



Dolvi Works:

Geetapuram,
Dolvi, Taluka - Pen,
Dist. Raigad - 402 107. Maharashtra, India.
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Phone : +91 2143 663000/3100/3200
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BY COURIER

November 17, 2022

JSWSL/ENV/MOEF&CC/2022

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 Integrated Steel Plant for the Period of April 2022 to September 2022.

Ref: i) EC from MoEF vide F No J-11011 / 4 / 96 – IA – II dated 31st December 1996.
ii) EC from MoEF, vide F No J-11011/166/2011-IA-II (I) dated 21st November 2012.
iii) EC from MoEF, vide F No J-11011/176/2013-IA-II (I) dated 25th August 2015.

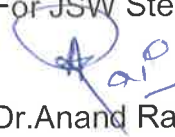
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2022 to September 2022 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from Sponge Iron Plant, Hot Strip Mill Plant, Blast Furnace Plant, Lime Calcining Plant, Captive Power Plant, Sinter Plant-I, Sinter Plant-II, Billet Caster Bar Mill, Coke oven Plant II and Ambient Air Quality for the Integrated Steel Plant.

This is for your information and record please.

Thanking You,

Yours Faithfully,
For JSW Steel Limited,


Dr. Anand Rai.
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



JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

SIX MONTHLY TREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
1	Temperature	°C	27	27.3	27.1	27	27.2	27.2
2	pH	-	7.3	7.3	7.4	7.4	7.4	7.4
3	D.O.	mg/l	5.4	5.6	5.5	5.5	5.5	5.4
4	T.S.S.	mg/l	20.7	21.4	20.3	19.6	22.4	21.7
5	T.D.S.	mg/l	334.7	314	322	315.0	346	320
6	C.O.D.	mg/l	30.3	34.2	29.4	25.1	35.8	33.2
7	B.O.D.	mg/l	7.3	7.4	7.3	7.5	7.2	7.4
8	Oil & Grease	mg/l	2.3	2.7	2.8	2.8	2.7	2.9
9	Iron	mg/l	4.0	0.40	0.40	0.4	0.40	0.40
10	Chlorides	mg/l	56.6	71.00	63.70	77.5	62.50	53.60
11	Sulphates	mg/l	2.3	2.4	2.3	2.3	2.3	2.3
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	°C	27.2	27.2	27.3	27.2	27.2	27.2


Prepared By
P. P. Nandusekar
Manager (Environment)


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

JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107
SPONGE IRON PLANT

SIX MONTHLY UNTREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
1	Temperature	°C	57	57	57.6	57.4	57.5	57.6
2	pH	-	8.4	8.3	8.3	8.3	8.4	8.4
3	D.O.	mg/l	2.3	2.4	2.5	2.4	2.6	2.4
4	T.S.S.	mg/l	593.7	596.1	607.1	597.9	610.3	615.5
5	T.D.S.	mg/l	547.3	525.2	541.0	531.0	545.5	546.5
6	C.O.D.	mg/l	46.4	49.1	48.2	49.3	51.7	61.2
7	B.O.D.	mg/l	8.3	8.4	8.3	8.4	8.1	8.2
8	Oil & Grease	mg/l	4.0	4.5	4.2	4.4	4.1	4.7
9	Iron	mg/l	1.3	1.3	1.30	1.3	1.3	1.30
10	Chlorides	mg/l	165.0	168.9	157.40	168.7	162.4	161.20
11	Sulphates	mg/l	3.3	3.4	3.30	3.3	3.3	3.30


Prepared By
P. P. Nandusekar
Manager (Environment)

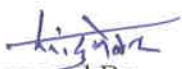

Checked By
Dr. Anand Rai
Vice President(HOD-Environment)

JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

COOLING TOWER BLOWDOWN WATER ANALYSIS REPORT

Sr.	PARAMETERS	UNIT	VALUES					
No.			Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
1	Chromium	mg/l	0.0019	0.0014	0.0015	0.0016	0.0018	0.0190
2	Zinc	mg/l	0.98	0.095	0.098	0.095	0.097	0.098
3	Phosphate	mg/l	0.86	0.94	0.86	0.92	0.91	0.85
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil


Prepared By

P. P. Nandusekar
Manager (Environment)



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

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

MONTH : April, 2022

Location		Near Kasumata Temple						Near Coke Oven Plant						Near Goa Gate						Near MSEB Substation						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	
01-04-2022		28.45	95.8	10.3	29.74	1.9		54.54	90.69	1.35	13.45	0.4		56.33	94.22	4.61	1.5	0.45		19.57	46.57	3.50	2.35	1.00		13.28	35.05	3.52	2.30	1.11	
02-04-2022		35.94	99.3	10.1	38.28	2		56.63	94.69	1.71	9.17	0.2		52.95	94.73	3.47	1.5	0.55		17.92	62.44	3.92	9.77	1.26		20.14	54.93	5.47	8.53	1.44	
03-04-2022		26.66	98.2	10	41.85	1.9		56.51	93.65	1.46	17.87	0.3		51.14	99.33	3.11	1.5	0.44		14.65	40.77	6.66	7.83	1.26		16.51	20.29	7.34	7.49	1.72	
04-04-2022		31.69	96.6	10.1	50.73	2.3		58.51	90.8	1.33	23.45	0.6		52.94	94.95	3.68	1.5	0.62		10.57	13.58	8.28	2.13	1.23		33.85	43.11	6.13	29.51	1.74	
05-04-2022		23.38	81.4	9.98	33.17	1.9		55.06	91.3	0.87	6.53	0.2		53.25	95.92	2.5	0.9	0.41		30.64	43.18	2.53	4.05	1.62		13.45	20.93	2.11	5.88	1.53	
06-04-2022		21.75	72.7	9.99	28.11	1.9		54.09	97.28	1.04	9.31	0.3		45.46	91.91	2.63	0.5	0.36		17.64	46.77	2.09	8.47	1.59		16.13	95.15	2.01	12.01	1.50	
07-04-2022		23.31	82	10.1	38.19	2		54.13	97.86	1.25	15.42	0.5		45.37	95.51	3.82	7.36	0.48		14.10	87.07	1.96	11.36	1.60		54.57	77.57	2.56	27.42	2.28	
08-04-2022		20.92	67.5	10.4	34.41	2.3		51.48	92.8	0.95	11.69	0.6		34.2	94.36	2.82	13.85	0.42		14.18	69.3	2.16	5.05	1.47		28.07	94.79	2.62	13.94	2.48	
09-04-2022		25.17	66.6	10.4	43.73	2.9		53.87	94.01	0.63	6.24	0.3		30.41	80.4	2.92	14.11	0.34		17.64	88.45	2.00	9.46	1.59		10.17	62.57	6.49	6.23	1.5	
10-04-2022		20.62	53.4	10.2	25.4	2		52.91	95.18	0.42	4.68	0.4		31.84	66.51	2.57	11.74	0.42		14.88	40.1	7.16	10.58	1.7		15.49	39.61	7.97	14.91	1.93	
11-04-2022		19.18	54.7	10.3	29.74	1.9		56.06	91.06	0.95	14.6	0.4		20.48	64.7	2.77	14.07	0.32		22.14	98.43	8.54	14.57	1.86		40.06	88.31	8.64	17.01	2.29	
12-04-2022		24.62	75.6	10.6	47.97	2		51.96	96.21	0.9	24.98	0.4		24.68	99.82	3.82	18.7	0.43		26.2	86.72	8.88	18.58	2.12		26.2	86.72	8.88	18.58	2.12	
13-04-2022		25.8	76.3	10.6	49.64	2		51.87	92.54	0.46	26.97	0.4		25.26	96.99	3.13	21.51	0.54		19.48	73.63	9.16	17.6	1.87		34.52	81.36	7.95	22.4	2.08	
14-04-2022		26.93	98.6	10.7	59.21	2.5		51.94	90.68	1.21	17.62	0.5		24.09	92.02	2.59	16.27	0.5		18.87	88.31	8.34	20.38	1.81		18.87	88.31	8.34	20.38	1.81	
15-04-2022		18.83	73.6	10.4	30.25	2		57.55	90.54	1.13	6.17	0.4		24.06	79.26	2.23	16.46	0.39		31.8	85.91	8.75	21.26	2.07		31.8	85.91	8.75	21.26	2.07	
16-04-2022		23.85	75.7	10.5	41.34	2.1		55.29	92.7	0.95	11.69	0.3		21.97	91.31	3.58	15.93	0.54		23.68	49.12	8.89	21.56	2.2		23.68	49.12	8.89	21.56	2.2	
17-04-2022		18.02	69.4	10.5	28.19	2		51.64	92.01	1.47	0.01	0.2		24.23	77.36	3.62	13.48	0.35		10.17	62.57	6.49	6.23	1.5		10.17	62.57	6.49	6.23	1.5	
18-04-2022		18.79	71.5	10.6	33.25	2		55.96	96.27	0.65	0	0.2		24.13	81.61	2.75	14.94	0.35		14.88	40.1	7.16	10.58	1.7		14.88	40.1	7.16	10.58	1.7	
19-04-2022		20.4	63.8	10.6	39.09	2		54.86	97.6	1.33	0	0.2		20.48	87.55	3.86	16.67	0.42		15.49	39.61	7.97	14.91	1.93		15.49	39.61	7.97	14.91	1.93	
20-04-2022		21.91	58.8	10.5	35.89	2.1		50.6	99.02	2.46	0	0.7		23.61	76.44	2.95	22.35	0.46		22.14	98.43	8.54	14.57	1.86		22.14	98.43	8.54	14.57	1.86	
21-04-2022		40.05	89.2	10.7	45.79	2.2		53.13	98.76	0.25	0.04	0.8		52.07	91.22	5.06	14.46	0.53		40.06	88.31	8.64	17.01	2.29		40.06	88.31	8.64	17.01	2.29	
22-04-2022		33.12	89.3	10.5	35.46	2.3		57.29	91.09	1.19	0.09	0.6		49.48	92.8	3.48	20.85	0.58		26.2	86.72	8.88	18.58	2.12		26.2	86.72	8.88	18.58	2.12	
23-04-2022		35.48	96.7	10.4	64.67	2.8		53.96	97.43	1.18	0.14	0.6		55.93	96.88	2.63	23.88	0.58		20.88	53.08	8.87	13.56	2.01		20.88	53.08	8.87	13.56	2.01	
24-04-2022		28.07	86.3	10.2	28.12	2.5		53.06	93.48	1.44	0.15	0.4		44.05	97.01	1.74	16.47	0.51		19.48	73.63	9.16	17.6	1.87		19.48	73.63	9.16	17.6	1.87	
25-04-2022		33.01	84.6	10.5	52.34	2.2		58.49	90.61	3.62	0.25	0.3		44.22	96.04	3.17	24.13	0.52		34.52	81.36	7.95	22.4	2.08		34.52	81.36	7.95	22.4	2.08	
26-04-2022		30.98	76.5	10.4	37.52	2.4		55.49	91.57	1.47	0.01	0.2		36.45	94.27	3.13	16.93	0.4		18.87	88.31	8.34	20.38	1.81		18.87	88.31	8.34	20.38	1.81	
27-04-2022		21.89	66.3	10.6	51.22	2.2		56.03	93.66	1.18	0.14	0.6		43.52	90.92	2.67	27.57	0.46		31.8	85.91	8.75	21.26	2.07		31.8	85.91	8.75	21.26	2.07	
28-04-2022		30.11	98.7	10.8	71.1	3.4		55.96	89.59	1.18	0.14	0.6		55.01	95.62	4	28.41	0.68		23.68	49.12	8.89	21.56	2.2		23.68	49.12	8.89	21.56	2.2	
29-04-2022		19.45	68.7	9.86	23.18	2.2		54.86	90.48	1.25	15.42	0.5		29.66	69.13	3.87	11.53	0.3		15.11	59.95	9.15	16.42	1.99		15.11	59.95	9.15	16.42	1.99	
30-04-2022		29.03	74.2	10.8	61.96	3.3		58.49	95.5	5.19	4.26	0.2		42.81	90.16	2.53	19.86	0.54													

Analysed to PC communication problem.

Prepared By


P. P. Nandusekar
Manager (Environment)

Checked By

Dr. Anand Rai

Vice President (HOD-Environment)

Month	Day	Night
Apr-22	64	64
Standards	< 75	< 70

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

MONTH : May, 2022

Location	Near Kasumata Temple						Near Coke Oven Plant						Near Goa Gate						Near MISEB Substation						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				
01-05-2022	22.28	54.68	10.4	38.26	2.6		48.99	98.74	2.58	9.47	0.33	28.65	75.83	2.67	11.86	0.33	20.39	37.18	9.35	###	2.20	22.59	74.12	9.64	###	2.21				
02-05-2022	17.28	60.79	10.3	32.33	2.53		49.58	65.96	4.75	7.57	0.44	29.97	80.14	2.21	11.91	0.29	19.89	55.09	9.81	###	2.15	11.72	54.16	9.67	###	1.70				
03-05-2022	20.55	67.62	10.29	25.99	2.31		42.36	99.36	5.11	11.45	0.46	33.58	74.6	2.31	10.49	0.31	13.24	37.46	9.58	###	1.75	14.88	46.27	9.53	###	1.78				
04-05-2022	22.18	78.01	10.39	35.41	2.28		49.58	98.58	4.63	14.61	0.49	39.91	95.36	2.42	13.52	0.36	13.24	7.80	9.36	###	1.84	Internet Problem								
05-05-2022	18.1	63.55	10.43	29.76	2.18		35.46	97.66	18.53	4.5	0.64	44.32	99.36	3.15	15.01	0.36	13.24	37.46	9.58	###	1.75						Internet Problem			
06-05-2022	24.37	92.59	10.42	24.95	2.18		18.76	94.36	57.42	0	1.65	48.77	99.36	2.71	18.02	0.29	13.24	46.27	9.53	###	1.78	Internet Problem								
07-05-2022	35.51	97.2	10.6	34.38	2.28							47.36	97.25	2.09	35.89	0.52	13.24	7.80	9.36	###	1.84						Internet Problem			
08-05-2022	26.41	90.4	10.38	32.38	2.29							49.58	95.36	1.91	30.22	0.47	Internet Problem													
09-05-2022	24.98	80.86	10.46	24.31	2.33							39.83	84.73	2.45	17.93	0.24						Internet Problem								
10-05-2022	20.82	73.44	10.49	20.41	2.29							37.09	84.25	2.14	17.39	0.25	Internet Problem													
11-05-2022	24.42	93.28	10.54	46.91	2.86							48.54	85.33	2.52	23.18	0.28						Internet Problem								
12-05-2022	17.36	86.61	10.57	41.61	2.77							48.22	89.36	1.59	19.85	0.63	Internet Problem													
13-05-2022	21	98	11.26	51.64	3.69							48.33	89.44	2.43	20.5	0.4						Internet Problem								
14-05-2022	25.57	99.22	10.84	41.31	2.94							49.21	91.366	2.34	18.42	0.31	Internet Problem													
15-05-2022	21.47	84.02	9.89	27.44	2.42							48.91	99.21	2.5	15.24	0.21						Internet Problem								
16-05-2022	19.08	72.7	10.94	18.82	2.23							44.55	99.66	2.14	16.33	0.14	Internet Problem													
17-05-2022	27.3	92.36	10.95	25.96	2.29							42.36	89.69	2.47	18.81	0.29						Internet Problem								
18-05-2022	35.27	99.33	11.03	23.76	2.31							49.36	92.36	2.12	17.95	0.33	Internet Problem													
19-05-2022	36.2	98.36	11.04	30.72	2.28							45.33	93.33	2.18	21.63	0.28						Internet Problem								
20-05-2022	30.98	97.67	11.32	48.55	3.44							49.25	93.88	2.94	14.23	0.21	Internet Problem													
21-05-2022	25.36	99.58	11.25	38.2	3.28							49.77	95.48	2.25	21.2	0.44						Internet Problem								
22-05-2022	22.19	93.04	11.21	44.67	3.74							41.25	96.74	2.12	18.23	0.37	Internet Problem													
23-05-2022	19.08	80.23	11.6	46.53	2.74							49.25	91.25	3.37	20.9	0.43						Internet Problem								
24-05-2022	24.03	91.97	11.2	51.88	1.24							45.82	92.33	2.31	18.44	0.27	Internet Problem													
25-05-2022	25.14	64.77	10.84	36.73	0.6							38.59	80.64	2.24	26.02	0.34						Internet Problem								
26-05-2022	48.01	87.38	11.24	30.98	0.44							48.37	96.77	1.95	24.01	0.25	Internet Problem													
27-05-2022	48.94	95.69	10.95	56.44	0.67							39.64	88.19	2.97	18.16	0.18						Internet Problem								
28-05-2022	38.44	97.81	10.55	44.41	0.67		49.69	24.16	2.78	4.49	0.24	33.84	82.41	2.42	17.26	0.2	Internet Problem													
29-05-2022	42.44	98.88	11.11	46.05	0.41		15.76	16.64	1.63	8.99	0.25	33.64	78.71	1.13	19.43	0.24						Internet Problem								
30-05-2022	40.26	99.82	10.73	32.17	0.4		16.19	16.38	4.92	5.5	0.31	36.93	79.72	1.48	16.42	0.27	Internet Problem													
31-05-2022	38.17	91.6	10.8	29.99	0.2		16.59	16.62	9.47	5.75	0.38	42.58	97.13	2.23	14.58	0.22						Internet Problem								
May-22	66	65															15.11	30.76	7.24	###	1.71						Internet Problem			
Standards	< 75	< 70															23.32	76.88	7.25	32	1.9	Internet Problem								
																	34.03	31.9	4.8	28	1.78						Internet Problem			
																	14.08	22.62	2.48	17	1.8	Internet Problem								
																	17.17	37.7	4.04	8.1	1.99						Internet Problem			
																	13.12	28.23	4.65	9.3	1.87	Internet Problem								
																	10.74	30.14	4.94	14	1.74						Internet Problem			
																	9.12	32.09	5.17	16	1.78	Internet Problem								
																	14.2	11.43	5.49	30	1.86						Internet Problem			
																	15.82	15.69	5.45	26	1.82	Internet Problem								
																	15.03	27.61	5.62	28	1.95						Internet Problem			
																	44.07	70.08	5.7	33	1.85	Internet Problem								
																	33.67	150.23	5.78	28	1.98						Internet Problem			
																	36.9	164.38	5.87	31	2.01	Internet Problem								
																	49.36	111.4	5.86	30	1.92						Internet Problem			

Dr. Anand Rai

P. P. Nandusekar

Analysar to PC communication problem.

Data not available due to station not in operation (UPS problem)

Analysed by PC communication problem.

Data not available due to station not in operation (UPS problem)


P. P. Nandusekar
 Manager (Environment)


Dr. Anand Rai
 Vice President (HOD-Environment)

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

MONTH : June, 2022

Location		Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					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
01-06-2022		38.64	89.18	10.35	29.49	0.19	16.59	16.62	5.1	5.92	0.39	36.41	79.4	2.27	13.95	0.16	41.49	79.93	5.95	29.83	1.96	13.73	46.49	5.88	28.46	1.94
02-06-2022		38.06	90.58	10.75	28.36	0.21	16.6	16.65	4.48	9.47	0.29	39.39	84.63	1.86	13.81	0.18	30.21	82.45	5.94	30.93	1.95	23.45	84.5	5.94	32.47	2.04
03-06-2022		36.75	83.11	10.97	22.86	0.21	16.57	16.62	7.3	8.34	0.3	45.33	93.65	2.13	14.24	0.23	14.04	52.35	5.85	32.67	1.99	14.27	63.67	5.81	33.82	2.07
04-06-2022		31.31	88.6	11.1	20.84	0.12	16.59	16.66	6.76	9.52	0.36	37.94	80.06	1.91	17.91	0.17	12.63	63.91	5.90	32.62	2.04	11.04	51.85	5.81	30.49	2.10
05-06-2022		29.12	87.57	10.65	22.87	0.22	16.58	16.63	5.0	29.47	0.38	41.69	68.75	3.36	16.5	0.25	14.90	75.66	5.82	31.82	2.16	34.08	88.35	6.02	37.08	2.61
06-06-2022		29.04	86.4	11.16	29.05	0.4	16.58	16.65	4.93	13.52	0.42	33.83	79.36	2.35	15.49	0.12	40.40	87.54	6.28	39.17	2.98	22.97	80.92	6.39	21.02	2.96
07-06-2022		26.95	86.34	11.13	38.18	0.3	16.57	16.66	5.09	10.89	0.47	30.37	73.63	3.61	21.89	0.25	30.05	84.01	6.64	19.57	2.95	35.58	83.26	6.74	19.89	2.94
08-06-2022		24.42	84.25	11.45	27.89	0.28	16.57	16.6	4.78	8.72	0.4	21.97	49.08	2.48	14.86	0.26	28.56	80.89	7.02	16.30	2.95	24.71	85.24	7.23	24.41	2.97
09-06-2022		23.38	87.56	11.66	34.76	1.29	16.6	16.63	4.35	10.85	0.38	23.55	53.34	1.99	17.37	0.25	27.51	86.01	7.77	26.79	2.99	30.05	84.01	6.64	19.57	2.95
10-06-2022		21.12	88.94	11.58	27.09	0.78	16.59	16.6	3.17	10.8	0.47	19.88	57.87	2.64	15.66	0.42	27.53	81.11	7.83	33.35	3.00	35.58	83.26	6.74	19.89	2.94
11-06-2022		10.96	62.45	11.36	16.31	0.05	16.55	17.1	4.56	12.5	0.89	14.63	34.26	2.3	14.38	0.76	25.63	84.95	8.14	28.44	3.00	28.56	80.89	7.02	16.30	2.95
12-06-2022		17.05	90.88	11.5	19.85	0.61	16.55	18.64	3.84	11.38	0.67	27.74	56.26	2.65	19.55	0.6	24.71	85.24	7.23	24.41	2.97	27.51	86.01	7.77	26.79	2.99
13-06-2022		38.59	81.19	11.43	25.6	0.75	16.6	16.61	9.66	9.75	1.4	27.57	69.19	3.51	18.82	0.71	27.53	81.11	7.83	33.35	3.00	27.51	86.01	7.77	26.79	2.99
14-06-2022		32.19	86.6	11.52	24.35	0.35	16.61	16.68	0.46	8.94	0.32	30.6	76.25	2.22	17.07	0.33	27.53	81.11	7.83	33.35	3.00	27.53	81.11	7.83	33.35	3.00
15-06-2022		30.48	85.13	11.66	25.77	0.28	16.46	16.62	4.28	2.33	0.25	29.75	73.93	2.58	19.23	0.24	25.63	84.95	8.14	28.44	3.00	25.63	84.95	8.14	28.44	3.00
16-06-2022		25.91	82.45	11.68	33.8	1.01	16.56	16.63	5.93	5.68	0.4	23.01	50.53	3.48	19.49	0.35	22.58	84.03	8.45	32.86	3.00	22.58	84.03	8.45	32.86	3.00
17-06-2022		24.8	82.65	11.37	28.66	0.66	16.5	16.6	5.6	8.2	0.38	35.84	68.83	2.71	22.53	0.56	58.53	88.66	9.08	52.61	3.00	58.53	88.66	9.08	52.61	3.00
18-06-2022		20.43	97.32	11.88	23.61	0.29	16.57	16.44	5.33	7.78	0.36	21.43	40.35	2.64	16.84	0.39	17.09	77.8	8.97	38.73	2.71	17.09	77.8	8.97	38.73	2.71
19-06-2022		17.56	81.9	11.9	19.37	0.25	16.4	16.61	5.21	9.42	0.39	19.3	36.04	3.0	17.18	0.52	16.75	82.77	9.3	35.13	2.85	16.75	82.77	9.3	35.13	2.85
20-06-2022		30.56	64.42	11.83	24.64	0.29	16.58	16.61	4.78	17.4	0.42	23.85	30.34	4.95	5.86	0.64	17.1	80.62	9.76	37.09	2.99	17.1	80.62	9.76	37.09	2.99
21-06-2022		13.79	52.94	11.48	18.27	0.07	16.4	16.59	4.5	8.5	0.41	2.73	17.13	7.75	0.62	0.56	25.15	85.03	9.37	43.05	3.00	25.15	85.03	9.37	43.05	3.00
22-06-2022		18.92	91.22	11.83	21.08	0.38	15.75	16.55	4.64	9.31	0.25	9.01	39.71	2.17	4.5	0.42	25.81	76.15	9.49	41.13	2.99	25.81	76.15	9.49	41.13	2.99
23-06-2022		16.8	61.74	11.9	20.27	0.42	15.96	16.6	2.0	6.95	0.22	11.62	27.03	2.28	9.14	0.3	41.33	77.44	9.69	42.87	2.67	41.33	77.44	9.69	42.87	2.67
24-06-2022		13.44	58.64	11.88	20.67	0.29	16.6	16.62	0.72	4.59	0.19	11.99	26.37	2.62	12.6	0.22	14.86	80.8	10.8	39.51	2.97	14.86	80.8	10.8	39.51	2.97
25-06-2022		14.2	69.51	11.91	14.22	0.3	15.67	16.64	0.86	7.13	0.2	33.27	33.4	1.98	8.77	0.09	17.76	81.14	12.1	48.22	2.89	17.76	81.14	12.1	48.22	2.89
26-06-2022		13.78	80.7	12.01	11.3	0.31	14.89	16.65	1.58	10.3	0.16	18.11	26.74	3.85	8.3	0.16	36.9	88.23	16.4	46.98	3.00	36.9	88.23	16.4	46.98	3.00
27-06-2022		14.88	65.39	11.91	19.6	0.39	12.38	16.65	1.62	6.17	0.18	54.85	78.94	2.5	14.98	0.83										
28-06-2022		16.64	57.59	11.8	24.41	0.61	16.54	16.67	1.8	5.07	0.22	30.48	35.26	2.24	14.86	0.42										
29-06-2022		16.53	60.4	11.71	28.8	0.64	14.23	16.63	1.54	8.77	0.43	37.42	37.91	2.92	15.38	0.28										
30-06-2022		6.49	9.39	11.46	10.84	0.37	15.64	16.66	1.48	7.97	0.4	30.58	45.67	2.89	15.67	0.87										

Analysed by PC communication problem.

Prepared By


P. P. Nandusekar
 Manager (Environment)

Checked By


Dr. Anand Rai
 Vice President (HOD-Environment)

Month
 Jun-22
 Standards

Day
 66
 < 75

Night
 Time
 65
 < 70

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

MONTH : July, 2022

Location	Near Kasumata Temple						Near Coke Oven Plant						Near Goa Gate						Near MSEB Substation						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				
01-07-2022		12.17	92.63	14.07	41.79	2.94	NA	16.64	1.68	4.91	0.26	14.31	42.69	11.71	27.27	0.59	12.89	10.78	NA	NA	2.77	12.89	10.78	NA	NA	2.77				
02-07-2022		11.1	86.54	13.91	20.97	2.44	NA	16.68	1.45	3.93	0.17	45.98	96.03	12.61	46.92	2.63	30.84	87.74	2.34	0	0.94	30.84	87.74	2.34	0	0.94				
03-07-2022		7.3	91.44	13.07	19.09	2.38	NA	16.64	0.81	3.57	0.12	29.34	97.49	12.34	36.59	2.43	84.80	96.96	2.35	4.67	1.11	84.80	96.96	2.35	4.67	1.11				
04-07-2022		10.52	99.77	13.06	24.49	2.67	NA	16.64	1.07	5.26	0.17	24.1	88.55	12.26	31.21	1.05	54.74	83.92	2.52	6.13	0.51	54.74	83.92	2.52	6.13	0.51				
05-07-2022		10.1	96.28	13.01	33.64	2.87	NA	16.65	1.42	5.07	0.21	15.09	43.31	12.12	29	0.94	24.88	51.88	0.14	2.26	0.95	24.88	51.88	0.14	2.26	0.95				
06-07-2022		6.5	72.58	13.24	23.98	2.44	NA	16.68	1.19	4.33	0.14	33.31	96.29	12.56	43.66	1.61	44.84	96.89	8.67	NA	1.96	44.84	96.89	8.67	NA	1.96				
07-07-2022		7.24	83.74	12.86	24.5	2.43	NA	16.64	1.45	11.08	0.29	31.74	96.96	12.71	43.94	1.86	40.46	79.88	2.56	NA	0.83	40.46	79.88	2.56	NA	0.83				
08-07-2022		8.06	39.2	12.39	22.58	2.41	NA	16.67	1.73	6.36	0.14	59.18	92.24	13.17	58.03	1.42	43.51	77.92	0.39	NA	0.14	43.51	77.92	0.39	NA	0.14				
09-07-2022		8.02	21.58	12.1	20.81	2.37	NA	16.6	1.36	8.55	0.1	58.07	98.96	13.59	68.65	1.97	35.02	60.48	8.78	NA	0.67	35.02	60.48	8.78	NA	0.67				
10-07-2022		8.22	23.33	11.11	20.13	2.35	NA	16.64	0.96	6.74	0.13	53.47	99.35	13.82	59.37	1.96	37.76	67.69	4.88	NA	0.2	37.76	67.69	4.88	NA	0.2				
11-07-2022		6.48	23.2	11.14	19.85	2.36	NA	16.65	0.82	6.74	0.16	58.82	97.97	12.69	53.68	1.07	28.07	24.98	4.83	NA	0.13	28.07	24.98	4.83	NA	0.13				
12-07-2022		7.56	63.96	11.18	23.95	2.51	NA	16.62	0.55	10.03	0.43	38.98	95.9	12.4	40.49	1.11	29.52	49.55	4.17	NA	0.22	29.52	49.55	4.17	NA	0.22				
13-07-2022		6.17	18.21	10.8	20.28	2.34	NA	16.65	0.57	5.51	0.08	50.82	91.45	13.54	64.64	2.7	28.37	44.47	4.34	NA	0.29	28.37	44.47	4.34	NA	0.29				
14-07-2022		7	18.14	10.81	20.12	2.35	NA	16.64	0.84	5.36	0.12	56.49	96.03	12.44	69.92	2.53	46.88	15.13	4	NA	0.8	46.88	15.13	4	NA	0.8				
15-07-2022		6.54	43.25	10.39	19.97	2.36	3.74	8.79	10.32	3.4	0.9	44.07	91.05	12.52	53.41	2.29	51.72	93.91	2.9	23.26	2.06	51.72	93.91	2.9	23.26	2.06				
16-07-2022		7.94	49.94	9.84	21.09	2.42	16.58	16.65	5.51	6.03	0.48	50.96	90.86	12.41	51.46	2.85	78.16	92.91	2.25	49.86	2.1	78.16	92.91	2.25	49.86	2.1				
17-07-2022		8.45	40.19	9.77	21.14	2.39	16.63	16.67	8.03	6.25	0.65	40.61	96.45	12.54	41.05	3.59	62.35	94.86	1.87	21.26	0.75	62.35	94.86	1.87	21.26	0.75				
18-07-2022		7.28	25.22	9.54	21.06	2.37	16.61	16.6	6.41	6.28	0.65	40.77	94.54	12.57	31.42	2.24	49.6	87.82	3.24	13.66	0.52	49.6	87.82	3.24	13.66	0.52				
19-07-2022		7.55	27.15	9.34	21.86	2.38	16.58	16.64	1.7	7.55	0.67	39.81	94.21	12.74	40.28	1.97	48.17	89.34	1.21	10.06	0.34	48.17	89.34	1.21	10.06	0.34				
20-07-2022		7.18	33.35	9.21	22.9	2.39	16.58	16.66	1.35	6.74	0.62	36.38	93.6	12.53	46.94	1.49	40.81	76.39	3.2	11.79	0.24	40.81	76.39	3.2	11.79	0.24				
21-07-2022		7.63	94.54	8.89	24.41	2.53	16.6	16.64	3.45	8.58	0.65	29.36	96.83	12.46	31.85	1.15	53.08	85.08	2.36	15.17	0.3	53.08	85.08	2.36	15.17	0.3				
22-07-2022		6.86	25.09	8.83	24.04	2.39	16.58	16.66	2.69	9.37	0.74	29.82	91.16	12.54	28.31	0.71	48.21	80.75	1.05	13.03	0.16	48.21	80.75	1.05	13.03	0.16				
23-07-2022		6.23	60.15	8.67	23.77	2.45	16.54	16.64	2.81	8.13	0.67	39.78	90.02	13.29	48.03	1.99	57.65	97.07	1.44	19.32	0.41	57.65	97.07	1.44	19.32	0.41				
24-07-2022		7.78	87.62	8.83	24.49	2.53	16.6	16.67	1.89	6.86	0.67	42.63	98.39	13.47	49.3	2.83	54.01	96.16	2.26	12.59	0.3	54.01	96.16	2.26	12.59	0.3				
25-07-2022		6.55	50.82	8.38	23.31	2.38	16.64	16.64	5.33	6.59	0.69	36.16	94.26	13.02	72.18	2.49	56.85	93.38	1.93	15.57	0.42	56.85	93.38	1.93	15.57	0.42				
26-07-2022		9.88	91.21	8.35	27.79	2.6	16.6	16.64	2.21	15.42	0.71	25.9	92.62	12.63	31.13	0.96	46.28	79.4	0.66	13.03	0.19	46.28	79.4	0.66	13.03	0.19				
27-07-2022		8.74	96.06	8.64	35.52	2.79	16.58	16.66	2.17	15.82	0.81	20.18	82.72	12.31	31.75	0.66	33.77	45.99	2.36	16.28	0.31	33.77	45.99	2.36	16.28	0.31				
28-07-2022		7.55	43.89	8.45	32.69	2.61	16.63	16.67	3.89	15.51	0.84	18.06	76.09	11.63	26.37	0.54	39.49	62.87	1.49	20.11	0.3	39.49	62.87	1.49	20.11	0.3				
29-07-2022		8.13	57.86	8.06	36.83	2.56	16.58	16.63	3.64	20.43	1	21.59	89.57	11.77	18.94	0.54	54.03	87.4	1.46	20.57	0.31	54.03	87.4	1.46	20.57	0.31				
30-07-2022		6.7	36.07	7.68	31.29	2.5	16.61	16.68	4.86	12.25	0.74	17.19	78.47	12.4	19.32	0.53	61.43	94.52	1.35	17.94	0.24	61.43	94.52	1.35	17.94	0.24				
31-07-2022		7.44	40.05	7.53	28.49	2.49	16.58	16.68	7.43	9.94	0.75	NA	NA	NA	NA	NA	81.03	90.85	1.17	20.36	0.2	81.03	90.85	1.17	20.36	0.2				

Analysed to PC communication problem.

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

Prepared By
P. P. Nandusekar
Manager (Environment)

Month	Day	Night
Jul-22	65	64
Standards	< 75	< 70

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

Location		Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					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					
01-08-2022		8.01	37.68	7.41	29.75	2.5	16.61	16.62	3.43	17.34	0.78	27.09	89.25	11.95	19.81	0.58	42.25	74.6	1.58							
02-08-2022		6.44	87.35	7.49	36.28	2.5	16.6	16.6	2.49	13.29	0.77	28.13	78.98	12.03	22	0.65	51.47	75.43	1.65							
03-08-2022							16.61	16.64	1.62	18.75	0.84	19.9	70.92	12.16	19.11	0.61	42.20	59.53	1.55							
04-08-2022							16.56	16.66	2.12	14.85	0.78	21.06	65.91	12.13	18.53	0.56	31.55	46.02	0.86							
05-08-2022							16.62	16.63	2.57	11.48	0.77	17.84	53.48	12.15	24.16	0.73	34.21	54.23	1.29							
06-08-2022							16.6	16.68	2.45	13.86	0.67	14.92	41.43	12.14	22.26	0.74	21.56	31.63	1.26							
07-08-2022							16.61	16.62	3.24	12.42	0.7	16.1	58.21	12.6	23.12	1.24	21.62	49.04	1.24							
08-08-2022							16.61	16.58	3.46	11.37	0.84	16.61	56.51	12.87	28.19	1.38	12.37	27.34	1.65							
09-08-2022							16.56	16.65	9.48	6.96	0.71	46.15	80.26	13.71	91.2	3.93	Power Supply failure									
10-08-2022							16.59	16.66	2	6.79	0.69	36	79.36	13.63	54.65	3.98										
11-08-2022							13.38	19.45	1.73	7.31	0.67	47.32	84.72	13.65	58.85	3.98	55.70	84.69			59.08					
12-08-2022		32.65	80.69	8.32	56.88	2	1.57	45.59	3.12	8.18	0.64	37.49	70.98	13.54	37.53	1.92	56.87	87.25	1.17		65.50					
13-08-2022							1.64	36.42	2.71	7.81	0.63	32.92	72.97	13.84	49.99	2.99	57.64	80.31	2.00		37.63					
14-08-2022							1.64	56.14	3.23	8.5	0.67	31.93	88.98	13.55	41.28	2.69	40.58	79.87	1.63		48.79					
15-08-2022							1.71	55.04	2.91	7.12	0.65	39.84	95.1	14.25	61.92	4.23	48.35	89.99	2.09		19.86					
16-08-2022		8.69	21.16	5.2	48.44	0.2	1.65	59.38	2.2	9.36	0.71	31.57	84.37	13.68	35.23	3.1	56.13	76.05	3.05		13.41					
17-08-2022		15.62	64.19	6.1	48.65	0.2	1.68	47.94	3.19	10.38	0.69	31.64	93.94	13.66	33.26	2.24	45.13	85.62	12.57		50.26					
18-08-2022		15.54	70.95	6.89	49.73	0.3	1.74	51.3	2.28	13.27	0.74	26.73	64.71	13.95	31.38	2.44	47.69	70.79	2.18		26.32					
19-08-2022		10.89	46.77	6.51	62.98	0.2	1.83	32.56	2.98	9.4	0.73	31.97	87.09	14.16	38.41	2.99	49.12	80.97	1.91		21.13					
20-08-2022		12.55	36.07	7.53	52.72	0.3	1.68	71.1	2.48	13.88	0.74	30.73	86.04	14.01	34.68	2.22	43.08	87.25	1.75		14.75					
21-08-2022		9.47	28.95	8.22	54.08	0.3	1.82	72.65	2.71	10.73	0.64	36.4	79.65	14.9	30.285	1.4	42.65	69.46	1.62		13.97					
22-08-2022		11.78	1.83	8.63	53.83	0.2	2.14	31.27	1.65	7.98	0.69	41.17	83.56	15.14	96.56	2	38.9	65.86	1.24		12.19					
23-08-2022		10.7	25.03	9.17	68.21	0.3	1.93	32.83	1.75	8.91	0.66	33.23	88.47	15.17	63.06	1.31	45.84	90.47	1.52		13.04					
24-08-2022		24.61	27.68	9.21	50.66	0.3	1.67	91.32	1.65	11.52	0.66	35.06	93.25	14.67	50.93	3.82	41.63	76.25	2.14		14.34					
25-08-2022							1.78	79.54	2.99	14.93	0.68	24.98	68.06	14.08	32.24	1.35	32.97	63.67	2.3		12.82					
26-08-2022		25.36	45.58	9.07	14.01	0.3	2.23	84.65	5.59	11.56	0.74	21.77	69.54	14.04	24.18	1.05	33.89	64.81	0.88		15.72					
27-08-2022		23.75	77.61	8.69	17.5	0.3	1.13	88	24.89	0.14	0.72	26.99	86.22	14.05	24.97	1.01	54.25	87.88	1.72		21.87					
28-08-2022		28.9	73.03	8.49	29.37	1	1.46	80.32	1.21	4.53	0.75	23.44	63.55	14.02	21.25	0.99	43.46	88.94	1.46		19.25					
29-08-2022		14.75	75.21	8.42	24.05	0.49	1.77	77.25	0.54	4.5	0.74	21.2	52.9	14.0	19.8	0.9	50.36	88.49	1.47		21.69					
30-08-2022		14.86	49.8	8.09	27.25	0.39	1.87	83.68	1.64	4.5	0.79	30.2	77.0	14.4	42.8	1.0	46.85	87.52	0.74		40.85					
31-08-2022		15.17	57.55	7.97	27.01	0.42						29.0	63.7	14.1	23.3	1.0	48.31	94.4	0.31		22.86					
Month	Day	Night																								
Analyser to PC communication problem.																										

Analysar to PC communication problem.

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

Prepared By
P. P. Nandusekar
Manager (Environment)

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

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MISEB 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	PM2.5	PM10	SO2	NOX	CO
01-09-2022	13.82	39.48	7.98	21.96	0.38	42.15	91.27	4.78	4.71	0.72	23.8	52.13	14.07	19.12	0.84	26.28	45.21	1.54	13.57	0.29	34.53	76.14	0.85	21.94	0.6
02-09-2022	20.82	59.24	7.64	29.09	0.84	34.98	69.16	5.94	4.5	0.88	24.38	45.65	14.21	21.92	0.93	27.76	58.96	1	21.98	0.36	22.14	38.81	2.4	12.99	0.28
03-09-2022	15.34	59.27	7.54	26.83	0.78	31.87	66.04	3.9	4.53	0.79	29.97	76.77	14.19	27.26	2.22	29.08	53.68	0.92	14.69	0.23	25.23	54.53	1.98	28.77	0.26
04-09-2022	16	66.64	7.61	29.35	0.97	Communication problem.					20.52	35.09	14.13	16.44	0.77	47.84	59.5	1.3	38.17	0.59	10.41	53.34	0.75	13.34	0.51
05-09-2022	15.94	99.42	7.59	25.5	0.38						19.77	36.16	14.27	18.17	0.78	7.26	30.52	0.92	16.63	0.39	29.3	47.54	2.22	14.15	0.63
06-09-2022	11.43	59.55	7.33	26.33	0.35	42.86	75.72	2.68	4.66	1.24	26.7	61.64	14.51	50.9	0.89	16.11	69.03	2.04	17.73	0.52	42.73	79.11	1.63	39.91	2
07-09-2022	15.95	67.45	7.11	32.68	0.45	34.06	90.83	2.13	4.59	1.25	26.97	39.75	14.3	38.5	1.28	47.72	81.6	3.14	59.43	2.26	11.35	79.67	2.14	18.23	0.48
08-09-2022	13.85	35.94	7.46	25.8	0.48	32.54	94.23	3.66	4.5	0.98	27.03	42.6	14.1	26.89	1.7	17.5	61.34	2.51	26.93	1.02	4.42	54.82	1.53	13.08	0.39
09-09-2022	12.99	51.01	7.42	26.35	0.52	20.02	89.81	2.07	4.5	0.85	12.19	27.76	13.96	18.47	1	3.59	38.91	2.58	10.57	0.21	17.08	72.49	1.85	25.52	0.94
10-09-2022	16.53	51.03	7.31	29.29	1.03	12.28	82.3	2.36	4.54	0.9	19.28	40.26	14.15	29.77	1.22	12.82	50.89	1.69	17.53	0.31	10.25	74.42	1.87	18.58	0.3
11-09-2022	13.95	14.69	7.2	29.94	0.89	37.26	93.08	3.2	4.53	0.82	21.74	66.25	14.16	24.23	1.07	8	69.05	2.17	16.9	0.41	10.95	61.59	2.19	15.91	0.47
12-09-2022	28.89	55.38	7.06	38.53	1.52	25.5	92.72	2.89	4.5	0.84	20.17	48.42	14.21	37.09	2.6	8.48	45.81	2.13	13.19	0.26	18.73	75.57	1.17	21.13	0.28
13-09-2022	17.3	25.57	7.5	32.31	1.15	3.54	64.96	2.39	4.53	0.73	26.12	67.55	14.16	33.39	2.94	19.27	74.95	0.19	31.71	0.34	6.42	74.34	0.97	26.32	0.32
14-09-2022	12.11	48.64	7.61	44.3	0.42	29.56	82.3	2.57	8.56	0.74	39.05	90.24	14.45	48.66	4.41	2.67	78.1	1.07	26.08	0.59	17.5	61.34	2.51	26.93	1.02
15-09-2022	8.11	29.76	7.49	41.89	0.35	3.32	29.56	2.57	8.56	0.74	39.05	90.24	14.45	48.66	4.41	47.72	81.6	3.14	59.43	2.26	11.35	79.67	2.14	18.23	0.48
16-09-2022	10.01	13.76	7.46	44.81	0.55	4.49	64.86	2.68	10.54	0.73	39.94	89.27	14.73	47.25	3.56	17.5	61.34	2.51	26.93	1.02	4.42	54.82	1.53	13.08	0.39
17-09-2022	17.48	29.73	7.18	46.44	1.87	20.92	96.44	2.95	9.2	0.8	22.02	49.1	14.32	30.53	1.44	3.59	38.91	2.58	10.57	0.21	17.08	72.49	1.85	25.52	0.94
18-09-2022	11.43	23.43	7.19	46.99	1.14	7.01	74.04	2.42	14.45	0.77	22.56	42.49	14.06	30.6	1.73	12.82	50.89	1.69	17.53	0.31	10.25	74.42	1.87	18.58	0.3
19-09-2022	16.94	42.13	7.54	57.6	1.4	15.4	97.75	2.7	33.06	0.91	17.61	30.44	14.02	20.73	0.95	8	69.05	2.17	16.9	0.41	10.95	61.59	2.19	15.91	0.47
20-09-2022	16.4	52.24	7.8	69.35	1.62	36.23	97.94	3.15	22.77	0.94	20.44	40.24	14.16	23.02	1.09	8.48	45.81	2.13	13.19	0.26	18.73	75.57	1.17	21.13	0.28
21-09-2022	13.73	31.37	7.5	57.72	1.41	32.27	90.56	2.01	33.26	0.82	20.51	42.72	14.07	21.41	0.96	19.27	74.95	0.19	31.71	0.34	6.42	74.34	0.97	26.32	0.32
22-09-2022	17	54.53	7.44	65.98	1.61	23.11	78.97	2.68	19.23	0.89	23.38	67.2	14.17	24.81	1.42	2.67	78.1	1.07	26.08	0.59	17.5	61.34	2.51	26.93	1.02
23-09-2022	15.35	53.6	7.65	68.83	1.9	32.47	82.4	3.02	21.36	0.95	24.14	78.65	14.23	19.35	0.92	10.25	74.42	1.87	18.58	0.3	4	69.05	2.17	16.9	0.41
24-09-2022	13.68	55.23	8.11	71.61	1.99	51.57	87.79	3.27	14.86	0.83	17.73	54.11	14.4	20.47	1.28	10.95	61.59	2.19	15.91	0.47	8.48	45.81	2.13	13.19	0.26
25-09-2022	17.9	55.86	8.54	64.24	1.3	43.63	95.45	2.67	14.31	0.73	28.04	68.35	14.53	22.63	1.4	18.73	75.57	1.17	21.13	0.28	19.27	74.95	0.19	31.71	0.34
26-09-2022	31.9	37.63	8.21	61.29	1.17	29.68	94.04	1.58	10.69	0.71	20.16	64.25	14.45	21.88	1.09	13.82	73.23	1.24	28.02	0.29	19.27	74.95	0.19	31.71	0.34
27-09-2022	7.22	15.73	7.85	54.36	0.54	9.3	63.05	3.77	13.39	0.81	26.78	85.93	14.25	26.51	0.94	13.82	73.23	1.24	28.02	0.29	19.27	74.95	0.19	31.71	0.34
28-09-2022	13.85	26.32	7.78	53.83	0.56	9.09	66.56	2.95	16.78	0.87	29.56	69.16	14.67	34.2	1.09	6.42	74.34	0.97	26.32	0.32	19.27	74.95	0.19	31.71	0.34
29-09-2022	9.8	21.54	7.6	55.62	0.55	8.98	65.69	3.24	14.22	0.83	30.96	67.9	14.71	24.38	1.02	2.67	78.1	1.07	26.08	0.59	19.27	74.95	0.19	31.71	0.34
30-09-2022	12.95	26.78	7.54	55.38	0.56	9.34	75.66	3.19	17.54	0.9	38.56	74.04	14.81	25.02	1.02	2.67	78.1	1.07	26.08	0.59	19.27	74.95	0.19	31.71	0.34

Analysed by PC communication problem.

Prepared By


P. P. Nandusekar
 Manager (Environment)

Checked By


Dr. Anand Rai
 Vice President (HOD-Environment)

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

JSW STEEL LIMITED

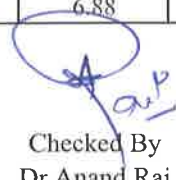
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.

WORK PLACE AIR QUALITY MONITORING REPORT

Sr. No.	LOCATION	DATE	PM10 (µg/m3)	SO ₂ (µg/m3)	NO _x (µg/m3)
A) Sponge Iron Plant					
1	Near Raw Material Handling Area	22/04/2022	1896.97	6.94	21.58
		23/05/2022	1746.02	7.36	22.20
		14/06/2022	1886.74	7.15	21.58
		07-09-2022	1026.63	7.57	22.20
		06-08-2022	1321.20	7.99	23.43
		08/09/2022	1516.67	8.13	23.43
2	Near Raw Material Feeding Area	22/04/2022	1573.91	5.46	26.52
		23/05/2022	1911.59	5.68	28.98
		14/06/2022	1966.86	5.46	29.60
		07-09-2022	1156.88	5.68	28.98
		06-08-2022	916.67	5.46	30.22
		08/09/2022	1572.10	5.73	30.22
3	Near Raw Material Screen Area	22/04/2022	1988.83	5.89	24.05
		23/05/2022	1817.61	6.10	25.90
		14/06/2022	1561.48	5.89	25.28
		07-09-2022	1018.30	5.25	25.90
		06-08-2022	1400.37	5.04	27.13
		08/09/2022	1882.04	4.48	27.13
4	Near Raw Material Silo	22/04/2022	1730.49	5.52	27.75
		23/05/2022	1992.23	5.78	29.29
		14/06/2022	1829.37	6.05	28.56
		07-09-2022	1007.25	5.78	27.75
		06-08-2022	1143.84	6.04	28.52
		08/09/2022	1304.71	5.86	28.52
5	Near Furnace Area	23-04-2022	1883.88	6.31	19.19
		24/05/2022	1594.20	6.54	19.87
		15/06/2022	1277.22	6.77	19.87
		11-07-2022	825.54	6.31	18.50
		08-08-2022	1191.67	6.07	17.81
		09-09-2022	1072.64	6.37	17.81
6	Near Product Screen House	23-04-2022	1917.39	6.77	25.35
		24/05/2022	1894.93	7.24	28.09
		15/06/2022	1813.75	7.47	28.09
		11-07-2022	1657.39	7.24	28.78
		08-08-2022	1794.79	7.71	30.15
		09-09-2022	1915.83	7.87	30.15
7	Near Product Silo	23-04-2022	1664.81	7.78	20.35
		24/05/2022	1552.41	8.20	21.58
		15/06/2022	1646.78	8.20	21.58
		11-07-2022	853.08	7.78	22.20
		08-08-2022	1421.48	7.57	20.97
		09-09-2022	1388.52	7.50	20.97
8	Loading Point	23-04-2022	1529.44	7.36	25.28
		24/05/2022	1262.67	7.78	25.90
		15/06/2022	1352.72	7.57	25.28
		11-07-2022	1277.41	7.36	27.13
		08-08-2022	1141.85	7.36	27.75
		09-09-2022	1154.89	6.88	27.75


Prepared By

P.P. Nandusekar
Manager (Environment)

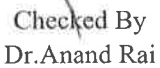

Checked By

Dr. Anand Rai
Vice President (HOD-Environment)

B) Hot Strip Mill Plant					
1	Near Gas Cleaning Plant Stack - I Control Room	06/04/2022	2440.15	6.83	31.60
		03/05/2022	1935.80	6.57	32.38
		10/06/2022	1819.89	6.31	33.15
		05/07/2022	816.67	6.83	33.92
		04/08/2022	1466.48	7.09	34.69
		05/09/2022	1720.19	6.90	34.69
2	Near Gas Cleaning Plant Stack - II Control Room	06/04/2022	2556.82	9.31	29.95
		03/05/2022	2287.69	9.61	29.07
		10/06/2022	2156.82	9.91	29.95
		05/07/2022	1044.75	10.21	31.71
		04/08/2022	1373.70	9.91	34.36
		05/09/2022	1425.93	9.82	34.36
3	Near Electric Arc Furnace Shell No. 1 & 2	06/04/2022	2516.04	8.67	32.38
		03/05/2022	2788.96	8.93	33.92
		10/06/2022	2580.31	9.21	34.73
		05/07/2022	2131.48	9.46	32.38
		04/08/2022	2974.56	9.20	31.60
		05/09/2022	2930.04	9.24	31.60
4	Near Electric Arc Furnace Shell No. 3 & 4	06/04/2022	2662.50	9.31	29.07
		03/05/2022	2923.54	9.61	31.71
		10/06/2022	2915.52	9.32	32.64
		05/07/2022	2916.45	9.61	31.71
		04/08/2022	2823.25	9.31	32.60
		05/09/2022	2993.64	9.97	32.60
5	Near Caster Control Room	06/04/2022	2739.17	6.04	28.52
		03/05/2022	2497.08	6.57	29.29
		10/06/2022	2165.47	6.82	30.02
		05/07/2022	2720.83	6.57	31.60
		04/08/2022	946.21	6.83	32.38
		05/09/2022	1798.86	6.90	32.38
6	Near Mould & Segment Repair Shop	06/04/2022	1527.41	7.51	36.12
		03/05/2022	1744.13	7.81	37.88
		10/06/2022	1277.59	7.51	38.76
		05/07/2022	1009.06	7.21	39.64
		04/08/2022	1195.37	7.51	38.76
		05/09/2022	1640.00	7.29	38.76
7	Mill Area	06/04/2022	1699.43	7.09	34.69
		03/05/2022	1781.06	7.62	35.46
		10/06/2022	1429.82	7.37	34.73
		05/07/2022	1150.72	6.83	37.00
		04/08/2022	1722.22	7.09	37.77
		05/09/2022	1329.26	7.42	37.77
C) Lime Calcining Plant					
1	Near Kiln I & II Lime Dedusting System Area	07-04-2022	1880.98	3.70	34.81
		04-05-2022	1799.09	3.70	35.81
		13/06/2022	2029.47	3.69	34.77
		06/07/2022	1188.26	3.70	33.82
		05-08/2022	1855.00	3.70	34.81
		07-09-2022	2184.44	4.03	34.81
2	Near Product Storage & Quick Lime Building	07-04-2022	2537.12	6.54	25.35
		04-05-2022	2357.77	6.77	26.04
		13/06/2022	1700.09	6.55	25.38
		06/07/2022	1252.22	6.77	26.72
		05-08/2022	2980.68	7.24	24.67
		07-09-2022	2061.17	7.06	24.67


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3	Lime Stone Feeding Building LCP-4	07-04-2022	2178.54	8.41	23.30
		04-05-2022	2676.04	8.64	23.98
		13/06/2022	2756.88	9.11	24.67
		06/07/2022	2157.58	8.87	23.98
		05-08/2022	1299.81	8.17	25.35
		07-09-2022	1872.22	8.22	25.35
4	Lime Dedusting System Area LCP-4	07-04-2022	2057.08	6.10	27.13
		04-05-2022	2809.79	5.89	28.98
		13/06/2022	2874.32	5.67	29.56
		06/07/2022	1918.18	5.46	30.22
		05-08/2022	1550.95	5.68	31.45
		07-09-2022	2129.55	5.94	31.45

D) Blast Furnace

1	Near Stock House	08-04-2022	2477.29	6.77	28.78
		25/05/2022	2856.04	7.24	30.15
		17/06/2022	2979.17	7.47	29.46
		07-07-2022	1234.81	7.71	30.15
		09-08-2022	1092.04	8.17	32.89
		12-09-2022	1382.04	7.52	32.89
2	Near Stove Area	08-04-2022	1553.52	7.47	16.44
		25/05/2022	1569.81	7.71	17.13
		17/06/2022	1292.05	8.17	17.81
		07-07-2022	983.15	7.94	18.50
		09-08-2022	652.72	8.41	17.81
		12-09-2022	1108.51	8.91	17.81
3	Near Cast House (East)	08-04-2022	2377.08	5.68	21.58
		25/05/2022	2441.86	6.10	22.82
		17/06/2022	2117.99	5.68	21.61
		07-07-2022	1605.49	5.89	16.03
		09-08-2022	1660.23	6.10	16.65
		12-09-2022	1768.56	4.58	16.65
4	Near Cast House (West)	08-04-2022	2262.69	5.25	22.20
		25/05/2022	2689.77	5.04	24.05
		17/06/2022	1871.28	5.05	22.85
		07-07-2022	1466.48	5.25	23.43
		09-08-2022	2161.93	5.04	22.20
		12-09-2022	2002.08	5.31	22.20
5	Near Slag Granulation Plant	08-04-2022	1797.78	4.83	20.35
		25/05/2022	1420.93	4.62	21.58
		17/06/2022	1457.41	4.83	20.35
		07-07-2022	918.30	4.62	20.97
		09-08-2022	700.91	4.41	20.35
		12-09-2022	912.86	4.90	20.35
6	Near Pig Casting Machine -I	08-04-2022	2172.22	5.68	22.82
		25/05/2022	2235.93	5.46	23.43
		17/06/2022	1596.48	5.68	24.05
		07-07-2022	1222.41	5.04	22.20
		09-08-2022	1247.78	5.25	21.58
		12-09-2022	1353.28	5.51	21.53
7	Near Pig Casting Machine -II	08-04-2022	2432.96	7.36	24.05
		25/05/2022	2514.81	7.57	25.28
		17/06/2022	1791.48	5.89	25.90
		07-07-2022	1313.33	6.10	26.52
		09-08-2022	1358.70	6.73	28.98
		13-09-2022	1603.15	7.19	28.98

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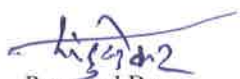
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E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	11-04-2022	2195.64	8.67	33.92
		09-05-2022	1966.86	9.20	34.69
		08-06-2022	1456.57	9.42	36.09
		22--07-2022	1917.36	8.68	37.05
		11/08/2022	1663.45	9.46	37.77
		14-09-2022	1860.98	9.11	37.77
2	Near Flux Screening & Coal Crushing House	11-04-2022	2577.84	8.17	33.57
		09-05-2022	2263.64	8.41	34.94
		08-06-2022	2615.47	8.24	35.90
		22--07-2022	2062.71	7.86	35.96
		11/08/2022	1561.36	8.17	37.00
		14-09-2022	1738.64	7.52	37.00
3	Near Proportioning House	11-04-2022	2549.24	8.64	23.30
		09-05-2022	2337.50	8.87	24.67
		08-06-2022	2902.41	7.24	26.04
		22--07-2022	2780.08	6.76	26.69
		11/08/2022	1971.59	6.77	28.09
		14-09-2022	2105.30	5.90	28.09
4	Near Sintering House	11-04-2022	1365.00	5.46	21.58
		09-05-2022	1369.81	5.25	20.97
		08-06-2022	1514.02	5.68	21.58
		22--07-2022	1453.98	5.46	20.97
		11/08/2022	1310.74	5.25	21.58
		14-09-2022	1270.00	4.90	21.58
5	Near Product Screen House	11-04-2022	2290.34	5.68	20.97
		09-05-2022	2118.18	5.89	20.35
		08-06-2022	2861.10	6.11	22.26
		22--07-2022	2834.43	5.89	24.05
		11/08/2022	1472.35	6.94	25.28
		15-09-2022	1990.53	7.60	25.28
E) Sinter Plant-II					
1	Near Sintering House	13-04-2022	2089.58	6.52	16.65
		11/05/2022	2052.65	6.73	17.27
		20/06/2022	1818.70	6.94	17.88
		15-07-2022	887.32	7.36	17.27
		12-08-2022	722.64	7.57	17.88
		15-09-2022	1301.27	7.50	17.88
2	Near Crushing Bldg.	13-04-2022	2441.29	7.36	23.43
		11/05/2022	2230.30	7.57	22.82
		20/06/2022	1572.48	7.98	23.40
		15-07-2022	2891.67	8.20	22.20
		12-08-2022	1228.80	8.62	21.58
		15-09-2022	1296.74	8.44	21.58
3	Near Screen Building	13-04-2022	2437.04	8.93	33.92
		11/05/2022	1915.74	8.67	33.15
		20/06/2022	1684.51	8.94	33.96
		15-07-2022	1500.74	8.67	34.69
		12-08-2022	1298.91	9.20	33.92
		15-09-2022	1160.14	9.64	33.92
4	Near Product Screen Bldg.	13-04-2022	2606.82	6.77	28.78
		11/05/2022	2675.95	7.24	28.78
		20/06/2022	2616.91	7.48	29.50
		15-07-2022	2080.87	7.24	28.09
		12-08-2022	1815.53	7.47	28.78
		15-09-2022	1741.67	7.87	28.78


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5	Near Mixing & Nodulizer Area	13-04-2022	2600.76	8.17	30.15
		11/05/2022	2582.20	7.94	26.72
		20/06/2022	2912.50	8.41	28.09
		15-07-2022	2767.76	8.64	26.72
		12-08-2022	1989.39	8.87	28.09
		15-09-2022	1988.83	8.68	28.09
6	Near Sintering Machine	13-04-2022	1387.96	5.46	25.28
		11/05/2022	1198.33	5.89	25.28
		20/06/2022	1229.98	5.68	26.55
		15-07-2022	902.54	5.25	27.13
		12-08-2022	1458.89	5.46	26.52
		15-09-2022	1342.59	4.79	26.52

F) BILLET CASTER

1	Near Laddel Furnace Area	12-04-2022	2450.76	8.20	28.37
		13/05/2022	2952.84	8.62	28.98
		22/06/2022	2020.81	8.82	28.33
		12-07-2022	2251.70	9.25	30.22
		16/08/2022	2030.74	9.46	31.45
		17/09/2022	1986.48	9.79	31.45
2	Near Casting Floor (Control room) 10.6 m	12-04-2022	2579.92	9.20	37.00
		13/5/2022	2687.31	9.46	35.46
		22/06/2022	2227.46	9.72	37.77
		12/07/2022	2572.54	9.46	39.31
		16/08/2022	2437.88	9.72	40.85
		17/09/2022	2304.36	9.24	40.85
3	Near Billet Caster Torch Cutter Machine	12-04-2022	1487.96	8.64	29.46
		13/05/2022	2288.15	9.11	30.83
		22/06/2022	2028.15	9.58	32.20
		12-07-2022	2032.01	10.04	32.89
		16/08/2022	1853.89	10.28	32.20
		17/09/2022	1992.41	10.65	32.20

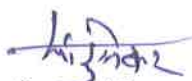
G) BAR MILL

1	Near CP2 Furnace Mill Area	12-04-2022	2381.85	7.36	26.52
		12-05-2022	2328.52	7.15	27.13
		23/06/2022	1843.52	7.57	27.75
		13/07/2022	1780.30	7.78	27.13
		17/08/2022	1926.33	8.20	27.75
		19/09/2022	1971.02	8.85	27.75
2	Near Bed Cooling (zero meter) Mill Area	12-04-2022	2368.37	7.78	22.20
		12-05-2022	1984.47	7.57	21.58
		23/06/2022	2246.75	7.37	22.23
		13-07-2022	2151.33	7.99	20.97
		17-08-2022	2173.48	7.78	21.58
		19/09/2022	1716.48	7.92	21.58


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H) Coke oven II					
1	Coal Blending Area.	20-04-2022	2299.44	6.10	22.82
		17/05/2022	2107.04	5.89	22.20
		29/06/2022	1467.23	6.10	22.82
		23-07-2022	1311.11	6.52	22.20
		25-08-2022	1547.22	6.73	21.58
		24-09-2022	1872.41	6.88	21.58
2	coke oven battary wharf Area A	20-04-2022	2858.33	8.62	17.27
		17/05/2022	2593.75	8.83	16.65
		29/06/2022	1101.63	9.25	16.03
		23-07-2022	2406.44	9.46	15.42
		25-08-2022	1798.11	9.25	17.88
		24-09-2022	2014.02	9.58	17.88
3	coke oven battary wharf G D S B	20-04-2022	2504.81	9.04	20.97
		17/05/2022	2828.33	9.46	20.35
		29/06/2022	1504.89	9.46	20.97
		23-07-2022	2386.93	8.62	20.35
		25-08-2022	1458.52	8.62	20.97
		24-09-2022	2109.07	9.17	20.97
4	Coke Screening Area.	20-04-2022	2060.37	7.57	25.28
		17/05/2022	2511.11	7.36	25.90
		29/06/2022	2108.32	7.58	25.31
		23-07-2022	2609.17	6.94	25.90
		25-08-2022	2192.80	7.36	26.52
		24-09-2022	2341.29	7.50	26.52
5	Near Coke Cutter Area.	20-04-2022	2984.85	5.68	22.20
		17/05/2022	2526.52	5.89	23.43
		29/06/2022	1918.37	5.68	24.05
		23-07-2022	1646.59	6.10	22.82
		25-08-2022	1573.52	6.73	23.43
		24-09-2022	2151.30	6.35	23.43
6	Secondary Crusher BIENDING	20-04-2022	2129.63	5.46	19.12
		17/05/2022	2814.81	5.89	20.35
		29/06/2022	1782.58	5.46	21.58
		23-07-2022	1975.56	5.25	20.94
		25-08-2022	1735.74	5.46	22.20
		24-09-2022	1930.56	6.15	22.20


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JSW STEEL 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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³				
Plant Capacity: 3.0 MTPA										Particulate Matter (PM)	SO ₂	NOx	CO
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	06/04/2022 10:00Hrs	8643.0	17.22	21.00	21.9	18.0	12.0	
						01/05/2022 09:30Hrs	9490.0	17.44	28.00	19.3	16.0	28	
						21/06/2022 10:05Hrs	9349.0	17.34	7.26	16.0	28.0	20	
						11/07/2022 10:25Hrs	7448.0	16.42	7.86	4.4	25.0	14.0	
						16/08/2022 14:30Hrs	9637.0	17.85	7.98	5.0	45.4	30.94	
						16/09/2022 10:22Hrs	9198.0	16.08	5.61	8.4	20.4	10	
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	06/04/2022 14:10Hrs	8643.0	18.34	32.00	21.1	16.00	19.6	
						01/05/2022 14:45Hrs	9490.0	18.44	42.00	16.1	19.00	33	
						21/06/2022 11:25Hrs	9349.0	16.68	6.61	21.1	31.00	20	
						11/07/2022 12:31Hrs	7448.0	16.20	5.88	4.5	22.00	15.0	
						16/08/2022 15:32Hrs	9637.0	14.95	12.33	5.0	47.00	33	
						16/09/2022 14:12Hrs	9198.0	16.06	7.90	7.9	21.49	15	
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	06/04/2022 16:41Hrs	8643.0	6	28	<1	<1	NA	
						01/05/2022 13:00Hrs	9490.0	6.25	34.00	<1	<1	NA	
						21/06/2022 12:15Hrs	9349.0	5.86	5.95	<1	<1	NA	
						11/07/2022 15:35 Hrs	7448.0	6.00	6.00	<1	<1	NA	
						16/08/2022 16:42Hrs	9637.0	6	6	<1	<1	NA	
						16/09/2022 16:35Hrs	9198.0	6	6	<1	<1	NA	
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	27/04/2022 10:04Hrs	10231.0	5.30	11.35	37.0	24.97	19	
						02/05/2022 10:15Hrs	8455.0	5.80	11.50	13.4	14.32	1.05	
						22/06/2022 10:25Hrs	7646.0	8.00	13.60	10.3	26.81	2.98	
						21/07/2022 10:10Hrs	3674.0	7.80	13.94	12.0	23.00	16.0	
						10/08/2022 10:00Hrs	7858.0	7.50	13.84	26.0	29.00	15	
						13/09/2022 10:15Hrs	10170.0	6.80	13.93	23.0	16.00	18	

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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	27/04/2022 12:28Hrs	10231.0	5.80	9.96	23.3	26.00	1.3
						02/05/2022 12:30Hrs	8455.0	6.10	9.97	14.0	22.00	2.26
						22/06/2022 12:05Hrs	7646.0	7.00	9.98	19.0	21.00	27.34
						21/07/2022 12:15Hrs	3674.0	7.90	9.98	17.0	20.00	23.0
						10/08/2022 11:13Hrs	7858.0	6.80	9.99	16.4	9.38	7.77
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	13/09/2022 12:22Hrs	10170.0	7.20	9.98	15.0	14.77	19
						27/04/2022 15:10Hrs	10231.0	6.20	8.65	19.0	15.00	5.23
						03/05/2022 16:30Hrs	9057.0	6.50	4.56	23.0	14.00	21.18
						22/06/2022 15:20Hrs	7646.0	7.50	5.11	25.0	18.00	2.22
						21/07/2022 15:22Hrs	3674.0	6.80	7.56	25.0	17.00	4.50
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	10/08/2022 15:27Hrs	7858.0	7.30	7.41	23.0	13.00	8.00
						13/09/2022 14:28Hrs	10170.0	6.90	8.58	16.0	28.54	15.00
						27/04/2022 16:14Hrs	10231.0	6.90	8.21	15.0	21.00	28.0
						03/05/2022 12:45Hrs	9057.0	7.00	8.18	25.2	18.00	22.00
						22/06/2022 16:22Hrs	7646.0	7.80	8.11	18.0	25.00	1.41
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	21/07/2022 16:25 Hrs	3674.0	8.00	9.90	17.0	21.00	5.2
						10/08/2022 16:12Hrs	7858.0	6.80	8.20	15.0	18.00	7.60
						13/09/2022 16:35Hrs	10170.0	7.20	8.23	19.0	12.00	21.00
						12/04/2022 12:04Hrs	0.7	7.00	25.00	22.0	31.00	28.00
						Not in operation						
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	14/04/2022 12:20Hrs	9407.0	6.90	42.00	NA	NA	NA
						01/05/2022 12:10Hrs	9490.0	5.60	41.00	NA	NA	NA
						04/06/2022 10:30Hrs	9567.0	5.20	28.00	NA	NA	NA
						13/07/2022 11:25Hrs	3593.0	5.60	26.00	NA	NA	NA
						01/08/2022 10:45Hrs	6776.0	5.20	28.00	NA	NA	NA
						09/09/2022 11:25Hrs	85636.0	5.00	28.00	NA	NA	NA
						CPCB Norms		<100	NA	50.00	NA	

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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
Plant Capacity: 0.44 MTPA												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	09/04/2022 10:05Hrs	292	5	17	NA	NA	NA
						03/05/2022 13:18Hrs	472	4	18	NA	NA	NA
						Not in operation						
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	12/04/2022 11:00Hrs	300.0	25.3	38.00	27.51	18.0	25.0
						03/05/2022 08:45Hrs	275.0	28.6	38.00	24.00	21.0	3.6
						Not in operation						
						30/07/2022 12:05Hrs	276.0	13.0	16.00	21.00	25.0	19.0
						30/08/2022 10:22Hrs	300.0	12.0	21.00	15.00	18.0	21.0
						22/09/2022 11:10Hrs	300.0	12.5	12.34	14.00	17.0	13.0
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	12/04/2022 14:04Hrs	300.0	19.1	42.00	27.67	21.0	26.0
						03/05/2022 10:30Hrs	197.0	16.3	45.00	18.60	23.2	1.6
						06/06/2022 10:15Hrs	169.0	16.0	28.00	24.00	23.0	19.0
						02/07/2022 10:05 Hrs	300.0	20.6	7.10	15.00	19.0	17.0
						24/08/2022 15:40Hrs	240.0	17.8	8.15	11.00	17.0	21.0
						14/09/2022 10:05Hrs	300.0	23.3	6.95	16.00	13.0	17.0
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	09/04/2022 11:55Hrs	292.0	6.1	20.00	NA	NA	NA
						03/05/2022 14:32Hrs	472.0	6.8	25.00	NA	NA	NA
						06/06/2022 12:05Hrs	169.0	6.6	18.00	NA	NA	NA
						12/07/2022 10:25Hrs	294.0	5.3	18.00	NA	NA	NA
						24/08/2022 10:35Hrs	540.0	4.8	6.51	NA	NA	NA
						03/09/2022 10:22Hrs	577.0	5.2	18.00	NA	NA	NA

Not in operation

Not in operation



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


Prepared By
P.P. Nandusekar
Manager (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 and MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	18/04/2022 14:15Hrs 09/05/2022 12:05Hrs 02/06/2022 14:22Hrs	580 562 264	6 5 5	18 15 16	NA NA NA	NA NA NA	NA NA NA
Not in operation due to high Moisture in rainy season												
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	18/04/2022 14:12Hrs 09/05/2022 10:32Hrs 06/06/2022 14:28Hrs 02/07/2022 12:18 Hrs 24/08/2022 14:00Hrs 14/09/2022 11:15Hrs	580.0 562.0 264.0 570.0 570.0 546.0	12.00 11.50 14.00 12.00 16.00 14.00	46.00 21.00 21.00 16.00 23.38 18.00	14.0 18.0 16.0 13.0 13.0 15.0	18.00 21.00 21.00 18.00 18.00 17.00	25.0 23.0 27.0 20.0 20.0 22.0
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	18/04/2022 16:36Hrs 09/05/2022 15:11Hrs 06/06/2022 16:26Hrs 12/07/2022 12:05 Hrs 24/08/2022 16:15Hrs 03/09/2022 11:55Hrs	580.0 562.0 264.0 558.0 570 546	7.50 6.20 6.50 6.00 5 6	31.00 18.00 18.00 19.00 16 21	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
8	Kiln - IV Stack	Kiln - IV	58	1.3	Bag Filters	18/04/2022 12:28Hrs 10/05/2022 10:45Hrs 25/06/2022 10:36Hrs 12/07/2022 11:20 Hrs 30/08/2022 12:02Hrs 16/09/2022 11:00Hrs	229.0 580.0 495.0 489 499 546	12.50 13.00 13.00 12.8 14.0 14.0	44.00 23.00 22.00 22.0 24.0 5.6	18.5 18.5 17.0 19.00 16.00 27.03	26.29 26.29 23.00 22.00 19.00 47.74	1.7 1.7 19.0 16 22 18

Prepared By
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Checked By
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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
9	Lime Stone De-dusting system stack for Kiln IV	Lime Stone Dedusting System	35	1.4	Bag Filters	09/04/2022 14:15Hrs 10/05/2022 12:00Hrs 25/06/2022 12:13Hrs	229 580.0 495.0	5 4.10 4.80	15 16.00 18.00	NA NA NA	NA NA NA	NA NA NA
Not in operation due to high Moisture in rainy season												
10	Lime De-dusting system Stack for Kiln IV	Lime Dedusting System	31	0.960	Bag Filters	09/04/2022 16:25Hrs 10/05/2022 16:15Hrs 25/06/2022 14:50Hrs 12/07/2022 15:15Hrs 30/08/2022 15:25Hrs 03/09/2022 14:15Hrs	229.0 580.0 495.0 489 499 546	5.30 6.00 5.00 5 5.0 5.8	20.00 19.00 21.00 16 16.0 22.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
									CPCB Norms			
									<100			

Plant Capacity: 2.0 MTPA												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	14/04/2022 14:25Hrs 11/05/2022 15:28Hrs 02/06/2022 16:45Hrs 16/07/2022 12:25Hrs 01/08/2022 16:45 Hrs 05/09/2022 12:35Hrs	3897.0 3846.0 3655.0 2441.0 3814.0 3488.0	38.0 42.0 42.0 38.0 39.2 38.0	12.00 8.80 10.00 12.00 12.00 8.80	26.0 28.0 25.0 22.0 20.2 13.4	32.0 38.0 33.0 27.0 27.2 17.0	29 42 27 31 28.19 3.17
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	14/04/2022 10:05Hrs 11/05/2022 11:08Hrs 01/06/2022 10:05Hrs 01/07/2022 10:0Hrs 01/08/2022 10:31 Hrs 05/09/2022 10:05Hrs	3897.0 3846.0 3859.0 3756.0 3814.0 3488.0	7.2 7.0 6.0 6.8 5.8 5.2	26.00 28.00 27.00 29.00 7.29 7.61	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA


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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
3	Screen Dust Collector Stack C304	Product screen Area	30	0.9	Venturi Scrubber	11/04/2022 14:00Hrs	3848.0	6.9	22.00	NA	NA	NA
						06/05/2022 10:15Hrs	3950.0	5.90	25.00	NA	NA	NA
						01/06/2022 12:15Hrs	3859.0	5.00	24.00	NA	NA	NA
						01/07/2022 12:02Hrs	3756.0	7.0	25.00	NA	NA	NA
						01/08/2022 12:05 Hrs	3814.0	4.3	23.00	NA	NA	NA
4	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	02/09/2022 10:15Hrs	3794.0	5.0	26.00	NA	NA	NA
						11/04/2022 10:45Hrs	3848.0	7.80	28.00	NA	NA	NA
						06/05/2022 12:05Hrs	3950	7	32	NA	NA	NA
						01/06/2022 14:25Hrs	3859	6	32	NA	NA	NA
						01/07/2022 14:18 Hrs	3756.0	6.90	32.00	NA	NA	NA
5	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	02/08/2022 12:15 Hrs	3892.0	6.00	24.47	NA	NA	NA
						02/09/2022 12:05Hrs	3794.0	5.80	22.37	NA	NA	NA
						11/04/2022 12:25Hrs	3848	7	25	NA	NA	NA
						06/05/2022 14:42Hrs	3950	5	26	NA	NA	NA
6	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	16/07/2022 15:45 Hrs	2441	5	21	NA	NA	NA
						17/08/2022 16:15 Hrs	3884	5	24	NA	NA	NA
						02/09/2022 14:25Hrs	3794	4	26	NA	NA	NA
						22/04/2022 14:10Hrs	3606	6	28	NA	NA	NA
						06/05/2022 16:21Hrs	3950	4	23	NA	NA	NA
						01/06/2022 15:28Hrs	3859	4	19	NA	NA	NA
						01/07/2022 15:28 Hrs	2441	5	23	NA	NA	NA
						02/08/2022 11:05 Hrs	3892	5	10	NA	NA	NA
						02/09/2022 16:22Hrs	3794	5	8	NA	NA	NA
							CPCB Norms		< 50			



Checked By
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Vice President (HOD-Environment)



Prepared By
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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
Plant Capacity: 3.5 MTPA												
Not in operation												
IV	Blast Furnace Plant											
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters							
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	07/04/2022 12:00Hrs	95856.0	6.9	32.0	NA	NA	NA
						20/05/2022 09:15Hrs	10023.0	7.4	26.8	NA	NA	NA
						23/06/2022 11:15Hrs	4443.0	8.0	32.0	NA	NA	NA
						08/07/2022 12:10 Hrs	7736.0	6.5	13.3	NA	Na	NA
						27/08/2022 12:02Hrs	9724.0	7.0	28.0	NA	NA	NA
						22/09/2022 15:45Hrs	10183.0	7.6	32.0	NA	NA*	NA
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	14/04/2022 16:40Hrs	9466.0	10.2	10.2	25.00	28.00	38.00
						24/05/2022 11:30Hrs	10029.0	12.0	9.5	31.00	25.00	42.0
						23/06/2022 12:29Hrs	4443.0	9.5	8.5	15.00	26.00	32.0
						08/07/2022 16:25 Hrs	7736.0	8.2	9.5	28.00	20.00	33.0
						27/08/2022 16:28Hrs	9724.0	9.5	8.8	28.00	20.00	33.00
						26/09/2022 10:15Hrs	9184.0	11.0	8.8	27.00	22.00	31.00
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	06/04/2022 11:45Hrs	9433.0	13.7	8.1	NA	NA	NA
						08/05/2022 15:45Hrs	9775	13	8	NA	NA	NA
						23/06/2022 10:25Hrs	4443.0	10.6	10.0	NA	NA	NA
						08/07/2022 10:25Hrs	7736.0	10.6	12.0	NA	NA	NA
						27/08/2022 14:12Hrs	9724.0	10.5	14.0	NA	NA	NA
						22/09/2022 14:35Hrs	10183.0	11.7	5.8	NA	NA	NA


Prepared By


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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 and MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	08/04/2022 10:00Hrs	5.0	6.8	22.0	26.00	28.00	32.00
						25/05/2022 10:05Hrs	10032.0	6.7	19.0	23.00	28.00	33.00
						19/06/2022 11:15Hrs	5.6	7.5	19.0	24.00	26.00	30.00
						14/07/2022 10:35 Hrs	47.0	8.2	21.0	26.00	29.00	34.0
						11/08/2022 11:10Hrs	0.4	6.8	18.0	18.00	22.00	26.00
						20/09/2022 12:25Hrs	4144.0	6.2	12.0	21.00	29.00	14.00
6	Coal Injection Plant	Coal Injection Unit	60.5	1.7	Bag Filters	08/04/2022 14:25Hrs	10044.0	7.8	32.0	NA	NA	NA
						23/05/2022 16:10Hrs	9822.0	7.2	33.0	NA	NA	NA
						18/06/2022 10:00Hrs	8182.0	7.8	33.0	NA	NA	NA
						28/07/2022 11:25Hrs	9616.0	7.7	28.0	NA	NA	NA
						11/08/2022 14:50Hrs	9520.0	6.9	32.0	NA	NA	NA
						20/09/2022 11:05Hrs	4144.0	7.2	38.0	NA	NA	NA
CPCB Norms						<50	250.0	150	NA			

V Sinter Plant -I

Plant Capacity: 2.8 MTPA

1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	01/04/2022 10:10Hrs	6683.0	7.10	19.00	NA	NA	NA
						14/05/2022 10:15Hrs	7335.0	6.50	25.00	NA	NA	NA
						15/06/2022 10:20Hrs	7203.0	6.00	26.00	NA	NA	NA
						04/07/2022 10:13 Hrs	7286.0	6.80	22.00	NA	NA	NA
						25/08/2022 10:25Hrs	6751.0	5.60	22.00	NA	NA	NA
						10/09/2022 10:17Hrs	5753.0	6.50	24.00	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	01/04/2022 12:25Hrs	6683.0	7.60	26.00	NA	NA	NA
						14/05/2022 12:28Hrs	7335.0	6.50	28.00	NA	NA	NA
						15/06/2022 12:18Hrs	7203.0	7.20	29.00	NA	NA	NA
						04/07/2022 12:00 Hrs	7286.0	7.10	27.00	NA	NA	NA
						25/08/2022 12:05Hrs	6751.0	6.20	25.00	NA	NA	NA
						10/09/2022 12:00Hrs	5753.0	6.80	28.00	NA	NA	NA

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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	01/04/2022 14:35Hrs	6683.0	7.50	28.00	NA	NA	NA
						14/05/2022 15:05Hrs	7335.0	7.00	35.00	NA	NA	NA
						15/06/2022 15:38Hrs	7203.0	6.00	32.00	NA	NA	NA
						04/07/2022 14:33 Hrs	7286.0	7.80	32.00	NA	NA	NA
						25/08/2022 15:40Hrs	6751.0	6.00	27.00	NA	NA	NA
						10/09/2022 14:22Hrs	5753.0	7.10	31.00	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	07/04/2022 14:15Hrs	7184.0	8.50	48.00	35.00	42.00	47.00
						18/05/2022 09:30Hrs	6883.0	9.21	48.93	38.00	38.50	46.00
						16/06/2022 11:19Hrs	7220.0	9.31	47.80	42.00	32.00	48.00
						06/07/2022 15:55Hrs	6267.0	9.24	47.60	37.00	42.00	46.00
						09/08/2022 12:22Hrs	6883.0	9.08	44.00	29.00	38.00	43.00
						10/09/2022 16:07Hrs	5753.0	6.22	41.21	18.00	13.00	28.00
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	07/04/2022 16:10Hrs	7184.0	9.96	42.00	NA	NA	NA
						10/05/2022 14:30Hrs	7022.0	9.84	42.31	NA	NA	NA
						16/06/2022 15:35Hrs	7220.0	10.24	42.00	NA	NA	NA
						04/07/2022 16:10 Hrs	7286.0	9.87	36.00	NA	NA	NA
						09/08/2022 10:30Hrs	6883.0	9.66	38.00	NA	NA	NA
						10/09/2022 17:15Hrs	5753.0	9.89	39.50	NA	NA	NA

VI Sinter Plant -II

Plant Capacity: 2.5 MTPA

1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	07/04/2022 10:25Hrs	7724.0	18.5	13.1	27.0	33.0	42.0
						19/05/2022 10:00Hrs	7916.0	18.5	24.0	32.0	39.0	42.6
						08/06/2022 10:11Hrs	4740.0	18.4	25.0	29.7	37.0	28.0
						06/07/2022 14:15 Hrs	6729.0	19.6	28.0	38.5	41.0	39.0
						16/08/2022 10:05Hrs	7015.0	19.6	17.6	28.0	38.0	11.8
						22/09/2022 10:34Hrs	8156.0	19.4	28.0	22.0	33.0	17.0



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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	04/04/2022 15:10Hrs	3134	7	15	NA	NA	NA
						07/05/2022 10:12Hrs	7916	6.0	15.0	NA	NA	NA
						08/06/2022 12:05Hrs	4740	6.0	18.0	NA	NA	NA
						05/07/2022 10:10 Hrs	5855.0	6.0	18.0	NA	NA	NA
						22/08/2022 10:28 Hrs	7836	5	15	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	01/09/2022 10:02Hrs	7841	7	18	NA	NA	NA
						05/04/2022 10:05Hrs	7783.0	7.0	21.0	NA	NA	NA
						07/05/2022 12:25Hrs	7916.0	5.8	22.0	NA	NA	NA
						08/06/2022 14:22Hrs	4740.0	5.8	21.0	NA	NA	NA
						05/07/2022 12:05 Hrs	5855.0	6.0	160.0	NA	NA	NA
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	22/08/2022 12:00 Hrs	7836.0	5.8	18.0	NA	NA	NA
						01/09/2022 11:15Hrs	7841.0	5.8	21.0	NA	NA	NA
						05/04/2022 12:00Hrs	7783.0	7.2	23.0	NA	NA	NA
						07/05/2022 15:28Hrs	7916.0	6.3	26.0	NA	NA	NA
						08/06/2022 16:21Hrs	4740.0	6.0	25.0	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	05/07/2022 15:03Hrs	5855.0	6.7	26.0	NA	NA	NA
						22/08/2022 15:22 Hrs	7836.0	4.5	23.0	NA	NA	NA
						01/09/2022 12:32Hrs	7841.0	5.6	25.0	NA	NA	NA
						05/04/2022 14:10Hrs	7783.0	6.8	22.0	NA	NA	NA
						04/05/2022 10:20Hrs	7622.0	5.4	24.0	NA	NA	NA
						10/06/2022 10:10Hrs	9116.0	5.3	22.0	NA	NA	NA
						05/07/2022 16:23 Hrs	5855.0	6.8	260.0	NA	NA	NA
						08/08/2022 16:25 Hrs	7378.0	5.2	25.0	NA	NA	NA
						01/09/2022 15:45Hrs	7841.0	6.0	28.0	NA	NA	NA

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Manager (Environment)

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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	05/04/2022 16:25Hrs 04/05/2022 12:18Hrs 10/06/2022 12:12Hrs 07/07/2022 10:20 Hrs 08/08/2022 15:10 Hrs 05/09/2022 14:05Hrs	7783.0 7622.0 9116.0 7295.0 7378.0 6232.0	6.0 6.0 5.8 7.0 6.0 6.2	25.0 29.0 26.0 28.0 22.0 32.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	04/04/2022 12:45Hrs 04/05/2022 14:38Hrs 10/06/2022 14:28Hrs 07/07/2022 12:33 Hrs 08/08/2022 12:05 Hrs 05/09/2022 15:25Hrs	3134.0 7622.0 9116.0 7295.0 7378.0 6232.0	5.8 4.2 4.8 7.0 4.0 5.0	16.0 13.0 16.0 28.0 16.0 18.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	04/04/2022 10:15Hrs 04/05/2022 16:52Hrs 10/06/2022 16:23Hrs 07/07/2022 15:25 Hrs 08/08/2022 10:25 Hrs 05/09/2022 16:13Hrs	3134 7622 9116.0 7295 7378.0 6232.0	6 5 4 6 4.1 5.3	18 18 18 18 17.0 22.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
VII Captive Power Plant (55 MW)							CPCB Norms					

1	Boiler Stack	Boiler	40	5.0	Blower	15/04/2022 11:00 Hrs 24/05/2022 11:30Hrs 11/06/2022 15:00Hrs 28/07/2022 15:45 Hrs 17/08/2022 14:45 Hrs 20/09/2022 14:00Hrs	53 53 53 53 52 53	12.0 13 14 13.2 12 11.5	5.6 6.8 1.8 2.3 5.6 4.3	10 12.0 18.0 19 22.0 20.0	28 18.0 22.0 23 26.0 23.0	25 28.0 28.0 26 25.0 26.0
							CPCB Norms					


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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 and MWh)	Flow rate of the flue gas • m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)												
1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	02/04/2022 12:40Hrs	362.0	10.00	18.00	15.0	19.0	24
						02/05/2022 16:15Hrs	2787.0	7.20	23.00	17.0	21.0	25
						03/06/2022 10:35Hrs	3940.0	8.27	5.68	26.2	10.1	12.62
						25/07/2022 14:28 Hrs	4132.0	8.25	5.54	15.4	24.5	20.75
						11/08/2022 12:10Hrs	3488.0	12.00	5.68	21.0	26.0	20
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	09/09/2022 14:35Hrs	3391.0	7.58	4.99	10.2	15.0	14.17
						02/04/2022 10:45Hrs	3013.0	14.50	14.00	23	29	37
						02/05/2022 11:00Hrs	2847.0	15.0	12.0	18.00	25	29
						03/06/2022 14:42Hrs	3111.0	14.0	12.0	21.00	26	31
						25/07/2022 14:28 Hrs	4020.0	14.00	8.50	21	26	31
						20/08/2022 12:32Hrs	2431.0	15.0	10.0	25.00	31.75	20.43
						23/09/2022 11:25Hrs	2584.0	18.0	9.8	28.00	32	39
						CPCB Norms			NA	NA	NA	

IX Coke oven Plant -II

Plant Capacity: 2.5 MTPA

1	Coke Oven Battery Main Stack 1	150	11.0	Electrostatic Precipitators	27/04/2022 14:15Hrs	7168	9	48	128	123	172
					17/05/2022 11:32Hrs	7147.0	8.5	48.0	128.0	123.0	172
					14/06/2022 16:10Hrs	6548.0	8.5	48.3	142.0	125.0	122
					23/07/2022 16:25Hrs	6175.0	8.5	48.3	142.0	125.0	122.0
					18/08/2022 14:45 Hrs	7260.0	7.8	46.5	139.0	128.0	132.0
2	Coke Oven Battery Fushing	30	2.8	Bag Filters	19/09/2022 15:25Hrs	7292.0	7.5	47.6	125.0	129.0	138.0
					27/04/2022 10:15Hrs	7168.0	8.9	10.5	NA	NA	NA
					12/05/2022 10:02Hrs	7238.0	7.0	9.9	NA	NA	NA
					14/06/2022 10:20Hrs	6548.0	7.5	10.0	NA	NA	NA
					23/07/2022 10:00 Hrs	6175.0	7.5	9.8	NA	NA	NA
					18/08/2022 10:10 Hrs	7260.0	6.8	10.0	NA	NA	NA
					19/09/2022 10:00Hrs	7292.0	6.1	9.6	NA	NA	NA

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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
3	Coke Oven Battery Charging Side		29.5	1.5	Bag Filters	27/04/2022 11:45Hrs	7168.0	9.2	15.0	NA	NA	NA
						12/05/2022 11:45Hrs	7238.0	7.5	12.0	NA	NA	NA
						14/06/2022 12:05Hrs	6548.0	7.8	12.0	NA	NA	NA
						23/07/2022 12:05 Hrs	6175.0	7.8	11.0	NA	NA	NA
						18/08/2022 12:05 Hrs	7260.0	7.2	11.2	NA	NA	NA
4	Coal Crushing		19.5	1.5	Bag Filters	19/09/2022 11:35Hrs	7292.0	7.0	10.0	NA	NA	NA
						16/04/2022 10:05Hrs	7118.0	7.9	25.0	NA	NA	NA
						12/05/2022 16:02Hrs	7238.0	5.6	22.0	NA	NA	NA
						09/06/2022 10:12Hrs	7105.0	6.0	21.0	NA	NA	NA
						20/07/2022 10:12 Hrs	6175.0	5.2	17.0	NA	NA	NA
5	Coke Cutting		25	1.8	Bag Filters	19/08/2022 10:25 Hrs	7260.0	4.5	22.0	NA	NA	NA
						12/09/2022 10:25Hrs	7227.0	5.0	20.0	NA	NA	NA
						16/04/2022 14:20Hrs	7118.0	8.0	18	NA	NA	NA
						17/05/2022 14:08Hrs	7147.0	6	19	NA	NA	NA
						09/06/2022 12:25Hrs	7105.0	6	16	NA	NA	NA
6	Coke Bunker		30	2.5	Bag Filters	20/07/2022 12:02 Hrs	6156.0	6	16	NA	NA	NA
						19/08/2022 12:15 Hrs	7282.0	4.8	25	NA	NA	NA
						12/09/2022 14:45Hrs	7227	5	22	NA	NA	NA
						16/04/2022 12:00Hrs	7118.0	7.5	22.0	NA	NA	NA
						12/05/2022 14:12Hrs	7238.0	6.2	27.0	NA	NA	NA
7	Boiler		30	1.0	Bag Filters	09/06/2022 14:28Hrs	7105.0	7.0	23.0	NA	NA	NA
						20/07/2022 14:14 Hrs	6156.0	6.8	22.0	NA	NA	NA
						19/08/2022 14:28 Hrs	7282.0	5.3	26	NA	NA	NA
						12/09/2022 12:23Hrs	7227.0	6.1	28.0	NA	NA	NA
						08/04/2022 12:45Hrs	3.2	7.2	19.0	25.0	28.0	33.0
			30	1.0		23/05/2022 12:30Hrs	3.1	8.0	21.0	23.0	29.0	32.0
						18/06/2022 15:35Hrs	6.2	6.8	22.0	23.0	29.0	35.0
						09/07/2022 12:42 Hrs	139.0	8.3	18.0	28.0	32.0	42.0
						17/08/2022 10:25 Hrs	3.1	8.9	12.0	18.0	36.0	46.0
						08/09/2022 11:20Hrs	3.1	7.3	20.0	22.0	29.0	34.0



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