47	45.56	4.05	74.57	0.42						40.44	43.91	18.61	43.84	1.96					
19/01/2021		32.91	66.87	6.38	78.01	0.52						57.65	68.21	18.73	72.67	2.36					
20/01/2021		36.02	83.64	8.75	77.8	0.52						45.66	88.43	18.69	65.53	2.15					
21/01/2021		37.2	65.31	14	74.54	0.57						47.79	93.64	18.36	70.76	2.3					
22/01/2021		55.6	95.63	21.06	63.54	0.84						46.89	90.21	18.42	64.55	2.32					
23/01/2021		52.37	98.75	17.64	70.4	0.74						57.43	89.63	18.95	61.66	2.36					
24/01/2021		32.01	58.67	9.37	37.91	0.64						54.82	79.68	19.02	63.24	2.27					
25/01/2021		31.52	68.58	5.28	39.17	0.66						56.19	78.42	18.9	60.4	2.22					
26/01/2021		41.44	93.56	4.54	43.2	0.79						58.63	90.48	18.71	54.3	2.34					
27/01/2021		44.13	97.64	9.03	39.83	0.8						55.32	98.76	18.65	52.73	2.22					
28/01/2021		43.49	96.56	14.4	43.4	0.84						49.87	94.61	19.05	61.81	2.35					
29/01/2021		39.62	71.99	12.81	40.61	0.77						53.24	86.34	19.23	66.21	2.49					
30/01/2021		46.12	89.73	12.32	42.47	0.99						55.05	93.57	19.05	62.76	2.33					
31/01/2021		39.78	82.86	12.05	43.09	0.87						59.42	87.46	19.08	62.32	2.44					

Month	Day	Night
Jan-21	66	65
Standards	< 75	< 70

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

Checked By 
Anand Rai
General Manager (HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : February, 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	PM2.5	PM10	SO2	NOX	CO				
01-02-2021		22.17	79.9	11.91	47.88	0.91						40.14	87.51				54.21	95.63	18.98	70.37	2.38									
02-02-2021		36.32	84.51	11.82	38.6	0.8						34.04	80.25				59.58	98.73	18.9	67.57	2.28									
03-02-2021		47.45	99.18	12.24	45.58	0.82						52.31	95.62				57.61	91.24	18.75	63.36	2.3									
04-02-2021		39.81	82.05	12.29	56.33	0.76						42.67	90.48				56.9	95.63	19.2	69.36	2.4									
05-02-2021		36.76	78.33	11.84	54.5	0.71						47.36	86.35				58.02	87.59	19.1	71.08	2.42									
06-02-2021		31.93	85.1	11.5	49.34	0.74						53.95	93.54				37.72	84.74	18.8	59.14	2.33									
07-02-2021		32.77	81.51	11.26	37.66	0.78						40.23	98.72				48.6	93.8	19.21	59.93	2.42									
08-02-2021		31.01	92.57	11.5	38.34	0.9						39.54	80.76				32.97	96.13	18.85	52.92	2.24									
09-02-2021		36.08	94.8	11.55	38.71	0.92						37.6	89.35				52.53	96.34	18.78	58.88	2.3									
10-02-2021		47.23	93.46	11.72	38.6	1.1						53.69	98.54				47.89	92.96	19	62.14	2.45									
11-02-2021		47.15	90.87	11.63	37.84	1.07						40.21	53.48				34.4	84.75	19.17	67.55	2.47									
12-02-2021		46.76	89.73	12.74	35.43	1.19						48.68	84.88				17.39	86.32	19.16	66.65	2.4									
13-02-2021		31.46	65.47	11.6	30.73	0.75						53.22	82.15				45.07	87.65	19.04	53.3	2.61									
14-02-2021		27.24	45.36	11.16	28.85	0.74						42.58	78.31				49.8	76.85	19.39	48.15	2.52									
15-02-2021		29.75	78.15	11.33	31.35	0.77						30.84	69.28				39.81	72.69	19.52	52.38	2.4									
16-02-2021		22.51	46.16	11.05	28.44	0.68						27.37	65.54				32.03	62.74	19.37	43.16	2.34									
17-02-2021		24.68	50.41	11.05	33.88	0.64						46.85	72.08				39.04	68.03	19.59	47.65	2.37									
18-02-2021		38.38	94.82	11.91	36.85	1.01						39.85	51.68				43.3	87.56	19.65	50.16	2.43									
19-02-2021		32.8	72.43	12.23	33.66	0.84						35.12	38.52				30.18	66.45	19.44	45.29	2.2									
20-02-2021		30.31	90.17	11.61	34.45	0.69						41.23	49.28				26.68	33.01	19.5	48.89	2.21									
21-02-2021		28.47	89.31	11.31	32.12	0.71						37.68	51.93				39.18	88.74	19.45	43.15	1.78									
22-02-2021		28.57	77.89	11.59	30.36	0.79						32.02	47.57				26.07	93.65	19.29	52.96	1.56									
23-02-2021		33.29	87.07	11.37	37.97	0.94						40.93	53.28				31.27	78.45	19.5	53.07	1.64									
24-02-2021		43.28	99.74	11.62	35.53	1.04						56.34	76.54				54.87	91.24	19.81	67.51	1.59									
25-02-2021		51.76	87.63	11.72	43.02	1.07						42.71	83.21				50.79	72.51	19.8	57.44	1.55									
26-02-2021		Power Supply problem															44.5	78.37	19.74	53.6	2.11									
27-02-2021		11.88	85.19	11.58	31.64	0.91						38.56	79.22				50.04	86.34	20.04	78.22	2.7									
28-02-2021		25.02	58	11.04	25.59	0.95						49.51	95.05				53.47	90.82	20.16	66.15	1.72									

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

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

Checked By
Anand Rai
Anand Rai
General Manager (HOD-Environment)

Under Maintenance

Under Maintenance

Under Maintenance

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasurata Temple						Near Coke oven plant						Near MSEB Substation						Near Goa Gate						Near Dohi 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	PM2.5	PM10	SO2	NOX	CO
01-03-2021		34	82.18	11.04	15.61	10.45						45.51	97.84				54.04	87.54	20.27	70.19	1.82										
02-03-2021		40.92	92.34	12.52	17.74	12.47						51.21	90.58				50.94	86.59	20.08	67.51	1.81										
03-03-2021		34.78	80.9	11.35	17.29	12.41						50.87	87.64				56.90	90.87	20.30	71.58	1.85										
04-03-2021		37.29	78.64	11.85	26.31	17.77						41.71	80.59				54.21	93.68	20.25	78.00	1.91										
05-03-2021		45.65	96.58	11.93	18.38	13.6						54.63	86.95				58.67	98.75	19.94	62.04	2.07										
06-03-2021		46.02	90.45	15.84	16.93	12.85						47.61	97.48				50.79	93.70	19.83	54.81	1.83										
07-03-2021		24.33	73.18	12.6	21.51	13.96						58.97	99.58				37.06	87.45	20.01	48.62	1.67										
08-03-2021		22.55	50.93	11.85	17.78	11.64						40.56	90.04				40.87	63.25	20.37	56.96	1.75										
09-03-2021		29.48	94.08	11.61	18.37	12.08						38.97	94.61				41.39	81.19	20.37	64.90	1.82										
10-03-2021		47.6	86.57	12.05	18.75	12.89						39.51	94.51				38.87	83.99	20.14	56.01	1.74										
11-03-2021		23.25	56.27	11.39	17.1	10.33						46.82	90.96				38.99	78.42	20.52	64.48	1.78										
12-03-2021		24.92	67.99	11.39	19.91	12.15						50.48	89.31				23.02	84.73	20.25	57.21	1.75										
13-03-2021		32.1	81.61	11.32	20.81	14.18						53.26	87.49				30.80	95.64	20.60	77.43	1.88										
14-03-2021		38.52	91.07	11.36	16.06	10.67						54.87	93.65				30.26	92.78	20.57	78.25	1.97										
15-03-2021		27.06	87.32	12.35	23.78	15.86						46.20	98.12				47.06	93.80	20.41	61.33	1.90										
16-03-2021		22.31	76.34	11.72	27.43	19.49						47.80	87.54				48.50	93.68	20.58	76.86	1.85										
17-03-2021		32.65	85.72	11.12	20.34	13.95						54.87	82.68				37.13	84.57	20.70	73.54	1.88										
18-03-2021		24.8	98.13	11.23	18.2	11.61						36.54	97.26	16.54			49.72	89.65	20.19	66.83	1.90										
19-03-2021		12.68	88.47	11.38	24.72	14.73						40.97	86.54	8.47			38.40	87.53	20.48	55.23	1.76										
20-03-2021		22.65	96.97	11.31	18.31	10.77						57.48	92.51	13.58			32.69	85.66	20.45	49.60	1.72										
21-03-2021		26.09	70.89	11.44	17.97	11						41.41	89.58	16.48			33.72	98.10	20.49	54.92	2.01										
22-03-2021		32.02	80.06	11.63	15.85	11.21						53.21	78.64	16.74			37.85	82.33	20.23	50.97	1.93										
23-03-2021		30.51	78.01	11.37	17.89	11.7						58.91	87.45	17.46			40.14	93.38	20.66	61.20	2.05										
24-03-2021		42.58	94.71	11.36	20.79	14.53						53.48	86.54	16.11			55.03	97.51	20.89	70.49	2.16										
25-03-2021		42.22	98.51	11.32	22.68	16.52						42.89	93.21	15.37			47.86	87.56	20.86	70.28	2.11										
26-03-2021		43.77	87.68	11.29	24.62	18.03						47.86	87.46	15.68			32.77	93.68	20.85	76.51	2.28										
27-03-2021		50.89	91.68	11.22	23.56	17.23											59.20	91.46	20.74	76.26	2.46										
28-03-2021		59.84	83.12	11.54	21.36	14.95											46.29	87.45	20.15	51.59	2.39										
29-03-2021		28.31	64.17	11.25	18.39	10.79											40.30	68.42	20.26	27.16	2.34										
30-03-2021		24.36	97.46	11.9	31.76	18.18											27.12	59.77	20.31	35.74	1.98										
31-03-2021		16.8	61.55	11.27	24.45	14.24						58.13	61.07	16.32			19.83	49.78	20.21	42.89	1.91										
Month	Day	Night	Time	Time	Time																										
Mar-21	66	65																													
Standards	< 75	< 75	< 70																												

Material received at site. Installation under progress

Spare parts under procurement

Pump Damaged

Material received at site. Installation under progress

Shifting of existing PDB board to new PDB board

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

Checked By
Dr. Anand Rai
General Manager(HOD Environment)