

April 25, 2022

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, 2021 to March 2022.

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

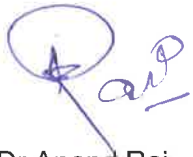
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of October, 2021 to March 2022 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.

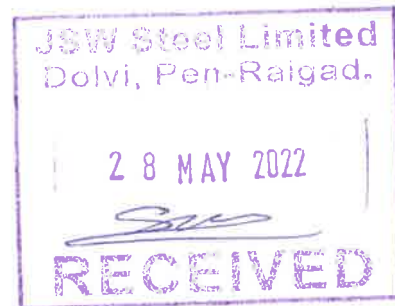
This is for your information & record please.

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, New Mumbai

**Regd. Office: JSW Centre,
Bandra Kurla Complex,
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	Coke Oven Plant											
	Plant Capacity: 1.0 MTPA											
1	Coke Oven Battery A & B	Coke Oven Battery A & B	145	4.50	Natural Draft	15/10/2021 12:40Hrs	2855.0	7.0	45.0	131.0	166.0	189.0
						08/11/2021 16:40Hrs	2529.0	6.5	48.5	101.0	126.2	120.5
						17/12/2021 17:05Hrs	2442.0	7.0	47.0	125.0	142.0	120.5
						14/01/2022 12:00Hrs	2646.0	7.8	45.0	121.0	136.0	146.0
						12/02/2022 12:05 Hrs	2701.0	7.5	47.0	126.0	131.0	143.0
						19/03/2022 12:20 Hrs	2644.0	8.0	46.5	112.0	102.0	132.0
2	Ground De-dusting system	Coke Oven Battery A & B	31	2.50	Bag Filters	15/10/2021 09:55Hrs	2855.0	8.0	11.0	NA	NA	NA
						08/11/2021 09:55Hrs	2529.0	8.2	12.6	NA	NA	NA
						17/12/2021 09:55Hrs	2442.0	8.0	10.0	NA	NA	NA
						14/01/2022 09:55Hrs	2646.0	6.5	9.0	NA	NA	NA
						12/02/2022 09:50 Hrs	2701.0	7.0	10.0	NA	NA	NA
						19/03/2022 09:55 Hrs	2644.0	6.2	9.8	NA	NA	NA
3	Boiler	WHRB Boiler	40	2.00	-	21/10/2021 11:50Hrs	19.6	10.0	21.0	76.0	88.0	92.0
						22/11/2021 11:50Hrs	18.2	9.8	24.5	46.0	98.0	90.2
						14/12/2021 10:10Hrs	17.5	15.0	21.0	128.0	147.0	134.0
						14/01/2022 10:40Hrs	15.1	14.5	18.0	112.0	128.0	142.0
						01/02/2022 16:08Hrs	17.5	14.5	18.0	84.0	31.0	68.0
						15/03/2022 14:18Hrs	14.9	12.0	18.0	66.0	45.0	58.0
							CPCB Norms					
							< 50					
							<800					
							< 500					
							NA					

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

Checked By
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	NOx	CO
3	Main ESP	Induration Furnace	100	6.25	ESP	07/10/2021 10:25Hrs	10337.0	8.0	27.0	94.47	15.88	25.40
						30/11/2021 11:00Hrs	9718.0	7.3	6.4	0.19	2.30	5.59
						04/12/2021 16:00Hrs	10903.0	7.8	10.5	2.05	7.38	12.35
						19/01/2022 16:15Hrs	9928.0	7.6	24.1	43.11	37.67	28.00
						19/02/2022 11:28Hrs	10739.0	8.5	28.0	86.00	48.00	55.00
						12/03/2022 14:25Hrs	10800.0	9.5	22.0	55.00	42.00	62.00
4	Dedusting 7	Hearth Layer	30.5	1.35	Bag Filters	05/10/2021 14:45Hrs	7952.0	6.0	33.0	NA	NA	NA
						12/11/2021 10:45Hrs	10654.0	7.0	34.0	NA	NA	NA
						15/12/2021 14:15Hrs	10561.0	8.0	32.0	NA	NA	NA
						04/01/2022 14:05Hrs	11101.0	8.1	30.0	NA	NA	NA
						09/02/2022 14:10 Hrs	9085.0	6.5	33.0	NA	NA	NA
						12/03/2022 16:22Hrs	10800.0	6.2	27.0	NA	NA	NA
5	Dedusting 8	Final Product Silo	30.5	2	Bag Filters	07/10/2021 14:50Hrs	10337.0	7.0	36.0	NA	NA	NA
						12/11/2021 12:25Hrs	10654.0	8.0	39.5	NA	NA	NA
						15/12/2021 15:45Hrs	10561.0	7.2	29.0	NA	NA	NA
						24/01/2022 14:15Hrs	8363.0	7.6	35.0	NA	NA	NA
						09/02/2022 15:40 Hrs	9085.0	6.8	36.0	NA	NA	NA
						23/03/2022 15:10Hrs	12054.0	7.2	31.0	NA	NA	NA
6	Dedusting 9	Final Product Silo	30.5	0.69	Bag Filters	07/10/2021 16:20Hrs	10337.0	6.0	25.0	NA	NA	NA
						12/11/2021 15:38Hrs	9718.0	6.0	25.0	NA	NA	NA
						15/12/2021 17:00Hrs	10561.0	7.1	24.0	NA	NA	NA
						24/01/2022 16:25Hrs	8363.0	6.0	25.0	NA	NA	NA
						09/02/2022 17:10 Hrs	9085.0	5.4	15.0	NA	NA	NA
						23/03/2022 16:50Hrs	12054.0	6.1	18.0	NA	NA	NA
CPCB Norms							< 150	<100	< 500	< 1		



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Associate Vice President (HOD-Environment)

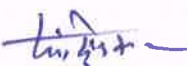


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b) FUGITIVE EMISSION STATUS:

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	20/10/2021	1285.6	9.2	27.75
		23/11/2021	1465.0	9.5	29.29
		24/12/2021	1560.0	9.2	30.06
		19/01/2022	1875.8	10.0	30.06
		22/2/2022	2026.9	9.7	32.38
		23/03/2022	2536.0	7.6	24.05
2	Near Secondary Coal Crusher Area	20/10/2021	1654.2	6.1	19.19
		23/11/2021	1891.7	6.3	19.87
		24/12/2021	1965.9	6.1	18.50
		19/01/2022	1446.4	6.1	19.19
		22/2/2022	1751.5	5.8	18.50
		23/03/2022	1868.0	7.6	27.75
3	Near Coke Oven Battery A Warf Area	20/10/2021	1724.2	6.8	25.35
		23/11/2021	2078.6	6.8	23.98
		24/12/2021	2189.0	6.5	24.67
		19/01/2022	1648.7	7.2	25.35
		22/02/2022	2479.5	7.7	26.72
		23/03/2022	2319.9	8.6	17.81
4	Near Coke Oven Battery B Warf Area	21/10/2021	1079.7	4.4	23.43
		23/11/2021	1812.1	4.6	24.05
		27/12/2021	1968.8	5.0	22.82
		19/01/2022	1841.3	4.8	23.43
		22/02/2022	2105.9	5.0	21.58
		23/03/2022	2455.5	9.1	25.35
5	Near Coke Cutter Area	21/10/2021	1180.5	5.5	17.27
		24/11/2021	1570.1	4.8	19.12
		27/12/2021	1572.0	5.7	19.73
		20/01/2022	1743.9	6.1	19.73
		23/02/2022	2373.7	5.9	20.35
		24/03/2022	2744.3	7.4	23.43
6	Near Coke Screening Area	21/10/2021	1351.3	5.5	20.35
		24/11/2021	1280.4	5.9	21.58
		27/12/2021	1151.5	6.1	22.20
		20/01/2022	2066.3	5.7	22.20
		23/02/2022	2085.6	5.5	22.82
		24/03/2022	2235.2	7.6	25.90
7	Near Sulphur Recovery Area	22/10/2021	992.8	6.5	21.58
		24/11/2021	727.9	6.7	22.20
		27/12/2021	1103.1	6.9	22.82
		20/01/2022	1240.9	6.9	23.43
		23/02/2022	1457.4	7.4	24.05
		24/03/2022	1590.2	8.6	26.52
B Pellet Plant					
	CPCB Norms (µg/m3)		3000	200	150
1	Near Mixer Building Area	25/10/2021	1204.0	6.7	24.05
		29/11/2021	1240.2	6.9	20.97
		22/12/2021	1323.5	7.4	21.58
		21/01/2022	1447.7	7.1	22.20
		23/02/2022	1741.5	7.4	22.82
		22/03/2022	2525.0	8.4	33.92
2	Near Bentonite Storage Area	25/10/2021	1775.6	6.8	26.98
		29/11/2021	1640.7	7.1	27.75
		22/12/2021	1638.8	6.8	28.52
		21/01/2022	1703.8	7.6	28.52
		25/02/2022	1348.9	7.4	29.29
		22/03/2022	2159.7	6.1	19.87

3	Near Additive Ball Mill Area	25/10/2021	1456.5	6.8	17.81
		29/11/2021	1521.7	7.7	16.44
		23/12/2021	1574.6	7.9	17.81
		21/01/2022	1403.6	8.2	17.81
		25/02/2022	1640.6	8.4	17.13
		22/03/2022	1897.6	7.9	28.78
4	Near Ball Mill Area	26/10/2021	1688.26	6.07	22.61
		27/11/2021	1639.96	6.31	23.98
		23/12/2021	1893.56	6.54	23.30
		21/01/2022	1587.50	6.77	25.35
		24/02/2022	1991.10	6.54	26.04
		22/03/2022	2074.44	5.25	22.82
5	Near Indurating Machine	26/10/2021	1648.7	7.4	19.12
		27/11/2021	1825.6	7.1	20.97
		23/12/2021	1728.1	5.7	22.20
		24/01/2022	1987.8	7.4	21.58
		24/02/2022	2219.8	7.1	22.20
		22/03/2022	2198.7	6.1	22.20
6	Near Hearth Layer Area	26/10/2021	1764.0	6.5	22.82
		27/11/2021	2201.7	6.7	23.43
		23/12/2021	2120.3	6.9	24.05
		24/01/2022	1934.7	6.9	24.05
		24/02/2022	2701.7	7.4	24.05
		22/03/2022	2947.9	5.7	24.05
7	Near Product Storage Area	26/10/2021	2286.5	7.6	22.20
		27/11/2021	2341.0	7.8	21.58
		24/12/2021	2639.0	8.2	22.82
		24/01/2022	1993.3	8.0	22.20
		24/02/2022	2798.8	8.2	25.28
		22/03/2022	2122.9	7.8	25.28



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Deputy Manager (Environment)



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Associate Vice President (HOD-Environment)

C. WATER POLLUTION STATUS:

Water Consumption/tonne of product produced :

Water Consumption / MT of Coke Produced : 2.1175 M³/MT, from October, 2021 to March, 2022 (For COP only).

Water Consumption / MT of Pellet Produced : 0.1491 M³/MT, October, 2021 to March, 2022 (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 October, 2021 to March, 2022	COBP Effluent	BOD Plant - oil separation pool and air floatation pool, anaerobic pool, anoxia pool, aerobic pool and contact oxidation pool, Activated Carbon, Pressure Sand Filter	107.31 m³/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.
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 of	Quantity of the Effluent	Parameters (mg/l, except pH & Temp.)					Remark
			Temp. (° C)	pH	TSS	BOD	COD	
From October, 2021 to March, 2022	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 October., 2021 to March, 2022	Method of reuse / disposal
1	Coke Oven Plant	Coke Breeze, Coke & Coal Dust	8591.0	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	13530	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
		16.6	Impure Sulphur Paste (Category No. 13.6)	M/s. Mumbai Waste Management Ltd. (MWML), Talaja, Raigad
		37.12	Decanter Sludge (Category No. 13.4)	100 % Reused in Coke Oven process
		263 kg	Waste /residu containing Oil (oil Soack Cotton) (Category No. 5.2)	disposed in HSM furnace.
		Nil	Used oil (Category No. 5.1)	NA
2	Pellet Plant	540 KG	Waste /residu containing Oil (oil Soack Cotton) (Category No. 5.2)	Disposed in HSM furnace.

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Deputy Manager (Environment)

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

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	**	07-10-2021	11:46	87	02:10	86
				23-10-2021	13:21	86	04:25	85
				07-11-2021	14:19	85	01:10	84
				22-11-2021	19:20	84	05:25	83
				07-12-2021	16:17	89	01:11	88
				19-12-2021	20:20	86	02:26	85
				10-01-2022	16:23	90	01:18	89
				23-01-2022	20:26	89	02:32	86
				10-02-2022	11:46	89	02:11	88
				23-02-2022	13:21	88	02:11	87
				08-03-2022	14:19	85	01:10	84
				23-03-2022	19:20	84	05:25	83
2	Near Coke Oven -Battery Coke side	5	**	07-10-2021	11:48	86	02:14	84
				23-10-2021	13:28	85	04:28	85
				07-11-2021	14:21	87	01:14	86
				22-11-2021	19:23	85	05:28	84
				07-12-2021	16:16	87	01:15	86
				19-12-2021	20:22	86	02:29	85
				10-01-2022	16:27	88	01:21	87
				23-01-2022	20:29	85	02:35	85
				10-02-2022	11:48	87	02:17	86
				23-02-2022	13:28	86	02:17	85
				08-03-2022	14:21	87	01:14	86
				23-03-2022	19:23	85	05:28	84
3	Near Coke cutter/coke screening area	5	**	07-10-2021	11:52	85	04:17	84
				23-10-2021	13:31	86	04:32	85
				07-11-2021	14:23	86	01:17	85
				22-11-2021	19:26	87	05:32	86
				07-12-2021	16:23	85	01:18	85
				19-12-2021	20:26	86	02:32	85
				10-01-2022	16:31	86	01:26	86
				23-01-2022	20:33	85	02:39	84
				10-02-2022	11:52	87	02:22	87
				23-02-2022	13:31	85	02:22	86
				08-03-2022	14:23	86	01:17	85
				23-03-2022	19:26	87	05:32	86
4	Near BOD Plant area	5	**	07-10-2021	11:56	85	02:21	84
				23-10-2021	13:36	86	04:35	85
				07-11-2021	14:27	84	01:21	83
				22-11-2021	19:29	83	05:35	82
				07-12-2021	16:27	85	01:21	84
				19-12-2021	20:29	85	02:35	84
				10-01-2022	16:35	84	01:31	86
				23-01-2022	20:37	83	02:42	85
				10-02-2022	11:56	86	02:28	85
				23-02-2022	13:36	85	02:27	84
				08-03-2022	14:27	84	01:21	83
				23-03-2022	19:29	83	05:35	82

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Checked By
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Associate Vice President (HOD-Environment)

5	Near Coke Oven Main office Area	5	**	07-10-2021	11:59	85	02:26	84
				23-10-2021	13:39	86	04:39	85
				07-11-2021	14:31	82	01:26	81
				22-11-2021	19:33	81	05:39	80
				07-12-2021	16:31	84	01:26	82
				19-12-2021	20:33	83	02:39	82
				10-01-2022	16:39	85	01:35	84
				23-01-2022	20:41	84	02:46	83
				10-02-2022	11:59	83	02:34	83
				23-02-2022	13:39	82	02:32	82
				08-03-2022	14:31	82	01:26	81
				23-03-2022	19:33	81	05:39	80
6	Near Coal blending Area	5	**	07-10-2021	12:06	84	02:31	83
				23-10-2021	13:45	89	04:42	87
				07-11-2021	14:35	86	01:31	85
				22-11-2021	19:37	87	05:42	86
				07-12-2021	16:35	86	01:31	84
				19-12-2021	20:37	86	02:42	85
				10-01-2022	16:41	87	01:37	85
				23-01-2022	20:43	87	02:49	84
				10-02-2022	12:06	89	02:39	86
				23-02-2022	13:45	88	02:38	84
				08-03-2022	14:35	86	01:31	85
				23-03-2022	19:37	87	05:42	86
7	Near Ammonia scrubber Area	5	**	07-10-2021	12:09	88	02:35	86
				23-10-2021	13:48	86	04:46	85
				07-11-2021	14:39	88	01:35	87
				22-11-2021	19:41	89	05:46	88
				07-12-2021	16:39	88	01:35	87
				19-12-2021	20:41	87	02:46	86
				10-01-2022	16:44	87	01:40	88
				23-01-2022	20:48	86	02:52	87
				10-02-2022	12:09	86	02:44	87
				23-02-2022	13:48	85	02:42	85
				08-03-2022	14:39	88	01:35	87
				23-03-2022	19:41	89	05:46	88
8	Near Secondary Crusher Area	5	**	07-10-2021	12:14	85	02:37	84
				23-10-2021	13:52	84	04:49	83
				07-11-2021	14:41	85	01:37	84
				22-11-2021	19:43	86	05:49	85
				07-12-2021	16:41	85	01:37	84
				19-12-2021	20:43	83	02:49	82
				10-01-2022	16:48	86	01:43	85
				23-01-2022	20:52	84	02:56	83
				10-02-2022	12:14	87	02:09	87
				23-02-2022	13:52	86	02:47	85
				08-03-2022	14:41	85	01:37	84
				23-03-2022	19:43	86	05:49	85
B. Pellet Plant								
1	Near Ball Mill Area	5	**	07-10-2021	16:08	89	03:45	88
				23-10-2021	16:04	87	01:13	85
				08-11-2021	17:21	89	02:11	89
				23-11-2021	21:33	88	03:40	88
				07-12-2021	16:09	88	00:13	87
				19-12-2021	16:04	87	01:45	86
				10-01-2022	17:21	89	02:11	89
				23-01-2022	21:33	88	03:40	88
				10-02-2022	13:10	87	03:45	86
				23-02-2022	19:11	88	01:13	87
				08-03-2022	17:21	89	02:11	89
				23-03-2022	21:33	88	03:40	88

2	Near Additive Ball Mill Area	5	**	07-10-2021	16:09	86	03:47	86
				23-10-2021	16:05	86	01:15	85
				08-11-2021	17:24	87	02:13	87
				23-11-2021	21:37	86	03:43	86
				07-12-2021	16:11	87	00:16	86
				19-12-2021	16:07	86	01:47	85
				10-01-2022	17:24	87	02:13	87
				23-01-2022	21:37	86	03:43	86
				10-02-2022	13:18	87	03:47	86
				23-02-2022	19:20	86	01:15	85
				08-03-2022	17:24	87	02:13	87
				23-03-2022	21:37	86	03:43	86
3	Near Main ESP	5	**	07-10-2021	16:11	90	03:50	88
				23-10-2021	16:08	88	01:20	88
				08-11-2021	17:28	86	02:17	85
				23-11-2021	21:41	84	03:48	87
				07-12-2021	16:14	85	00:13	84
				19-12-2021	16:09	87	01:50	86
				10-01-2022	17:28	86	02:17	85
				23-01-2022	21:41	84	03:48	87
				10-02-2022	13:24	90	03:50	89
				23-02-2022	19:24	89	01:20	88
				08-03-2022	17:28	86	02:17	85
				23-03-2022	21:41	84	03:48	87
4	Near Product Storage Area	5	**	07-10-2021	16:16	87	03:55	86
				23-10-2021	16:11	89	01:25	87
				08-11-2021	17:33	86	02:21	85
				23-11-2021	21:44	85	03:51	84
				07-12-2021	16:17	87	00:25	86
				19-12-2021	16:12	86	01:55	85
				10-01-2022	17:33	86	02:21	85
				23-01-2022	21:44	85	03:51	84
				10-02-2022	13:30	87	03:55	86
				23-02-2022	19:28	86	01:25	85
				08-03-2022	17:33	86	02:21	85
				23-03-2022	21:44	85	03:51	84
5	Near Indurating area	5	**	07-10-2021	16:16	89	04:01	87
				23-10-2021	16:13	87	01:38	86
				08-11-2021	17:37	86	02:25	86
				23-11-2021	21:48	85	03:54	85
				07-12-2021	16:19	85	02:38	84
				19-12-2021	16:16	88	03:00	87
				10-01-2022	17:37	86	02:25	86
				23-01-2022	21:48	85	03:54	85
				10-02-2022	13:37	89	04:01	88
				23-02-2022	19:34	88	01:38	87
				08-03-2022	17:37	86	02:25	86
				23-03-2022	21:48	85	03:54	85

6	Near Hearth Layer Area	5	**	07-10-2021	16:21	88	04:04	86
				23-10-2021	16:16	86	01:44	84
				08-11-2021	17:41	88	02:29	89
				23-11-2021	21:45	86	03:58	88
				07-12-2021	16:22	89	02:44	88
				19-12-2021	16:19	87	03:04	86
				10-01-2022	17:41	88	02:29	89
				23-01-2022	21:45	86	03:58	88
				10-02-2022	13:44	87	04:04	86
				23-02-2022	19:39	85	01:44	84
				08-03-2022	17:41	88	02:29	89
				23-03-2022	21:45	86	03:58	88

- ** 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


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


 Checked By
 Dr. Anand Rai
 Associate Vice President (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	30-09-2022



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 : October, 2021

Location	Near Kasumata Temple				Near Coke Oven Plant				Near MSBB 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
01-10-2021	23.88	50.37	16.1	69.46	1.12	18.32	58.37	2.47	6.9	0.24	17.76	86.9	8.76	31.36	1.56					
02-10-2021	16.33	40.07	14.9	58.99	1.06	34.57	97.91	2.62	9.29	0.38	20.47	72.83	8.89	32.13	1.58					
03-10-2021	28.65	46.07	15.17	65.73	1.24	48.14	84.21	2.44	7.23	0.46	28.7	75.64	8.84	26.07	1.67					
04-10-2021	41.09	87.15	15.86	59.09	1.37	56.21	82.69	3.05	1.78	0.44	27.65	97.89	8.45	20.52	1.63					
05-10-2021	17.83	47.39	15.89	58.66	1.15	42.26	75.61	2.46	2	0.43	20.95	65.18	7.7	28.22	1.63					
06-10-2021	14.37	32.66	18.19	60.96	1.18	59.27	63.58	2.44	1.96	0.55	20.22	51.96	9.03	31.55	1.68					
07-10-2021	17.26	41.52	19.76	59.01	1.15	44.68	74.12	2.15	1.97	0.67	22.68	87.87	9.12	32.18	1.71					
08-10-2021	30.6	65.24	20.88	61.6	1.29	28.11	69.54	2.17	2.01	0.29	15.41	67.9	9.09	24.7	1.69					
09-10-2021	20.01	50.37	20.65	61.3	1.29	16.12	87.59	2.1	2.01	0.25	11.22	68.68	9.04	22.91	1.68					
10-10-2021	25.37	50.05	15.13	66.2	1.29	15.49	92.54	2.07	2.06	0.28	10.43	42.09	9.07	22.72	1.63					
11-10-2021	20.11	46.03	14.67	61.09	1.34	35.24		2.25	2.03	0.35	15.65	42.37	9.17	22.06	1.64					
12-10-2021	23.67	80.84	14.5	62.36	1.26	55.33		2.58	2.02	0.41	22.57	71.42	9.22	24.99	1.7					
13-10-2021	24.35	60.25	14.39	63.8	1.36	36.54		1.22	2.02	0.73	46.47	87.45	9.35	37.93	1.84					
14-10-2021	37.38	79.54	14.39	64.21	1.37	43.25		1.61	1.99	0.72	45.74	95.68	9.31	30.74	1.86					
15-10-2021	24.59	85.42	14.32	66.72	1.24	36.91		2.3	1.99	0.6	39.96	90.57	9.38	27.74	1.79					
16-10-2021	23.77	83.29	14.22	63.31	1.25	53.28		2.71	2.04	0.51	36.89	78.63	9.38	26.57	1.76					
17-10-2021	37.95	71.92	14.61	62.51	1.47	48.97		2.81	2.03	0.56	48	81.26	9.58	37.26	1.95					
18-10-2021	56.75	89.49	20.59	61.68	1.92	41.26		2.5	2.04	0.34	28.16	91.63	9.42	30.56	1.78					
19-10-2021	39.14	73.88	17.72	67.25	1.44	51.68		2.36	2.1	0.3	55.13	94.08	9.52	29.76	1.7					
20-10-2021	20.66	43.07	15.15	64.27	1.17	58.79		2.8	2.04	0.42	27.92	95.6	9.68	35.85	1.73					
21-10-2021	19.59	51.68	14.7	61.04	1.29	54.87		2.82	2.01	0.43	45.13	82.45	9.83	57.85	1.83					
22-10-2021	24.12	56.27	14.49	56.92	1.3	43.65		2.76	1.97	0.6	37.26	87.68	9.76	34.26	1.78					
23-10-2021	25.39	46.14	14.49	56.02	1.27	48.91		2.59	1.97	0.5	33.59	74.88	9.76	31.73	1.76					
24-10-2021	15.12	29.74	14.41	53.79	1.18	46.57		2.12	1.99	0.38	23.57	69.01	9.73	25.84	1.73					
25-10-2021	12.31	24.39	14.38	56.07	1.15	54.89		3.34	2.01	0.33	13.67	45.6	9.8	28.84	1.7	20.1	58.15	4.76	3.51	0.93
26-10-2021	24.1	51.54	14.35	60.8	1.27	32.15		3.21	2.07	0.52	36.84	97.74	10.06	49.01	1.82	34.72	95.78	4.3	0.51	0.44
27-10-2021	43.11	95.64	14.36	59.91	1.38	28.97		4.5	2.05	0.74	36.19	87.59	9.99	42.17	1.81	46.12	89.57	4.29	0.28	0.5
28-10-2021	47.9	92.48	14.61	62.97	1.46	39.56		4.48	1.99	0.74	43.2	99.15	9.95	45.67	1.82	45.48	92.63	4.27	7.07	0.56
29-10-2021	22.03	89.43	14.39	57.59	1.32	41.75		6.06	2.04	0.79	44.91	79.64	10.11	68.05	1.82	42.18	95.74	3.6	12.57	0.5
30-10-2021	26.98	94.85	14.49	57.08	1.36	28.76		5.86	2.01	0.8	32.62	83.26	9.97	60	1.85	40.86	89.43	4.2	11.53	0.55
31-10-2021	25.35	59.1	14.45	55.22	1.5	35.64		2.72	2.02	0.67	53.48	88.57	10.02	53.4	2.04	57.42	96.38	3.42	17.84	0.64

Internet Connectivity Problem

MIB Board and display Assembly submitted for repairing

Power Failure

Under Maintenance

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

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

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

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

MONTH : November, 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
01-11-2021		36.51	78.68	14.55	57.27	1.67	35.64		2.94	1.92	0.8						59.77	86.64	10.08	47.87	2.04	54.88	89.67	3.68	13	0.73
02-11-2021		41.17	84.61	14.54	58.47	1.62	41.57		2.87	1.94	0.89						51.24	92.57	10.06	49.47	2	39.56	93.67	3.43	15	0.73
03-11-2021		35.06	91.06	14.39	53.57	1.51	40.68		2.61	2.03	0.63						35.68	83.24	10.3	59.36	1.92	58.89	80.49	3.81	3.1	0.72
04-11-2021		40.72	72.29	14.47	51.97	1.56	32.19		2.42	1.98	0.71						56.84	87.62	10.2	40.75	2.01	53.67	90.75	4.04	13	0.72
05-11-2021		37.85	79.1	14.78	54.16	1.48	29.84		2.11	2.03	0.47						35.93	88.68	10.13	29.47	1.15	50.49	73.72	2.48	6	0.49
06-11-2021		24.16	70.82	14.92	62.19	1.51	54.42		1.98	2.05	0.45						25.55	57.17	10.14	29.33	1.84	30.21	46.76	1.92	5.3	0.46
07-11-2021		23.81	49.57	14.47	61.69	1.49	53.2		2.41	2.01	0.6						41.89	78.65	10.23	34.7	1.84	46.31	76.23	2.61	11	0.62
08-11-2021		36.16	69.82	14.48	66.01	1.64	59.65		2.55	2	0.84						50.55	95.48	10.35	50.11	1.85	56.18	99.33	2.54	13	0.6
09-11-2021		42.13	86.76	14.47	66.29	1.55	41.03		5.49	1.96	0.94						53.03	89.67	10.54	55.27	1.86	48.67	75.64	2.34	21	0.67
10-11-2021		26.03	90.35	14.66	75.11	1.63	53.19		9.08	2.27	1.36						59.31	82.34	11.05	61.84	1.91	56.95	87.64	0.2	7.7	0.61
11-11-2021		33.06	87.56	14.47	66.63	1.62	48.67		6.39	3.76	1.35						48.71	76.94	11.61	72.96	1.98	38.41	83.67	5.01	14	0.7
12-11-2021		26.2	96.34	14.55	71.59	1.65	38.71		5.08	5.19	0.88						53.48	83.59	12.68	75.57	1.96	57.38	78.51	5.84	15	0.75
13-11-2021		37.88	73.28	14.57	60.81	1.8	56.16		91.57	17.96	1.07						39.54	96.37	11.18	71.74	2.06	53.67	84.67	6.07	15	0.86
14-11-2021		35.23	51.37	14.4	55.2	1.79	42.65		80.28	15.02	0.98						48.67	87.53	10.66	56.02	2.04	49.51	80.49	5.28	16	0.86
15-11-2021		45.63	52.79	14.41	55.43	1.75	36.79		86.37	16.89	1.1						56.84	82.19	10.57	41.29	1.98	42.58	91.78	4.48	13	0.75
16-11-2021		43.99	56.34	14.49	59.95	1.75	45.73		89.67	16.23	0.98						57.12	92.58	10.73	49.36	1.98	50.19	95.81	4.48	13	0.69
17-11-2021		28.68	35.84	14.58	57.99	1.56											33.32	66.52	10.64	35.89	1.91	48.21	75.41	2.44	7.2	0.61
18-11-2021		23.12	28.66	14.83	68.75	1.58											17.97	56.84	10.67	35.31	1.92	23.63	63.65	5.13	13	0.58
19-11-2021		24.96	28.66	14.45	66.76	1.54											33.17	86.03	10.76	42.07	2.03	32.47	90.57	5.98	13	0.58
20-11-2021		32.09	39.01	14.43	62.24	1.61											34.83	84.46	10.69	34.52	1.88	32.3	89.76	4.79	16	0.49
21-11-2021		29.9	39.58	14.46	60.74	1.55											15.03	49.77	10.44	20.6	1.78	14.82	28.04	4.95	20	0.34
22-11-2021		20.71	24.13	14.69	62.5	1.59											20.53	53.36	10.67	33.13	1.79	18.39	45.63	5.92	24	0.37
23-11-2021		15.8	73.63	14.43	63.08	1.37											21.28	45.34	10.93	41.62	1.83	24.01	65.86	5.26	10	0.42
24-11-2021		23.71	28.35	14.39	62.95	1.52																				
25-11-2021		35.13	48.91	14.48	62.05	1.72																				
26-11-2021		36.54	39.57	14.49	65.73	1.61																				
27-11-2021		47.59	59.39	14.51	70.22	1.66																				
28-11-2021		43.63	88.03	14.95	70.57	1.76																				
29-11-2021		33.49	78.07	14.81	69.62	1.64																				
30-11-2021		35.13	55.24	10.09	64.37	1.66																				
Month	Day	Time	Night	Time	Time																					
Nov-21	Standards	< 75	66	65	< 70																					

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

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

Glens Software update

Glens Software update

Relocated station

Glens Software update

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH :December, 2021

Location	Near Kasumata Temple				Near Coke Oven Plant				Near MISEB 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
01-12-2021	34.96	68.55	7.29	39.35	1.95	26.3	93.8	3.09	15.9	1.02						24.67	22.65	5.37	66	1.67
02-12-2021	16.12	29.8	7.2	24.08	1.83	17.86	82.74	1.3	13.72	1						46.46	52.87	6.37	84	1.98
03-12-2021	19.71	46.5	7.28	35.56	1.86	47.16	89.25	1.39	10.4	0.33						21.18	24.77	6.32	78	1.66
04-12-2021	24.5	69.82	7.16	42.44	1.94	16.23	57.35	1.86	12.09	0.45						23.96	25.58	5.64	72	1.59
05-12-2021	20.48	94.1	7.32	43.87	1.93	20.58	65.66	1.48	10.89	0.37						33.63	26.52	5.66	75	1.59
06-12-2021	40.35	92.92	7.52	41.65	1.9	50.76	84.42	1.19	12.89	0.4						37	30.07	5.67	72	1.63
07-12-2021	64.6	89.34	7.58	64.25	2.1	26.57	80.49	1.76	12.36	0.78						37.37	43.06	5.25	68	1.79
08-12-2021	60.46	89.34	7.54	62.5	2.02	33.9	90.68	1.9	15.72	0.79						45.22	60.23	5.37	69	1.81
09-12-2021	62.03	84.97	7.61	62.5	2.04	35.96	87.71	2.88	18.03	0.71						29.82	53.42	5.12	70	1.75
10-12-2021	61.96	89.74	7.62	66.13	2.06	29.59	93.46	3.47	14.34	0.79						18.51	24.6	13	49.27	
11-12-2021	47.64	85.46	7.53	51.67	2.01	26	86.06	1.45	13.47	0.71						15.24	14.8	13	44.86	
12-12-2021	52.79	88.72	7.55	47.92	2.02			NA								15.32		13	43.68	
13-12-2021	52.26	80.63	7.46	59.46	2.02	56.97	91.29	0	15.25	0.47						25.46		13	54.76	
14-12-2021	46.68	87.81	7.82	62.81	1.93	35.78	88.22	2.4	17.6	0.54										
15-12-2021	65.59	81.59	7.67	50.04	2.03	47.93	90.62	1.69	16.61	0.69										
16-12-2021	69.7	85.54	7.83	52.18	2.05	62.25	64.29	2.15	19.89	0.78										
17-12-2021	83.09	88.66	7.98	60.12	2.16	53.48	65.31	2.26	19.26	0.9										
18-12-2021	68.96	81.14	7.85	62.14	2.09	44.45	43.76	1.92	18.28	0.78										
19-12-2021	77.04	86.01	7.83	53.34	2.08	52.79	8.13	0.7	15.72	0.71										
20-12-2021	78.06	95.26	7.64	48.74	2.08	77.28	3	0.41	16.99	0.78										
21-12-2021	81.7	95.13	7.78	59.31	2.26	82.91	6.22	0.04	17.17	0.75										
22-12-2021	82.93	89.53	7.32	50.41	2.13	90.77	3.54	1.91	19.44	0.79										
23-12-2021	89.86	82.22	7.93	64.91	2.25	44.38	7.4	4.72	17.11	0.91										
24-12-2021	60.41	83.44	7.93	53.17	2.06	48.73	3.55	2.86	13.6	0.7										
25-12-2021	43.15	91.09	8	51.41	1.96	31.32	9.42	0.19	18.5	0.42										
26-12-2021	65.97	88.15	8.28	52.47	2.06	25.37	15.2	0.35	15.65	0.63										
27-12-2021	77.23	94.37	8.35	68.64	2.12	22.07	3.71	0.66	16.95	0.75										
28-12-2021	65.12	91.19	8.17	61.31	2.07	35.01	2.93	0.9	16.9	0.8										
29-12-2021	57.86	84.76	8.72	91.94	2.02	34.84	2.45	1.5	17.07	0.59										
30-12-2021						25.55	2.86	4.78	15.62	0.58										
31-12-2021						28.9	9.71	5.1	21.65	1.39										

Month	Day	Night
Dec-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 : January, 2022

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Goa Gate				Near MSEB Substation				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
01-01-2022						42.17	59.63	2.82	14.15	0.99						21.06	44.4	5.48	53.22	2.05
02-01-2022						32.91	64.58	1.51	14.31	0.76						18.17	39.95	5.52	53.86	1.99
03-01-2022						34.21	61.21	0.49	12.52	0.64						24.42	56.09	5.51	55.41	2.02
04-01-2022						49.69	55.82	3.74	12.27	0.6						20.89	74.23	5.65	60.89	2.14
05-01-2022						43.27	72.69	1.81	12.56	0.73						15.34	70.6	5.75	57.2	2.09
06-01-2022						32.94	45.96	0.32	13.33	0.78						23.18	49.58	5.62	62.92	2.18
07-01-2022						23.35	60.23	1.61	11.17	0.56						11.86	41.77	5.58	56.02	1.91
08-01-2022						28.59	52.4	1.49	11.86	0.44						19.48	90.33	6.65	66.3	2.13
09-01-2022						29.63	34.97	2.76	14.85	0.44						8.75	70.98	5.69	64.02	1.88
10-01-2022						25.4	43.69	2.36	15.2	0.43						4.4	62.29	5.71	75.9	1.95
11-01-2022						29.96	46.1	1.31	13.29	0.47						19.84	78.91	6.85	67.92	2.23
12-01-2022																12.04	54.81	5.91	66.26	2.15
13-01-2022						31.62	45.85	1.56	5.05	0.58						14.87	54.6	5.92	70.97	2.24
14-01-2022						33.54	10.2	1.85	5.07	0.72						14.43	43.53	5.52	56.66	2.14
15-01-2022						37.45	7.59	4.71	5.07	0.64						11.86	87.34	5.5	56.37	2.08
16-01-2022						47.84	3.55	3.7	5.06	0.55						10.25	90.95	5.52	56.82	2.08
17-01-2022						45.32	11.34	1.78	5.09	0.64						15.62	52.54	5.52	57.23	2.17
18-01-2022						48.65	9.13	2.85	5.12	0.67						16.32	59.04	5.52	58.76	2.13
19-01-2022						54.1	6.91	1.73	5.1	0.68						19.63	67.98	5.57	59.33	2.17
20-01-2022						42.98		1.03	5.14	0.71						10.48	60.32	5.52	61.18	2.06
21-01-2022																15.02	72.15	5.62	66.53	2
22-01-2022																17.67	59.1	5.82	66.2	2.07
23-01-2022																57.76	49.23	5.46	67.27	1.83
24-01-2022						50.32	77.36	7.56	5.17	0.32						48.71	96.23	5.39	59.83	1.95
25-01-2022						39.86	46.35	1.06	5.21	0.52						45.24	61.52	5.27	64.34	2.12
26-01-2022						48.96	77.85	1.93	5.32	0.63						57.83	94.29	5.44	71.75	2.29
27-01-2022						53.64	75.98	1.51	5.33	0.69						56.57	82.17	5.69	69.26	2.36
28-01-2022						54.05	64.34	3.14	6.15	0.77						32.37	58.56	5.64	66.94	2.24
29-01-2022						57.98	71.23	2.88	19.46	0.73						32.77	77.58	4.39	65.36	1.5
30-01-2022						49.21	68	2.03	16.3	0.66						25.54	42.68	1.68	50.52	0.86
31-01-2022						53.67	76.23	2.33	15.9	0.7						26.06	48.02	1.87	58.68	0.91

Station is not in operation due to Temp controller faulty.

Power Supply Problem.

LAN Problem

Prepared By
P. P. Nandusekar

Deputy Manager (Environment)

Checked By
Dr. Anand Rai

Associate Vice President (HOD-Environment)

Standards < 75 < 70

Day Night Time t

Jan-22 65 64

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

MONTH : February, 2022

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Goa Gate				Near MSEB Substation				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
01-02-2022 00:00	37.1	63.05	8.63	78.8	1.6	28.49	87.95	2.42	13.06	0.67	58.52	97.76	5.53	19.42	0.8	19.10	36.68	1.72	22.76	0.70
02-02-2022 00:00	34.5	49.82	8.65	61.9	1.6	38.45	87.59	4.29	15.64	0.52	58.63	96.37	5.4	17.85	0.73	24.79	21.06	1.89	29.86	0.85
03-02-2022 00:00	26.2	66.58	8.62	57.1	1.6	46.25	81.78	5.88	13.47	0.6	47.22	97.24	4.56	16.12	0.49	30.47	27.59	2.00	35.31	1.01
04-02-2022 00:00	24.3	85.89	8.38	54.4	1.3	45.74	80.45	3.09	5.88	0.82	48.79	81.73	5.21	14.36	0.51	27.11	29.74	2.11	34.35	0.87
05-02-2022 00:00	35.1	96.19	8.45	63.2	1.2	33.72	94.69	5.61	20.1	0.3	57.12	81.28	5.03	16.91	0.61	26.51	32.77	1.92	34.02	0.80
06-02-2022 00:00	40.9	98.59	9.05	63.7	1.4	26.54	95.74	3.67	15.54	0.63	55.49	89.2	5.77	18.41	0.8	26.27	30.75	1.80	29.10	0.89
07-02-2022 00:00	33.5	78.04	16.5	43.1	1	16.7	91.86	1.34	12.42	0.49	54.38	80.21	5.28	14.16	0.6	17.97	34.29	1.75	22.00	0.74
08-02-2022 00:00	4.61	57.79	9.4	48.8	1.1	17.31	91.87	5.05	11.09	0.3	37.44	88.28	3.97	14.95	0.52	8.53	26.03	1.75	25.15	0.64
09-02-2022 00:00	19.1	52.36	9.02	44.3	1.3	17.82	93.68	4.79	13.83	0.39	32.28	84.02	4.89	14.46	0.47	10.51	62.04	1.92	26.83	0.84
10-02-2022 00:00	35.6	78.8	9.37	79.5	1.5	14.05	91.15	2.89	15.08	0.59	59.12	91.01	5.2	15.83	0.8	12.35	63.32	1.82	22.09	0.89
11-02-2022 00:00	36.5	92.51	9.14	75.3	1.5	27.97	92.94	3.16	20.04	0.88	48.36	88.52	5.02	16.68	0.64	10.47	20.30	1.78	20.54	0.94
12-02-2022 00:00	37.8	91.46	9.28	73.7	1.6	23.29	99.35	5.88	18.6	0.82	55.04	96.95	5.6	18.3	0.78	11.31	17.18	1.88	19.55	0.95
13-02-2022 00:00	39.3	88.44	9.14	60.7	1.6	30.98	93.83	5.31	15.64	0.74	53.47	78.8	5.76	17.35	0.75	10.14	55.59	1.75	22.55	0.80
14-02-2022 00:00	28.8	69.3	9.09	68.2	1.6	39.33	92.79	4.59	13.47	0.54	44.51	85.5	5.32	18.31	0.74	10.57	11.41	1.82	32.65	0.89
15-02-2022 00:00	30.6	86.47	9.21	81.5	1.6	43.45	98.99	4.29	19.19	0.6	37.67	85.39	4.95	17.96	0.62	6.80	11.76	1.66	17.78	0.60
16-02-2022 00:00	20.5	52.22	9.17	65.8	1.5	40.32	91.34	4.84	5.88	0.52	31.42	84.62	5.44	17.63	0.58	10.90	10.77	1.82	33.27	0.95
17-02-2022 00:00	20.5	55.92	9.1	69.4	1.8	49.53	91.85	3.96	14.61	0.44	28.5	89.27	5.01	0	0.6	23.12	28.66	14.83	68.75	1.58
18-02-2022 00:00	24.8	59.48	9.2	57	1.6	38.43	97.98	2.37	12.05	0.38	26.45	82.94	5.05	0	0.53	25	28.7	14.45	66.76	1.5
19-02-2022 00:00	29.6	63.88	9.23	58.9	1.6	34.08	98.38	0.79	15.64	0.54	35.31	80.9	5.49	0	0.59	32.1	39	14.43	62.24	1.6
20-02-2022 00:00	32.1	55.66	9.48	60.2	1.6	45.86	91.54	2.37	15.56	0.6	44.13	82.72	6.71	0	0.75	29.9	39.6	14.46	60.74	1.6
21-02-2022 00:00	32.4	65.24	9.49	53.9	1.6	49.07	92.48	3.09	14.74	0.62	36.65	80.71	5.34	0	0.7	20.7	24.1	14.69	62.5	1.6
22-02-2022 00:00	37.7	83.23	9.83	63.4	1.7	38.53	92.49	4.7	18.36	0.84	35.84	87.14	7.49	0	0.7	15.8	63.44	14.43	63.08	1.4
23-02-2022 00:00	30.7	68.63	9.46	74.1	1.7	34.42	95.17	6.96	17.84	0.69	19.98	81.88	4.89	4.16	0.68	23.7	28.4	14.39	62.95	1.5
24-02-2022 00:00	39.9	94.02	9.61	71.4	1.8	37.93	99.82	5.59	18.99	0.87	21.38	65.2	5.26	15.4	0.76	35.1	48.9	14.48	62.05	1.7
25-02-2022 00:00	43.4	99.12	9.74	76.3	1.7	35.58	96.41	2.07	24.21	0.6	32.93	89.94	5.85	15.56	0.69	36.5	39.6	14.49	65.73	1.6
26-02-2022 00:00	40.5	95.7	9.92	84.3	1.7	40.56	99.72	1.03	25.43	0.54	46.9	85.06	4.47	15.55	0.64	47.6	59.4	14.51	70.22	1.7
27-02-2022 00:00	39.1	96.75	9.9	91.3	1.8	41.25	97.79	9.29	23.28	0.5	45.11	87.57	5.6	16.76	0.78	43.6	78.4	14.95	70.57	1.8
28-02-2022 00:00	37.7	85.03	9.67	58.8	1.7	39.45	97.82	5.16	26.72	0.63	44.88	86.16	5.08	15.28	0.74	33.5	78.1	14.81	69.62	1.6

Analyser to PC communication problem.

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

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

Month	Day	Night
Feb-22	65	65
Standards	< 75	< 70

JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : March, 2022

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Goa Gate				Near MSEB Substation				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
01-03-2022	43.8	90.73	9.76	86.5	1.86	42.59	85.46	3.5	16.95	0.67	40.48	64.74	0.28	29.11	1.95	20.65	55.67	15.29	26.49	1.18
02-03-2022	52	95.25	9.65	85.8	2.05	49.36	86.99	2.46	25.46	0.62	48.42	69.58	2.22	25.49	2.45	26.12	42.55	13.76	25.70	1.43
03-03-2022	47.8	93.61	9.52	82	1.89	41.41	85.32	9.15	21.14	0.76	45.99	68.84	5.01	11.15	1.81	26.19	56.60	12.25	25.45	1.27
04-03-2022	42.9	99.09	9.61	87.1	1.81	39.99	84.25	6.45	24.58	0.58	45.2	66.66	5.38	19.54	1.86	23.77	93.2	11.21	24.45	1.16
05-03-2022	45.3	95.66	9.88	89.9	1.9	30.74	87.04	14.51	26.07	0.44	43.89	64.35	3.49	29.11	2.05	21.21	54.12	10.23	23.88	1.21
06-03-2022	38.1	92.67	9.9	75.8	1.9	19.47	87.38	6.2	21.65	0.69	57.74	71.01	10.9	25.49	2.09	24.78	47.10	9.60	21.35	1.23
07-03-2022	46.2	97.85	9.77	71.4	2.33	41.99	88.308	0.28	17.74	0.69	45.08	78.38	5.02	22.15	0.72	24.90	55.73	8.63	19.13	1.23
08-03-2022	42	98.78	10	74.1	2.3	47.62	78.14	2.22	18.71	0.69	45.13	69.17	4.27	19.54	0.79	31.59	77.1	7.75	19.29	1.48
09-03-2022	47.6	81.12	10.1	66.5	2.03	40.48	90.69	5.01	24.75	0.85	53.1	68.74	4.69	24.92	0.88	30.37	48.36	7.64	18.96	1.38
10-03-2022	40.5	76.82	9.95	60.8	1.88	48.42	91.86	5.38	25.23	0.84	42.59	73.95	4.04	19.92	0.76	27.68	86.5	7.26	19.75	1.35
11-03-2022	48.4	99.96	9.94	76.1	1.95	45.99	75.79	3.49	30.85	0.86	49.36	69.58	4.43	23.88	0.91	27.14	56.50	6.92	21.53	1.34
12-03-2022	46	93.58	10.1	93.2	2.45	45.2	78.57	10.86	16.92	0.57	41.41	64.74	5.1	28.35	0.73	29.48	94.3	6.66	20.64	1.36
13-03-2022	45.2	81.09	9.95	65.4	1.81	43.89	90.34	3.5	24.88	0.86	39.99	69.74	4.57	30.34	0.78	29.38	88.1	6.72	21.99	1.31
14-03-2022	43.9	90.39	10	94.7	1.86	57.74	99.61	2.46	29.35	0.72	30.74	68.84	5.03	20.14	0.79	25.37	82.5	6.07	27.95	1.26
15-03-2022	58.7	98.83	10.3	110	2.05	54.84	97.97	9.15	31.34	0.64	19.47	76.66	8.58	23.58	0.98	35.12	88.9	5.62	26.21	1.33
16-03-2022	58.7	97.92	9.97	99.2	2.09	44.6	90.14	2.8	28.81	0.69	4.47	74.35	6.86	25.07	0.91	29.35	62.9	5.47	29.09	1.35
17-03-2022	53.4	92.96	10.2	98.7	2.24	52.2	95.05	3.69	29.21	0.76	58.06	71.01	7.93	20.65	1	47.39	70	5.15	38.61	1.49
18-03-2022	58.8	98.89	9.79	72.3	2.52	56.2	90.99	3.68	19.96	0.91	46.76	76.24	5.7	18.74	1.15	34.5	81.8	5.5	18.6	1.7
19-03-2022	28.4	99.04	9.32	50.5	2.01	52.13	71.82	2.61	17.47	0.52	55.04	71.95	3.27	18.71	0.64	36.9	67.5	6.37	18.7	1.4
20-03-2022	27	92.12	9.51	41.2	1.89	41.61	61.22	3.45	13.64	0.37	54.83	70.56	3.44	23.75	0.95	34.3	47.1	6.7	22.1	1.5
21-03-2022	26.2	95.39	9.77	49.5	1.82	57.33	75.72	1.13	12.16	0.41	48.15	74.26	2.56	29.11	0.58	16.1	25.5	5.23	17.3	1.2
22-03-2022	39.2	98.04	10.4	104	2.06	57.1	78.97	1.35	16.72	0.53	50.17	71.87	21.5	26.49	1.94	22.9	47.6	5.04	18	1.5
23-03-2022	46.6	89.03	10.3	102	2.06	55.91	87.76	1.63	30.11	1	50.53	74.57	6.27	22.45	0.72	35.7	90.9	5.09	17.2	1.6
24-03-2022	39.3	89.38	9.84	77.7	2.44	42.06	84.48	1.58	26.49	0.76	51.53	81.03	4.51	21.54	0.71	47.1	74.8	6.11	16.4	1.7
25-03-2022	26.4	99.69	9.87	64.7	2.77	48.5	79.47	0.05	12.15	0.32	51.13	81.65	3.97	24.92	0.66	15.9	19.7	4.36	9.5	1.2
26-03-2022	26.7	91.3	9.76	57.7	2.04	51.56	74.24	0.46	20.54	0.45	45.97	79.62	3.63	19.58	0.57	14	17.9	4.23	8.03	1.2
27-03-2022	22.8	79.97	9.61	54.8	1.91	51.32	76.99	0.96	14.92	0.33	50.94	88.36	3.29	27.49	0.45	18.4	15.6	4.22	12.1	1.4
28-03-2022	26.3	82.46	9.63	44.6	1.95	51.19	73.58	1.07	19.22	0.47	52.99	83.02	3.44	24.59	0.49	15.9	43.7	4.11	5.52	1.2
29-03-2022	25.9	84.8	9.76	52.2	1.98	48.01	70.77	1.18	27.97	0.59	42.1	87.69	3.8	20.54	0.56	23.8	93.7	4.07	11.5	1.4
30-03-2022	24.4	89.88	9.75	56.2	1.89	55.4	67.47	0.9	23.13	0.36	55.44	78	3.37	23.92	0.44	22.9	69.2	4.16	13.9	1.4
31-03-2022	25.1	87.53	9.74	52.1	2.01	52.34	79.25	1.01	21.59	0.48	58.92	73.58	4.35	21.25	0.56	18.9	42.3	3.92	18.3	1.5

Analyser to PC communication problem.

Month	Day	Night
Mar-22	66	65
Standards	< 75	< 70

Prepared By

P. P. Nandusekar
Deputy Manager (Environment)

Checked By

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