



BY COURIER

November 27, 2021

JSWSL/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 Integrated Steel Plant for the Period of April 2021 to September 2021.

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.

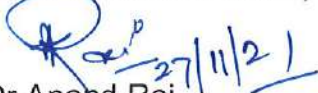
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2021 to September 2021 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 and Bar Mill 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.

Associate Vice President (HOD-Environment)

CC: 1) The Director, MoEF&CC, Indira Paryavaran Bhawan, Jor Bagh, Lodi Road, New Delhi-110003 for kind information.

2) The Zonal officer, CPCB, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023, Gujarat.

3) The Regional Officer, MPCB, Raigad, Raigad Bhavan, CBD Belapur, Navi Mumbai

Regd. Office JSW Steel Limited,
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Bandra (East), Mumbai - 400 051

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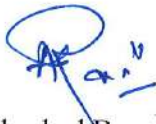
JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

COOLING TOWER BLOWDOWN WATER ANALYSIS REPORT

Sr.	PARAMETERS	UNIT	VALUES					
No.			Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
1	Chromium	mg/l	0.0014	0.0015	0.0014	0.0016	0.0017	0.0014
2	Zinc	mg/l	0.1	0.098	0.098	0.096	0.098	0.095
3	Phosphate	mg/l	0.98	0.86	0.92	0.93	0.98	0.94
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil


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


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

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-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
1	Temperature	°C	27	27.1	27.2	27	27.2	27.0
2	pH	-	7.2	7.2	7.3	7.3	7.3	7.3
3	D.O.	mg/l	5.3	5.4	5.4	5.3	5.3	5.3
4	T.S.S.	mg/l	18.1	18.2	20.2	18.3	18.6	18.5
5	T.D.S.	mg/l	275.5	259	261	255.0	272	241
6	C.O.D.	mg/l	22.6	26.7	32.0	25.0	29.9	24.8
7	B.O.D.	mg/l	7.1	7.1	7.1	7.0	7.2	7.4
8	Oil & Grease	mg/l	2.6	3.0	2.9	2.8	2.7	3.0
9	Iron	mg/l	0.3	0.33	0.31	0.3	0.30	0.30
10	Chlorides	mg/l	45.0	53.73	53.73	56.6	55.00	47.50
11	Sulphates	mg/l	4.0	4	4	3.0	2.2	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	27.2	27.2	27.2	27.2


Prepared By

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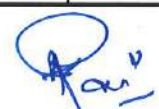
JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

SIX MONTHLY UNTREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
1	Temperature	°C	57	57	57.2	57.1	57.1	57.2
2	pH	-	8.2	8.2	8.2	8.1	8.2	8.2
3	D.O.	mg/l	2.2	2.3	2.3	2.2	2.3	2.2
4	T.S.S.	mg/l	550.2	554.0	563.0	554.6	556.9	561.7
5	T.D.S.	mg/l	478.5	461.0	475.5	458	496.8	446.0
6	C.O.D.	mg/l	42.5	41.3	42.7	37.5	43.7	40.0
7	B.O.D.	mg/l	7.9	7.9	7.9	7.8	8	8.1
8	Oil & Grease	mg/l	4.3	4.8	4.5	4.7	4.1	4.3
9	Iron	mg/l	1.2	1.3	1.26	1.25	1.277	1.30
10	Chlorides	mg/l	150.0	152.5	157.45	151.62	157.9	152.50
11	Sulphates	mg/l	3.2	3.4	3.36	3.3	3.27	3.27


Prepared By
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Deputy Manager (Environment)


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

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												
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	04/04/2021 10:30Hrs	8790.0	17.58	13.72	8.0	5.0	21.0
						09/05/2021 10:45Hrs	10726.0	17.98	14.21	34.0	43.0	26
						12/06/2021 10:00Hrs	10044.0	17.53	18.00	35.0	44.8	32.31
						10/07/2021 10:20Hrs	9573.0	17.69	29.50	22.0	32.0	25
						02/08/2021 10:32Hrs	9061.0	16.00	22.00	28.0	19.0	23
						02/09/2021 10:00Hrs	9405.0	17.65	16.65	18.0	21.0	25
						17/04/2021 12:30Hrs	9866.0	9.97	9.63	9.0	6.16	10.76
						09/05/2021 12:30Hrs	10726.0	10.09	12.73	28.0	35.00	22
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	12/06/2021 12:13Hrs	10044.0	9.68	13.20	28.0	44.78	32.14
						10/07/2021 12:05Hrs	9573.0	15.43	7.97	28.0	21.00	27
						02/08/2021 12:35Hrs	9061.0	15.00	12.00	25.0	17.00	26
						02/09/2021 12:15Hrs	9405.0	17.33	5.11	21.0	19.00	28
						17/04/2021 16:30Hrs	9866.0	6.34	7.28	<1	<1	NA
						09/05/2021 16:30Hrs	10726.0	14.09	23.38	<1	44.8	17.73
						12/06/2021 14:28Hrs	10044.0	13.00	22.00	15.0	36.0	31
						12/07/2021 11:10Hrs	8949.0	12.00	26.00	18.0	24.0	19
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	13/08/2021 10:25Hrs	9638.0	13.00	14.51	15.0	20.0	22
						under maintenance						
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	22/04/2021 10:00Hrs	10173.0	10.00	10.00	102.0	46.00	26
						24/05/2021 10:35Hrs	9803.0	8.00	4.54	41.8	26.10	32
						17/06/2021 10:22Hrs	9540.0	10.00	4.57	128.0	29.97	88
						14/07/2021 10:40Hrs	9807.0	10.00	10.00	28.0	33.00	28
						24/08/2021 10:10Hrs	9118.0	10.00	14.00	25.0	29.00	23
						22/09/2021 10:35Hrs	7583.0	8.00	4.59	170.4	57.11	22

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

Prepared By 
P.P. Nandusekar
Deputy 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 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	22/04/2021 12:10Hrs 24/05/2021 12:22Hrs 17/06/2021 14:30Hrs 14/07/2021 15:10Hrs 24/08/2021 12:20Hrs 22/09/2021 12:05Hrs	10173.0 9803.0 9540.0 9807.0 9118.0 7583.0	10.00 9.00 9.00 9.00 10.00 9.00	14.00 9.99 8.23 11.00 15.00 10.00	88.5 21.2 178.0 25.0 23.0 253.5	37.00 32.31 46.93 24.00 26.00 24.62	25 28 53 31 28 31
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	23/04/2021 15:28Hrs 24/05/2021 14:32Hrs 18/06/2021 11:15Hrs 19/07/2021 11:25Hrs 24/08/2021 14:15Hrs 23/09/2021 11:00Hrs	9443.0 9803.0 8866.0 9175.0 9118.0 6655.0	11.00 8.00 9.00 10.00 9.00 10.00	10.00 6.81 7.03 14.00 16.00 7.37	114.0 67.6 151.1 28.0 26.0 130.2	47.0 21.0 33.1 24.0 31.0 39.4	28.0 38.0 68.0 33.0 29.0 27.0
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	23/04/2021 16:30Hrs 24/05/2021 16:35Hrs 18/06/2021 15:18Hrs 19/07/2021 14:45Hrs 24/08/2021 16:25Hrs 23/09/2021 14:28Hrs	9443.0 9803.0 8866.0 9175.0 9118.0 6655.0	10.00 10.00 11.00 9.00 10.00 8.00	13.00 8.34 8.31 11.00 14.00 8.47	96.0 3.1 43.4 14.0 21.0 0.8	38.0 46.0 44.0 26.0 29.0 0.4	11.0 86.0 82.0 31.0 33.0 30.0
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	24/04/2021 10:30Hrs 19/05/2021 10:18Hrs 23/06/2021 10:30Hrs 26/07/2021 15:15Hrs 20/08/2021 10:40 Hrs 20/09/2021 10:22Hrs	161.0 176.0 212.0 224.0 231.0 8.7	9.50 10.00 12.00 9.00 10.00 9.00	25.00 28.77 24.00 18.00 22.00 22.00	102.0 123.0 111.0 27.0 28.0 22.0	46.0 36.0 25.0 25.0 25.0 28.0	28.0 85.0 76.0 29.0 32.0 35.0
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	24/04/2021 12:05Hrs 19/05/2021 14:20Hrs 12/06/2021 16:00Hrs 12/07/2021 14:38Hrs 13/08/2021 14:28Hrs 01/09/2021 14:35Hrs	8821.0 10279.0 10044.0 8949.0 9638.0 9412.0	11.00 9.00 8.00 8.00 7.00 8.00	41.00 38.00 26.00 30.00 32.00 25.00	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA 50.00
								CPCB Norms				

Prepared By *hng*
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Deputy Manager (Environment)

Checked By *P. Bhat*
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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³		
									Particulate Matter (PM)	SO ₂	NO _x
											CO

Plant Capacity: 0.44 MTPA											
II	Lime Calcination Plant										
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	08/04/2021 10:32Hrs 06/05/2021 14:25Hrs	407 339	8 7	18 26	NA NA	NA NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	20/04/2021 11:15Hrs 16/05/2021 12:15Hrs 01/06/2021 10:10Hrs 08/07/2021 10:08Hrs 03/08/2021 10:15Hrs 03/09/2021 10:05Hrs	279.0 300.0 222.0 218.0 200.0 264.0	23.4 21.7 10.7 16.0 15.0 26.0	28.0 23.9 28.0 22.0 25.0 3.1	39.0 31.0 25.0 18.0 22.0 17.0	46.0 42.0 36.0 26.0 28.0 25.0
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	21/04/2021 14:45Hrs 17/05/2021 11:15Hrs 01/06/2021 11:32Hrs 08/07/2021 12:20Hrs 03/08/2021 12:05Hrs 03/09/2021 12:20Hrs	293.0 310.0 300.0 300.0 300.0 300.0	16.9 19.4 15.0 14.0 13.0 15.0	21.0 31.5 11.0 26.0 28.0 25.0	29.0 28.0 25.0 14.0 18.0 20.0	35.0 52.0 31.0 22.0 25.0 26.0
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	04/04/2021 12:15Hrs 07/05/2021 10:00Hrs 01/06/2021 14:22Hrs 09/07/2021 14:10Hrs 03/08/2021 14:26Hrs 19/09/2021 16:15Hrs	519.0 562.0 522.0 558.0 500.0 610.0	8.0 9.0 9.0 7.0 7.0 8.0	7.6 7.1 6.4 24.0 22.0 14.14	NA NA NA NA NA NA	NA NA NA NA NA NA

Not in operation due to high Moisture in rainy season

Prepared By
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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³		
									Particulate Matter (PM)	SO ₂	NOx
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	07/04/2021 14:00Hrs 03/05/2021 10:32Hrs	178 519.0	8 13.00	19 25.00	NA 26.0	NA 42.00
Not in operation due to high Moisture in rainy season											
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	21/04/2021 13:45Hrs 08/05/2021 16:30Hrs 03/06/2021 10:32Hrs 08/07/2021 16:15Hrs 04/08/2021 11:15Hrs 03/09/2021 14:20Hrs	570.0 449.0 519.0 516.0 460.0 525.0	9.52 14.09 13.00 13.00 14.00 2.73	9.7 23.4 25.0 27.0 26.0 28.0	22.0 28.0 26.0 19.0 18.0 22.0	31.0 84.8 42.0 21.0 25.0 25.0
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	07/04/2021 11:00Hrs 06/05/2021 10:25Hrs 03/06/2021 12:22Hrs 09/07/2021 16:22Hrs 04/08/2021 12:35Hrs 19/09/2021 14:28Hrs	178.0 575.0 519.0 539.0 460.0 450.0	9.00 8.00 7.00 8.00 7.00 6.00	27.0 26.0 22.0 26.0 23.0 23.0	NA NA NA NA NA NA	NA NA NA NA NA 100
CPCB Norms									<100	NA	NA

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

Signature
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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO

Plant Capacity: 2.0 MTPA												
III Sponge Iron Plant												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	12/04/2021 12:10Hrs 18/05/2021 14:32Hrs 02/06/2021 16:39Hrs 02/07/2021 10:12Hrs 06/08/2021 12:28Hrs 01/09/2021 12:15Hrs	4103.0 3970.0 3836.0 3861.0 3720.0 3290.0	42.0 38.0 40.0 40.0 31.5 33.0	12.0 15.0 14.0 15.0 13.0 10.0	44.0 153.0 102.0 28.0 32.0 29.0	126.0 186.0 88.0 32.0 40.0 38.0	96 133 NA 42 48 42
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	06/04/2021 10:10Hrs 10/05/2021 10:00Hrs 03/06/2021 16:00Hrs 05/07/2021 14:18Hrs 06/08/2021 10:10Hrs 01/09/2021 10:20Hrs	2108.0 4070.0 3842.0 3865.0 3720.0 3290.0	11.0 10.0 9.0 9.0 10.0 8.0	42.0 35.0 32.0 28.0 29.0 28.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
3	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	06/04/2021 12:15Hrs 10/05/2021 14:12Hrs 02/06/2021 10:00Hrs 02/07/2021 15:42Hrs 09/08/2021 12:25Hrs 18/09/2021 12:00Hrs	2108.0 4070.0 3836.0 3861.0 3234.0 3937.0	10.0 11.0 9.0 10.0 11.0 8.0	42.0 39.0 28.0 32.0 31.0 28.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
4	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	23/04/2021 11:50Hrs 18/05/2021 11:00Hrs 02/06/2021 12:00Hrs 05/07/2021 11:33Hrs 09/08/2021 14:32Hrs 18/09/2021 14:15Hrs	3120 3970 3836 3865 3234 3937	8 8 7 7 6 7	23 24 26 21 26 24	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA

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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 and MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
5	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	06/04/2021 12:15Hrs 10/05/2021 16:00Hrs 14/06/2021 10:38Hrs	2108 4070 2979	9 8 7	28 29 23	NA NA NA	NA NA NA	NA NA NA
						Not in operation						
6	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	06/04/2021 12:15Hrs 10/05/2021 11:50Hrs 02/06/2021 14:28Hrs 02/07/2021 12:05Hrs 09/08/2021 10:18Hrs 18/09/2021 10:40Hrs	2108.0 4070.0 3836.0 3861.0 3234.0 3937.0	10.0 8.0 7.0 7.0 8.0 7.0	28.00 26.00 25.00 24.00 25.00 22.00	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
						CPCB Norms			< 50		NA	NA
Plant Capacity: 3.5 MTPA												
IV Blast Furnace Plant												
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters	01/04/2021 15:45Hrs 03/05/2021 15:45Hrs 16/06/2021 15:00Hrs 17/07/2021 11:00Hrs 18/08/2021 15:05 Hrs 09/09/2021 14:12Hrs 12/04/2021 10:15Hrs 03/05/2021 13:45Hrs 16/06/2021 10:25Hrs 16/07/2021 10:15Hrs 16/08/2021 10:25 Hrs 09/09/2021 10:00Hrs	6721.0 9227.0 9678.0 7558.0 8562.0 8575.0 9325.0 8227.0 9678.0 9062.0 8096.0 8575.0	13.3 13.4 11.7 15.0 16.0 12.8 10.0 10.5 10.0 10.0 10.0 8.0	11.7 8.2 8.8 18.0 18.0 10.2 23.6 19.3 22.0 35.0 28.0 28.0	NA NA NA NA NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA NA NA NA NA	
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters							

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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	12/04/2021 13:00Hrs	9325.0	8.2	28.5	NA	NA	NA
						01/05/2021 14:15Hrs	9578.0	8.0	32.9	NA	NA	NA
						16/06/2021 12:00Hrs	9678.0	8.0	30.0	NA	NA	NA
						16/07/2021 14:25Hrs	9062.0	8.0	25.0	NA	NA	NA
						16/08/2021 12:38 Hrs	8096.0	8.0	31.0	NA	NA	NA
						09/09/2021 12:15Hrs	8575.0	7.3	20.3	NA	NA	NA
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	02/04/2021 14:45Hrs	7256	8.67	2.30	6.7	0.9	116.4
						16/05/2021 16:15Hrs	9173.0	8.2	12.3	7.2	45.2	66.9
						23/06/2021 16:00Hrs	9664.0	12.0	15.0	106.0	88.0	123.0
						17/07/2021 16:20Hrs	7558.0	12.0	18.0	68.0	86.0	123.0
						18/08/2021 16:45 Hrs	8562.0	15.0	16.0	72.0	93.0	128.0
						02/09/2021 16:00Hrs	9095.0	13.0	2.2	229.0	70.0	67.0
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	13/04/2021 09:50Hrs	50.0	12.0	32.0	36.0	42.0	28.0
						19/05/2021 11:55Hrs	90.0	11.0	25.0	111.0	86.0	32.0
						23/06/2021 12:15Hrs	158.0	12.0	18.0	56.0	93.0	43.0
						26/07/2021 10:00Hrs	218.0	12.0	27.0	28.0	32.0	26.0
						20/08/2021 12:08 Hrs	139.0	12.0	23.0	28.0	32.0	26.0
						20/09/2021 10:22Hrs	9.1	10.0	18.0	6.3	10.7	6.0
CPCB Norms								<50	250.0	150	NA	

Prepared By
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Checked By
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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 and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO

Plant Capacity: 2.8 MTPA												
V	Sinter Plant-I											
1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	19/04/2021 10:00Hrs	7129.0	9.00	27.00	NA	NA	NA
						20/05/2021 12:18Hrs	6725.0	10.00	29.00	NA	NA	NA
						07/06/2021 10:15Hrs	7214.0	8.00	25.00	NA	NA	NA
						03/07/2021 10:35Hrs	4713.0	8.00	28.00	NA	NA	NA
						07/08/2021 15:28Hrs	6778.0	7.00	26.00	NA	NA	NA
						14/09/2021 15:22Hrs	6327.0	7.00	24.00	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	19/04/2021 12:10Hrs	7129.0	12.00	32.00	NA	NA	NA
						20/05/2021 10:10Hrs	6725.0	11.00	35.00	NA	NA	NA
						07/06/2021 14:15Hrs	7214.0	10.00	33.00	NA	NA	NA
						05/07/2021 15:00Hrs	5262.0	9.00	32.00	NA	NA	NA
						07/08/2021 12:18Hrs	6778.0	8.00	29.00	NA	NA	NA
						14/09/2021 12:10Hrs	6327.0	8.00	28.00	NA	NA	NA
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	19/04/2021 14:38Hrs	7129.0	11.00	39.00	NA	NA	NA
						20/05/2021 14:20Hrs	6725.0	10.00	40.00	NA	NA	NA
						07/06/2021 15:35Hrs	7214.0	10.00	28.00	NA	NA	NA
						05/07/2021 16:40Hrs	5262.0	10.00	36.00	NA	NA	NA
						10/08/2021 14:05Hrs	7016.0	9.00	38.00	NA	NA	NA
						15/09/2021 10:45Hrs	5501.0	7.00	32.00	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	20/04/2021 14:15Hrs	5827.0	20.00	35.76	128.00	38.42	88.63
						17/05/2021 12:45Hrs	5673.0	17.00	33.69	148.00	86.00	163.00
						07/06/2021 12:05Hrs	7214.0	17.00	39.70	132.00	90.00	52.00
						03/07/2021 12:15Hrs	4713.0	16.00	41.00	34.00	38.00	42.00
						07/08/2021 10:30Hrs	6778.0	16.00	42.00	30.00	42.00	44.00
						14/09/2021 10:05Hrs	6327.0	16.00	45.00	32.00	39.00	48.00

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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
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	19/04/2021 16:25Hrs 20/05/2021 16:15Hrs 07/06/2021 16:42Hrs 03/07/2021 16:18Hrs 10/08/2021 16:25Hrs 15/09/2021 12:35Hrs	7129.0 6725.0 7214.0 4713.0 7016.0 5501.0	16.00 15.00 14.00 14.00 15.00 13.00	45.00 38.00 34.00 31.00 26.00 35.00	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
									CPCB Norms			
									<150			

VI Sinter Plant -II

Plant Capacity: 2.5 MTPA

1	Matn: ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	09/04/2021 10:30Hrs 01/05/2021 09:45Hrs 08/06/2021 10:02Hrs 07/07/2021 10:05Hrs 17/08/2021 10:35 Hrs 13/09/2021 10:15Hrs	8496.0 8496.0 8844.0 8116.0 5921.0 7201.0	18.3 18.5 18.9 19.2 15.0 16.7	35.1 27.7 39.0 16.0 25.0 33.1	128.0 143.0 129.0 33.0 27.0 127.1	136.0 102.0 138.0 45.0 32.0 108.0	152.0 68.0 166.0 31.0 43.0 2642.0
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	15/04/2021 10:35Hrs 11/05/2021 10:00Hrs 08/06/2021 12:12Hrs 07/07/2021 12:15Hrs	7975.0 7366 8844 8116	9.0 10.0 9.0 7.0	15.0 18.0 22.0 25.0	NA NA NA NA	NA NA NA NA	NA NA NA NA
									Not in operation			
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	10/09/2021 10:22Hrs 16/04/2021 10:15Hrs 12/05/2021 10:18Hrs 09/06/2021 10:14Hrs 20/07/2021 10:18Hrs 17/08/2021 12:05 Hrs 10/09/2021 11:50Hrs	7781 8340.0 6748.0 8081.0 7513.0 5921.0 7781.0	8 10.0 9.0 8.0 8.0 7.0 7.0	16 21.0 20.0 26.0 22.0 20.0 25.0	NA NA NA 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	NOx	CO
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	16/04/2021 11:50Hrs	8340.0	9.0	28.0	NA	NA	NA
						12/05/2021 12:15Hrs	6748.0	8.0	26.0	NA	NA	NA
						09/06/2021 12:23Hrs	8081.0	7.0	29.0	NA	NA	NA
						20/07/2021 12:22Hrs	7513.0	7.0	26.0	NA	NA	NA
						17/08/2021 15:25Hrs	5921.0	8.0	24.0	NA	NA	NA
						13/09/2021 12:21Hrs	7201.0	7.0	26.0	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	16/04/2021 14:42Hrs	8340.0	8.0	33.0	NA	NA	NA
						12/05/2021 16:22Hrs	6748.0	8.0	29.0	NA	NA	NA
						09/06/2021 15:00Hrs	8081.0	8.0	28.0	NA	NA	NA
						07/07/2021 15:00Hrs	8116.0	7.0	25.0	NA	NA	NA
						14/08/2021 10:00Hrs	7269.0	7.0	27.0	NA	NA	NA
						10/09/2021 14:18Hrs	7781.0	6.0	24.0	NA	NA	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	16/04/2021 16:10Hrs	8340.0	9.0	29.0	NA	NA	NA
						12/05/2021 14:28Hrs	6748.0	10.0	27.0	NA	NA	NA
						09/06/2021 16:22Hrs	8081.0	7.0	31.0	NA	NA	NA
						20/07/2021 14:18Hrs	7513.0	8.0	22.0	NA	NA	NA
						14/08/2021 11:55Hrs	7269.0	7.0	22.0	NA	NA	NA
						10/09/2021 16:20Hrs	7781.0	7.0	27.0	NA	NA	NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	15/04/2021 12:00Hrs	7975.0	8.5	18.0	NA	NA	NA
						11/05/2021 12:20Hrs	7366.0	8.0	20.0	NA	NA	NA
						08/06/2021 14:24Hrs	8844.0	7.0	14.0	NA	NA	NA
						20/07/2021 15:38Hrs	7513.0	7.0	18.0	NA	NA	NA
						14/08/2021 14:32Hrs	7269.0	6.0	19.0	NA	NA	NA
						under maintenance						


 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	NOx	CO	
IX Coke oven Plant -II													
Plant Capacity: 2.5 MTPA													
1	Coke Oven Battery Main Stack		150	11.0	Electrostatic Precipitators	12/04/2021 12:00Hrs	4989.0	14.0	46.0	142.0	158.0	189.0	
						13/05/2021 15:10Hrs	5120.0	14.0	42.0	153.0	174.0	96	
						15/06/2021 14:50Hrs	4403.0	12.0	38.0	76.0	118.0	92	
						23/07/2021 16:00Hrs	4608.0	12.0	35.0	29.0	38.0	42	
						05/08/2021 10:10 Hrs	5383.0	13.0	34.0	32.0	42.0	48	
2	Coke Oven Battery Pushing Side		30	2.8	Bag Filters	16/09/2021 16:00Hrs	4636.0	12.0	39.0	155.0	128.0	179.0	
						03/04/2021 10:00Hrs	4851.0	14.0	15.0	NA	NA	NA	
						13/05/2021 10:30Hrs	5120.0	12.0	12.0	NA	NA	NA	
						15/06/2021 10:15Hrs	4403.0	10.0	15.0	NA	NA	NA	
						23/07/2021 10:00Hrs	4608.0	11.0	12.0	NA	NA	NA	
3	Coke Oven Battery Charging Side		29.5	1.5	Bag Filters	05/08/2021 12:05 Hrs	5383.0	12.0	15.0	NA	NA	NA	
						16/09/2021 10:20Hrs	4636.0	10.0	18.0	NA	NA	NA	
						03/04/2021 11:15Hrs	4851.0	13.0	18.0	NA	NA	NA	
						13/05/2021 11:50Hrs	5120.0	11.0	18.0	NA	NA	NA	
						15/06/2021 11:50Hrs	4403.0	12.0	22.0	NA	NA	NA	
4	Coal Crushing		19.5	1.5	Bag Filters	23/07/2021 11:35Hrs	4608.0	10.0	16.0	NA	NA	NA	
						05/08/2021 13:25 Hrs	5383.0	10.0	18.0	NA	NA	NA	
						16/09/2021 12:10Hrs	4636.0	10.0	20.0	NA	NA	NA	
						03/04/2021 15:28Hrs	4851.0	10.0	20.0	NA	NA	NA	
						14/05/2021 10:00Hrs	5207.0	8.0	31.0	NA	NA	NA	
						24/06/2021 10:12Hrs	4407.0	7.0	17.0	NA	NA	NA	
						24/07/2021 11:35Hrs	4789.0	7.0	20.0	NA	NA	NA	
						22/08/2021 10:15 Hrs	5251.0	8.0	23.0	NA	NA	NA	
						17/09/2021 10:15Hrs	5710.0	7.0	16.0	NA	NA	NA	

for

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Deputy Manager (Environment)

P. B. Ray

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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	Coke Cutting		25	1.8	Bag Filters	09/04/2021 16:00Hrs	4918.0	10	25	NA	NA	NA
						14/05/2021 12:33Hrs	5207.0	9	26	NA	NA	NA
						24/06/2021 12:10Hrs	4407.0	7	21	NA	NA	NA
						24/07/2021 11:35Hrs	4789.0	7	25	NA	NA	NA
						22/08/2021 12:05 Hrs	5251.0	7	25	NA	NA	NA
6	Coke Bunker		30	2.5	Bag Filters	17/09/2021 12:28Hrs	5710.0	6.0	21	NA	NA	NA
						09/04/2021 11:50Hrs	4918.0	9.0	17.0	NA	NA	NA
						15/05/2021 14:00Hrs	5249.0	8.0	24.0	NA	NA	NA
						24/06/2021 14:15Hrs	4407.0	8.0	22.0	NA	NA	NA
						24/07/2021 11:35Hrs	4789.0	8.0	22.0	NA	NA	NA
7	Boiler		30	1.0		22/08/2021 14:35 Hrs	5251.0	8.0	21.0	NA	NA	NA
						17/09/2021 14:25Hrs	5710.0	7.0	18.0	NA	NA	NA
						22/04/2021 16:22Hrs	325.0	12.0	28.0	112.0	123.0	138.0
						22/05/2021 16:00 Hrs	340.0	11.0	20.0	138.0	153.0	176
						22/06/2021 15:35Hrs	175.0	12.0	19.0	115.0	125.0	133
						27/07/2021 10:35Hrs	246.0	10.0	18.0	27.0	32.0	29
						19/08/2021 14:00 Hrs	198.0	12.0	21.0	25.0	31.0	29
						20/09/2021 15:35Hrs	5.0	13.0	16.0	45.0	76.0	86.0

for P. P. Nandusekar

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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	08-04-2021	1963.64	4.86	21.58
		13-05-2021	1971.21	5.13	22.35
		04-06-2021	1186.30	5.67	23.89
		10-07-2021	334.60	17.65	73.35
		09-08-2021	1208.14	5.61	21.24
		15-09-2021	1041.67	4.41	18.50
2	Near Raw Material Feeding Area	08-04-2021	1621.97	5.76	16.44
		14-05-2021	1672.35	5.99	15.76
		04-06-2021	1099.64	6.23	16.44
		10-07-2021	772.10	5.76	17.13
		10-08-2021	1860.80	5.25	17.27
		15-09-2021	1180.11	5.46	14.80
3	Near Raw Material Screen Area	08-04-2021	1775.00	6.71	19.87
		17-05-2021	1383.89	6.47	19.18
		05-06-2021	1354.44	6.23	19.87
		13-07-2021	739.13	6.47	19.18
		09-08-2021	1043.94	5.46	20.35
		17-09-2021	1021.78	4.83	19.12
4	Near Raw Material Silo	09-04-2021	1589.58	3.45	13.57
		17-05-2021	1014.31	3.24	15.42
		05-06-2021	1153.44	3.67	14.80
		10-07-2021	850.91	3.88	15.42
		09-08-2021	1307.20	4.47	20.81
		15-09-2021	1141.29	5.52	18.50
5	Near Furnace Area	09-04-2021	1666.67	3.88	16.03
		18-05-2021	1708.90	3.67	16.65
		07-06-2021	1454.36	3.88	16.03
		13-07-2021	953.08	4.10	17.27
		09-08-2021	1124.81	4.90	18.50
		15-09-2021	1302.27	7.01	17.81
6	Near Product Screen House	10-04-2021	1837.31	5.61	19.12
		18-05-2021	1962.88	6.04	20.35
		07-06-2021	1702.84	6.26	20.97
		13-07-2021	1299.24	5.83	21.58
		10-08-2021	1484.09	6.54	24.67
		17-09-2021	1736.17	6.07	19.19
7	Near Product Silo	10-04-2021	1702.22	5.83	20.35
		19-05-2021	1605.93	6.04	19.73
		08-06-2021	1366.11	6.69	20.35
		10-07-2021	926.63	6.91	20.97
		10-08-2021	1202.41	6.94	20.97
		17-09-2021	986.30	5.25	19.12
8	Loading Point	12-04-2021	1278.89	6.26	17.88
		19-05-2021	1458.52	6.69	19.12
		08-06-2021	921.92	6.91	19.73
		13-07-2021	611.41	7.12	20.35
		10-08-2021	714.63	7.24	21.93
		15-09-2021	572.22	6.10	20.97


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B) Hot Strip Mill Plant					
1	Near Gas Cleaning Plant Stack - I Control Room	21-04-2021	1949.62	5.67	23.89
		20-05-2021	1302.08	6.20	24.66
		22-06-2021	1085.51	5.93	25.44
		14-07-2021	1318.52	6.20	26.21
		05-08-2021	1276.89	6.31	26.98
		04-09-2021	808.70	5.78	25.44
2	Near Gas Cleaning Plant Stack - II Control Room	20-04-2021	1590.93	5.76	17.13
		21-05-2021	1737.96	5.99	17.81
		22-06-2021	1264.07	6.23	19.18
		15-07-2021	823.73	5.99	19.87
		05-08-2021	1054.44	6.31	24.67
		04-09-2021	973.37	6.91	25.55
3	Near Electric Arc Furnace Shell No. 1 & 2	22-04-2021	2444.75	5.28	24.66
		22-05-2021	2764.67	5.52	24.66
		22-06-2021	2109.78	5.04	25.35
		13-07-2021	2990.40	5.28	26.72
		05-08-2021	2311.05	5.25	29.29
		04-09-2021	2847.27	6.31	30.06
4	Near Electric Arc Furnace Shell No. 3 & 4	23-04-2021	2670.63	3.88	17.88
		24-05-2021	2575.21	4.10	16.03
		22-06-2021	2344.38	3.88	16.65
		14-07-2021	2941.67	4.10	17.27
		06-08-2021	2803.33	4.80	23.79
		06-09-2021	2802.29	5.10	26.43
5	Near Caster Control Room	20-04-2021	1768.37	4.96	16.65
		25-05-2021	2655.83	4.75	17.88
		23-06-2021	2206.82	4.96	19.12
		15-07-2021	1027.22	5.18	20.35
		06-08-2021	1512.50	4.73	24.67
		06-09-2021	1403.98	4.20	23.90
6	Near Mould & Segment Repair Shop	19-04-2021	1327.22	6.04	20.97
		26-05-2021	1368.52	6.26	21.58
		23-06-2021	1330.11	6.69	22.20
		13-07-2021	1233.89	6.91	21.58
		06-08-2021	1045.93	5.71	31.71
		04-09-2021	1059.60	6.31	28.19
7	Mill Area	19-04-2021	1159.60	4.75	17.88
		28-05-2021	1027.54	5.18	19.12
		23-06-2021	1281.25	5.40	19.73
		13-07-2021	1132.79	5.61	20.35
		06-08-2021	1219.93	5.78	26.98
		04-09-2021	1235.00	6.57	25.44
C) Lime Calcining Plant					
1	Near Kiln I & II Lime Dedusting System Area	03-04-2021	2382.01	4.59	24.66
		13-05-2021	2296.78	4.32	25.44
		02-06-2021	1053.52	4.86	26.21
		07-07-2021	1570.45	4.59	26.98
		11-08-2021	1980.87	3.27	29.07
		14-09-2021	1422.16	3.27	30.83
2	Near Product Storage & Quick Lime Building	05-04-2021	2046.78	5.28	22.61
		14-05-2021	1952.65	5.52	23.29
		02-06-2021	1323.52	5.28	23.98
		07-07-2021	1321.11	5.76	24.66
		11-08-2021	1078.60	6.07	23.98
		14-09-2021	1416.67	5.61	26.72


Prepared By
P.P. Nandusekar

Deputy Manager (Environment)


Checked By
Dr. Anand Rai

Associate Vice President (HOD-Environment)

3	Lime Stone Feeding Building LCP-4	03-04-2021	2367.42	5.52	21.92
		11-05-2021	2759.58	5.76	21.24
		03-06-2021	1584.66	5.99	22.61
		07-07-2021	1239.07	6.23	21.24
		11-08-2021	1034.47	5.84	21.93
		14-09-2021	1252.65	6.07	20.56
4	Lime Dedusting System Area LCP-4	05-04-2021	2033.75	5.61	16.65
		12-05-2021	2687.08	5.40	17.88
		03-06-2021	1776.70	5.61	19.73
		07-07-2021	1754.36	5.40	20.35
		11-08-2021	2267.50	5.04	20.97
		14-09-2021	1735.21	4.20	19.73

D) Blast Furnace

1	Near Stock House	20-04-2021	2728.54	7.82	23.89
		04-05-2021	2608.96	7.28	24.66
		06-10-2021	1585.61	7.55	25.44
		09-07-2021	1342.99	7.82	26.98
		25-08-2021	1370.63	6.31	22.61
		20-09-2021	1406.67	6.54	21.24
2	Near Stove Area	15-04-2021	1296.30	6.47	16.44
		06-05-2021	1432.78	6.95	17.13
		06-10-2021	814.67	6.47	18.50
		08-07-2021	1915.91	6.23	19.18
		23-08-2021	1116.85	6.31	18.50
		20-09-2021	966.85	6.77	19.19
3	Near Cast House (East)	16-04-2021	2176.33	5.99	19.18
		07-05-2021	2401.70	5.76	19.87
		06-09-2021	1720.64	6.23	17.13
		08-07-2021	1222.78	5.99	17.81
		25-08-2021	1171.97	5.46	16.03
		20-09-2021	1656.06	5.68	17.88
4	Near Cast House (West)	16-04-2021	2385.61	4.75	16.65
		07-05-2021	2261.93	4.96	16.03
		06-09-2021	1490.53	4.75	16.65
		08-07-2021	1419.51	4.96	16.03
		25-08-2021	1297.92	5.14	17.13
		20-09-2021	1804.73	5.89	14.80
5	Near Slag Granulation Plant	15-04-2021	1088.33	5.61	14.18
		08-05-2021	1662.59	5.40	13.57
		06-11-2021	903.26	5.61	15.42
		08-07-2021	1109.42	5.83	14.80
		23-08-2021	1244.81	6.07	15.07
		20-09-2021	819.26	5.25	12.95
6	Near Pig Casting Machine -I	17-04-2021	1372.78	6.04	16.65
		10-05-2021	2193.94	5.83	17.27
		11/06/2021	871.74	5.40	17.88
		09-07-2021	690.94	5.61	19.12
		26-08-2021	767.96	5.25	19.73
		21-09-2021	855.19	4.62	18.50
7	Near Pig Casting Machine -II	17-04-2021	1476.11	5.83	178.82
		10-05-2021	1631.48	5.61	19.12
		11/06/2021	1044.93	6.04	20.35
		09-07-2021	813.77	5.83	21.58
		26-08-2021	1004.26	6.54	23.30
		21-09-2021	959.26	5.04	18.50


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Associate Vice President (HOD-Environment)

E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	03-04-2021	2208.33	6.20	26.98
		11-05-2021	2208.33	6.47	26.21
		15-06-2021	1830.68	6.74	26.98
		03-07-2021	1142.59	6.47	27.75
		17-08-2021	1542.99	6.57	28.52
		13-09-2021	1354.17	6.83	25.44
2	Near Flux Screening & Coal Crushing House	03-04-2021	1826.14	5.99	21.24
		11-05-2021	1826.14	6.23	21.92
		15-06-2021	1624.62	6.47	24.66
		03-07-2021	2928.75	6.95	25.35
		20-08-2021	1088.45	6.54	26.04
		13-09-2021	1051.89	6.31	21.24
3	Near Proportioning House	05-04-2021	2327.65	6.47	22.61
		12-05-2021	2327.65	6.71	23.29
		15-06-2021	2216.48	6.95	25.35
		03-07-2021	1084.81	7.43	21.24
		17-08-2021	1705.11	7.47	21.93
		13-09-2021	1516.67	6.77	23.98
4	Near Sintering House	05-04-2021	1370.19	4.75	15.42
		12-05-2021	1370.19	4.96	16.03
		16-06-2021	1035.51	4.75	16.65
		03-07-2021	880.07	4.96	17.27
		20-08-2021	1013.70	4.62	16.65
		13-09-2021	940.56	4.41	14.80
5	Near Product Screen House	05-04-2021	2188.83	5.61	20.35
		13-05-2021	2188.83	5.83	21.58
		16-06-2021	2100.38	5.61	20.35
		03-07-2021	1886.55	5.83	20.97
		20-08-2021	2890.72	6.54	22.61
		09-09-2021	2544.13	5.68	19.73
E) Sinter Plant-II					
1	Near Sintering House	10-04-2021	1610.42	6.20	20.04
		03-05-2021	1974.43	6.47	19.27
		17-06-2021	1797.92	6.74	20.04
		06-07-2021	1072.41	7.01	20.81
		21-08-2021	1412.31	5.25	17.27
		22-09-2021	1001.70	4.83	16.65
2	Near Crushing Bldg.	12-04-2021	2387.31	5.76	19.87
		04-05-2021	2550.76	5.99	21.24
		17-06-2021	1700.95	6.23	21.92
		06-07-2021	2765.15	6.47	21.24
		23-08-2021	1448.11	6.83	24.67
		22-09-2021	921.40	5.04	19.12
3	Near Screen Building	12-04-2020	1548.33	6.23	22.61
		04-05-2021	2206.44	6.47	23.98
		17-06-2021	1213.77	6.71	24.66
		06-07-2021	1266.30	6.95	25.35
		23-08-2021	1036.67	6.31	29.29
		22-09-2021	882.78	6.04	28.52
4	Near Product Screen Bldg.	09-04-2021	1897.73	4.75	22.20
		03-05-2021	2056.06	4.96	20.97
		18-06-2021	2685.04	4.75	21.58
		06-07-2021	1505.30	5.40	23.43
		23-08-2021	1584.09	6.31	26.72
		21-09-2021	2200.00	6.07	26.04


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Checked By

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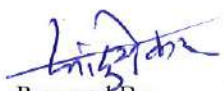
5	Near Mixing & Nodulizer Area	09-04-2021	1588.64	4.96	21.58
		03-05-2021	2231.44	5.18	22.20
		18-06-2021	2370.64	5.40	22.82
		06-07-2021	1602.27	5.61	24.05
		19-08-2021	1612.88	7.71	25.35
		21-09-2021	2024.81	7.24	23.98
6	Near Sintering Machine	10-04-2021	1202.04	5.83	20.97
		07-05-2021	1261.67	6.04	19.73
		18-06-2021	1164.07	6.26	20.97
		06-07-2021	920.29	6.69	21.58
		19-08-2021	926.85	4.83	20.97
		21-09-2021	885.93	6.10	19.12

F) BILLET CASTER

1	Near Laddel Furnace Area	12-04-221	1501.11	5.83	22.82
		08-05-2021	1868.75	6.04	24.05
		14-06-2021	1776.14	6.26	25.28
		12-07-2021	952.54	6.69	25.90
		07-08-2021	1529.92	6.73	25.28
		06-09-2021	1279.73	6.52	19.12
2	Near Casting Floor (Control room) 10.6 m	13-04-2021	2116.10	6.26	24.05
		08-05-2021	2413.64	5.83	22.82
		14-06-2021	2269.32	5.61	23.43
		12-07-2021	1256.85	6.26	24.05
		07-08-2021	1254.73	7.09	29.29
		06-09-2021	1338.45	7.36	30.06
3	Near Billet Caster Torch Cutter Machine	14-04-2021	1672.04	5.61	21.58
		10-05-2021	1552.78	6.26	22.20
		14-06-2021	1380.74	6.69	22.82
		13-07-2021	1225.74	6.91	23.43
		07-08-2021	928.52	7.71	25.35
		06-09-2021	1028.15	7.24	23.98

G) BAR MILL

1	Near CP2 Furnace Mill Area	13-04-2021	1662.59	5.18	17.27
		11-05-2021	1931.06	5.40	17.88
		19-06-2021	1265.76	5.61	19.73
		16-07-2021	1450.37	5.83	20.35
		07-08-2021	854.81	7.62	26.21
		17-09-2021	946.11	5.89	19.12
2	Near Bed Cooling (zero meter) Mill Area	14-04-2021	1986.36	6.26	16.65
		11-05-2021	2312.88	6.69	16.03
		19-06-2021	1815.72	6.91	19.12
		16-07-2021	1325.19	7.12	19.73
		07-08-2021	1567.99	7.24	22.61
		17-09-2021	1288.64	6.31	18.50


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H) Coke oven II					
1	Coal Blending Area.	27-04-2021	2088.33	7.28	26.21
		20-05-2021	1905.93	7.55	25.44
		29-06-2021	1619.26	7.82	26.21
		20-07-2021	1580.11	8.36	26.98
		20-08-2021	1866.67	6.54	24.67
		23-09-2021	947.96	5.04	19.73
2	coke oven battary wharf Area A	26-04-2021	2065.53	7.67	18.50
		20-05-2021	2343.18	7.91	17.81
		29-06-2021	1498.48	8.15	17.13
		20-07-2021	1360.74	7.91	17.81
		20-08-2021	1716.10	6.94	15.42
		23-09-2021	1557.39	6.31	12.95
3	coke oven battary wharf G D S B	26-04-2021	1815.56	6.95	18.50
		21-05-2021	1630.00	7.43	19.18
		29-06-2021	1774.63	7.67	21.24
		20-07-2021	1212.04	8.15	22.61
		21-08-2021	1935.93	8.93	26.21
		23-09-2021	1002.22	6.52	18.50
4	Coke Screening Area.	26-04-2021	1833.15	6.04	22.20
		21-05-2021	2262.59	6.26	21.58
		30-06-2021	2178.60	6.69	22.20
		21-07-2021	2629.36	6.91	22.82
		19-08-2021	1428.15	8.14	29.29
		23-09-2021	840.93	6.31	19.73
5	Near Coke Cutter Area.	24-04-2021	2246.78	4.10	19.12
		22-05-2021	2159.28	3.88	19.73
		30-06-2021	1889.20	3.67	20.35
		20-07-2021	1485.37	3.88	21.58
		23-08-2021	1222.92	4.20	24.67
		23-09-2021	1483.33	3.99	17.88
6	Secondary Crusher BIENDING	24-04-2021	1609.26	4.96	17.27
		22-05-2021	1724.26	5.40	17.88
		30-06-2021	1571.48	5.61	17.27
		20-07-2021	1069.93	5.40	17.88
		23-08-2021	1834.44	6.07	19.19
		23-09-2021	1030.19	5.25	19.12



Prepared By
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Deputy Manager (Environment)



Checked By
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Associate Vice President (HOD-Environment)

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

MONTH : April, 2021

Location	Near Kasumata Temple						Near Coke Oven Plant						Near MSEB Substation						Near Goa Gate						Near Dolvi Village					
	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				
01/04/2021	19.77	81.21	11.52	33.46	1.32		40.85	68.00	15.83			18.90	66.58	20.28	29.80	2.2	25.81	79.77	20.48	30.18	2.19									
02/04/2021	22.87	80.43	12.08	34.26	1.21		36.91	65.15	11.36			25.81	79.77	20.48	30.18	2.19	16.82	63.42	20.51	29.08	2.15									
03/04/2021	16.82	65.56	11.81	30.14	0.8		54.62	70.31	16.31			16.82	63.42	20.51	29.08	2.15	41.25	60.88	16.35											
04/04/2021	13.81	43.09	11.42	29.77	0.75		24.51	74.90	17.38			19.44	50.42	20.31	21.98	2.03	35.00	87.63	18.54											
05/04/2021	10.85	33.58	11.21	27.82	0.73		34.07	97.59	18.57			21.77	36.08	20.12	54.76	1.95	27.91	60.05	21.05	61.16	2.29									
06/04/2021	19.37	59.02	11.16	36.75	0.91		53.02	54.19	18.55			23.24	63.19	20.08	43.90	2.04	21.77	36.08	20.12	54.76	1.95									
07/04/2021	18.82	61.63	10.92	33	0.87		59.07	86.88	18.92			19.96	47.59	20.08	33.39	2.03	23.24	63.19	20.08	43.90	2.04									
08/04/2021	27.91	79.43	11.54	34.13	0.97		32.15	88.69	19.44			20.55	61.29	19.70	36.03	2.04	19.96	47.59	20.08	33.39	2.03									
09/04/2021	17.67	38.28	11.01	34.03	0.78		35.84	66.10	19.22			24.16	57.80	19.58	34.81	2.14	20.55	61.29	19.70	36.03	2.04									
10/04/2021	15.29	57.29	10.97	31.33	0.85		46.52	79.51	19.10			24.11	63.02	20.28	25.91	2.07	24.16	57.80	19.58	34.81	2.14									
11/04/2021	15.66	35.4	10.83	28.29	0.84		36.34	69.75	19.11			41.49	94.30	20.74	55.13	2.29	24.11	63.02	20.28	25.91	2.07									
12/04/2021	26.42	93.46	11.11	29.26	0.97		38.04	49.77	19.01			25.99	69.34	19.95	27.42	2.21	41.49	94.30	20.74	55.13	2.29									
13/04/2021	29.26	83.68	11.18	32.91	1.09		57.28	35.16	19.48			21.73	58.04	20.33	35.56	2.14	38.04	49.77	19.01											
14/04/2021	22.1	54.72	11.33	28.23	0.94		31.52	52.39	19.49			21.14	65.33	20.49	28.93	2.13	57.28	35.16	19.48											
15/04/2021	18.77	46.54	10.93	29.02	0.92		56.35	63.75	19.77			24.45	42.52	18.21	30.99	1.58	31.52	52.39	19.49											
16/04/2021	14.64	33.89	10.88	31.19	0.86		35.02	69.33	19.50			29.60	53.91	13.27	23.44	0.4	56.35	63.75	19.77											
17/04/2021	12.43	30.28	10.74	28.63	0.82		31.41	49.17	19.54			29.60	53.91	13.27	23.44	0.4	35.02	69.33	19.50											
18/04/2021	16.32	36.88	10.81	28.57	0.84		18.02	42.22	20.07			25.24	10.42	13.59	48.54	0.75	31.41	49.17	19.54											
19/04/2021	20.14	80.32	12.12	30.18	0.94		27.67	59.09	19.73			32.03	87.00	13.54	28.23	0.83	25.24	10.42	13.59											
20/04/2021	40.45	89.59	13.86	33.12	0.87		54.24	68.04	13.55			32.00	82.32	13.42	22.08	0.66	32.03	87.00	13.54											
21/04/2021	26.82	70.89	10.32	41.64	0.83		20.25	41.16	10.78			32.00	82.32	13.42	22.08	0.66	32.00	82.32	13.42											
22/04/2021	15.93	66.34	10.17		0.38		54.24	68.04	13.55			32.59	69.25	13.60	27.52	0.59	32.59	69.25	13.60											
23/04/2021	22.1	87.1	10		0.44		20.25	41.16	10.78			35.32	75.25	13.04		0.62	35.32	75.25	13.04											
24/04/2021	36.64	43.77	10.03		0.4		46.58	52.21	8.81			35.39	78.99	14.00	Under Maintenance	0.59	46.58	52.21	8.81											
25/04/2021	41.84	54.44	10.51		0.38		50.37	55.17	9.38			39.87	82.21	14.05	cc	0.65	39.87	82.21	14.05											
26/04/2021	46.87	77.52	10.65	Under maintenance	0.48							49.88	59.87	14.14	25.68	0.97	49.88	59.87	14.14											
27/04/2021	23.06	75.98	10.29		0.42							51.52	81.25	14.37	29.52	0.91	51.52	81.25	14.37											
28/04/2021	26.12	85.65	10.25		0.5							38.25	89.10	14.35	18.40	0.65	38.25	89.10	14.35											
29/04/2021	19.8	62.25	10.06		0.44							36.53	97.56	14.48	33.62	0.71	36.53	97.56	14.48											
30/04/2021	16.4	45.63	10.15		0.47							33.84	74.61	14.49	30.59	0.78	33.84	74.61	14.49											

Material received at site, Installation under progress

Spare parts under procurement

Material received at site, Installation under progress

Due to power supply problem

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

Prepared By
P P Nandhisekar
Deputy Manager (Environment)

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

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

MONTH : May, 2021

Location		Near Kasumata Temple					Near Coke Oven Plant					Near MSEB Substation					Near Goa Gate					Near Dolvi Village				
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
01-05-2021		16.71	41.4	10.18		0.46						28.59	95.73	14.54	32.7	0.62										
02-05-2021		26.21	63.81	11.31		0.59						33.98	95.21	14.6	26.83	0.8										
03-05-2021		23.84	50.7	10.49	Under Maintenance	0.57						40.57	87.54	14.68	39.98	0.83										
04-05-2021		18.22	47.84	10.5		0.48						38.43	93.68	14.49	33.8	0.69										
05-05-2021		19.25	43.18	10.86		0.51						38.13	89.52	14.75	34.39	0.69										
06-05-2021		14.96	24.61	10.45	74.6	0.44						43.44	94.43	14.85	37.92	0.78										
07-05-2021		15.59	30.01	10.35	70.94	0.45						39.02	90.58	14.81	35.28	0.8										
08-05-2021		15.38	35.3	10.29	31.9	0.44						33.5	78.69	14.76	35.1	0.69										
09-05-2021		15.25	38.57	10.22	37.85	0.47						34.41	98.43	14.84	31.31	0.85										
10-05-2021		19.25	47.57	10.34	37.1	0.42						26.94	82.39	14.77	25.15	0.63										
11-05-2021		13.66	19.04	10.22	43.04	0.48						25.31	80.27	14.82	23.46	0.47										
12-05-2021		13.53	19.84	10.26	38.66	0.46						37.84	87.61	15.09	38.25	0.77										
13-05-2021		25.76	28.72	10.91	29.15	0.75						31.42	83.64	15.08	30.36	0.57										
14-05-2021		16.59	28.31	10.51	33.02	0.59						26.85	93.68	15.23	28.72	0.58										
15-05-2021		27.59	37.9	10.48	37.59	0.72						37.82	98.66	15.4	31.73	0.78										
16-05-2021		22.02	46.26	10.77	29.96	0.71						12.72	54.25	15.15	14.88	0.36										
17-05-2021		49.55	72.77	11.08	28.09	1.17						8.14	36.53	15.1	10.1	0.43										
18-05-2021		47.81	68.91	13.64	31.39	0.74						18.28	73.91	15.12	8.39	0.54										
19-05-2021		40.82	60.28	13.59	24.78	0.76						20.83	51.36	15.34	22.37	0.53										
20-05-2021		24.19	43.79	12.63	26.66	0.6						29.35	68.51	15.14	25.23	0.7										
21-05-2021		35.49	43.9	15.67	40.48	0.78						33.9	92.68	15.25	22.95	0.66										
22-05-2021		23.75	32.89	16.26	39.69	0.72						33.98	82.54	15.63	25.68	0.67										
23-05-2021		20.41	26	15.44	36.75	0.68						30.38	75.63	15.39	17.98	0.45										
24-05-2021		14.05	18.82	12.81	44.22	0.59						22.8	91.28	15.32	18.82	0.46										
25-05-2021		11.59	15.48	11.67	40.29	0.82						25.09	68.94	15.31	23.05	0.57										
26-05-2021		10.09	17.23	11.28	51.95	0.49						26.87	83.61	15.64	28.68	0.7										
27-05-2021		12.18	27.15	11.2	47.4	0.47						25.91	95.84	16.21	33.12	0.81										
28-05-2021		18.23	33.23	12.44	55.6	0.66						12.94	76.95	16.1	33.9	0.82										
29-05-2021		22.17	40.26	14.79	68.48	0.65						28.18	85.46	15.6	26.61	0.87										
30-05-2021		14.44	22.7	12.35	44.96	0.67						23.34	82.15	15.48	20.82	0.88										
31-05-2021		22.58	45.30	12.31	77.09	0.68						21.46	91.07	15.84	21.48	0.81										

Power Supply Problem

Material received at site, Installation under progress

Material received at site, Installation under progress

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

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

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

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH :June, 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					
01/06/2021		24.68	52.8	12.63	43.26	0.715											13.32	67.41	15.62	17.33	0.63										
02/06/2021		30.24	65.25	13.29	51.36	0.867											16.01	89.69	15.56	23.82	0.71										
03/06/2021		24.11	24.35	12.24	57.46	0.775											19.31	74.29	15.8	25.46	0.84										
04/06/2021		18.81	34.99	12.22	67.2	0.732											15.56	55.73	15.82	20.63	0.8										
05/06/2021		12.09	31.16	12.78	75.13	0.771											32.12	58.28	15.69	10.76	0.8										
06/06/2021		14.21	35.05	12.42	62.93	0.692											Under Maintenance														
07/06/2021		18.34	55.93	13.13	78.37	0.757																									
08/06/2021		14.48	44.58	12.73	71.85	0.754											12.99	34.05	15.46	23.27	0.42										
09/06/2021		22.63	64.09	13.49	81.14	0.909											8	36.53	15.23	17.62	0.32										
10/06/2021		23.22	64.72	13.76	78.19	0.812											6.61	26.18	15.45	14.69	0.3										
11/06/2021		21.07	61.45	14.2	89.35	0.899											13.6	55.84	15.61	24.31	0.62										
12/06/2021		16.83	43.95	13.17	72.82	0.78											12.02	89.55	15.47	14.92	0.38										
13/06/2021		13.68	39.97	12.88	69.54	0.699											23.65	95.63	15.67	30.49	0.67										
14/06/2021		14.31	49.04	12.12	63.44	0.741											9.89	52.66	15.47	22.13	0.42										
15/06/2021		15.97	40.95	12.05	70.11	0.704											5.18	12.44	15.66	10.1	0.34										
16/06/2021		19.74	53.24	12.41	83.29	0.853											21.08	63.53	16.22	30.88	0.54										
17/06/2021		21.03	51.19	12.93	89.66	0.805											41.48	88.63	16.65	43.89	1.2										
18/06/2021		13.15	48.01	12.1	64.65	0.684											10.84	27.23	15.93	13.86	0.36										
19/06/2021		25.32	56.31	12.88	79.18	0.861											36.45	92.32	16.23	23.12	0.78										
20/06/2021		19.51	53.94	12.83	64.91	0.707											32.17	87.14	16.35	31.23	0.53										
21/06/2021		19.24	43.82	13.06	72.01	0.771											31.81	74.96	15.75	39.4	0.85										
22/06/2021		11.45	28.45	12.21	63.9	0.642											37.98	90.23	15.95	29.72	0.66										
23/06/2021		Station Shifting to new location															19.77	92.8	16.33	24.77	0.4										
24/06/2021																							15.77	32.03	10.39	20.54	0.44				
25/06/2021	Transfer put manual		55.49	15.12	22.89	1.134																									
26/06/2021	Manualy off		63.25	13.94	73.09	1.013																									
27/06/2021	due to sample		54.59	12.63	66.62	0.773																									
28/06/2021	hood is break		68.82	12.58	62.11	0.891																									
29/06/2021	by crane		54.25	13.6	78.29	0.678																									
30/06/2021			83.73	12.97	71.54	0.707											17.03	59.87	16.42	20.52	0.47										

Checked By
Dr. Anand Rai
Associate Vice

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

Prepared By
P.P.Nandusekar
Deputy Manager

Deputy Manager (Environment)

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

Standards	< 75	< 70
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JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT

MONTH : July, 2021

Location	Near Kasumata Temple					Near Coke Oven Plant					Near MSEB Substation					Near Goa Gate					Near Dolvi Village				
	Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO				
01-07-2021		19.38	78.35	14.82	77.5	0.8											14.03	53.74	17	13.58	0.5				
02-07-2021		24.57	64.7	14.25	77.34	0.63											Power Supply Problem								
03-07-2021		24.41	68.57	13.22	71.24	0.69											12.92	74.62	17.41	55.94	0.8				
04-07-2021		21.77	71.68	14.07	77.11	0.8											15.64	83.64	16.84	28.58	0.53				
05-07-2021		20.02	68.81	14.57	77.33	0.8											23.33	45.87	16.62	20.6	0.51				
06-07-2021		12.45	45.84	12.26	68.44	0.65											21.04	96.42	16.42	18.82	0.42				
07-07-2021		13.84	61.25	11.99	73.58	0.61											21.61	89.7	16.44	23.33	0.47				
08-07-2021		19.52	65.78	12.33	58.64	0.79											18.99	81.1	16.63	23.87	0.52				
09-07-2021		17.46	60.64	12.78	63.25	0.96											21.07	56.58	17.09	23.04	0.67				
10-07-2021		20.18	55.8	12.91	77.56	0.87											22.68	62.14	17.34	26.19	0.55				
11-07-2021		15.03	29.35	12.61	73.54	0.67											5.36	11.81	16.77	12.83	0.73				
12-07-2021		16.83	27.8	12.24	72.06	0.72											24.28	66.23	17.53	37.04	1.58				
13-07-2021		20.4	38.92	12.75	74.93	0.77											18.77	38.3	17.06	25.46	0.84				
14-07-2021		27.02	51.75	15.27	70.54	0.84											11.28	18.49	17.04	16.44	0.58				
15-07-2021		22.17	39.36	13.83	58.91	0.8											12.13	23.02	17.1	17.51	0.72				
16-07-2021		18.66	34.33	13.32	63.25	0.71											10.58	21.76	16.94	12.96	0.74				
17-07-2021		14.85	28.37	12.87	79.07	0.68											5.84	10.21	16.97	28.18	0.81				
18-07-2021		14.55	27.07	12.5	73.26	0.67											20.63	36.62	17.21	33.07	1.1				
19-07-2021		12.16	21.13	12.08	56.1	0.61											29.36	63.58	17.04	47.96	1.3				
20-07-2021		6.62	9.19	11.6	38.73	0.5											43.23	74.61	17.14	41.52	1.7				
21-07-2021		6.28	7.57	11.24	37.95	0.46											31.58	63.59	17.69	46.87	2.31				
22-07-2021		7.05	9.62	11.23	37.42	0.47											35.74	82.15	17.14	39.37	1.29				
23-07-2021		6.42	9.37	11.24	38.34	0.48											33.45	84.61	17.21	33.83	1.39				
24-07-2021		6.58	7.11	11.34	37.93	0.48											28.93	76.34	17.12	31.56	1.22				
25-07-2021		6.33	14.43	11.34	38.42	0.46											18.92	71.74	17.22	26.56	1.46				
26-07-2021		7.12	9.13	11.07	38.39	0.45											35.76	67.94	17.48	40.77	1.69				
27-07-2021		5.86	7.29	10.96	40.28	0.46											24.82	65.54	17.3	30.11	0.97				
28-07-2021		6.52	7.87	10.98	39.34	0.45											13.29	52.31	17.16	18.51	0.68				
29-07-2021		5.79	7.04	10.95	40.11	0.45											27.74	84.7	12.61	29.68	1.06				
30-07-2021		5.64	7.76	10.94	42	0.45											46.28	80.59	13.88	55.47	1.37				
31-07-2021		11.16	20.19	11.88	52.24	0.36											40.36	74.61	13.95	45.67	1.74				

Material received at site, Installation under progress

Power Supply Problem

MIB Board and display Assembly submitted in Electronics Lab for repairing

Material received at site, Installation under progress

Power Supply Problem

Material received at site, Installation under progress

Material received at site, Installation under progress

Material received at site, Installation under progress

Material received at site, Installation under progress

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

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

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

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

MONTH : August, 2021

Location	Near Kasumata Temple						Near Coke Oven Plant						Near MSEB Substation						Near Goa Gate						Near Dolvi Village					
Date	PM2.5	PM10	SO2	NOX	CO		PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO				
01-08-2021	9.65	13.43	14.3	57.2	0.4		12.1	31.9	16.6	52.9		28.15	94.75	13.95	59.33	1.7														
02-08-2021	9.61	16.54	14.2	56.6	0.4		10.4	30.7	17.5	47.7		27.63	81.61	14.03	73.1	2.19														
03-08-2021	10.54	20.35	14.3	57.4	0.4		9.4	27.5	17.6	48.6		28.7	69.67	13.98	70.32	2.1														
04-08-2021	11.04	41.54	14.4	56.9	0.4		10.2	32.7	17.6	57.3		35.29	77.06	13.93	71.03	2.43														
05-08-2021	9.38	20.68	14.3	56.8	0.4		10.7	20.4	17.9	68.8		4.67	19.65	13.47	40.03	0.88														
06-08-2021	6.5	19.67	14.3	60.1	0.4		12.2	91.5	18.1	68.7		16.08	44.48	13.65	43.85	1.09														
07-08-2021	7.6	9.85	14.4	61.4	0.4		52.5	54.6	18.4	58.6		21.04	41.25	13.5	40.26	0.94														
08-08-2021	19.56	36.54	16.1	76	0.7		15.0	39.8	18.4	54.2																				
09-08-2021	17.46	41.23	15.5	78.1	0.9		12.4	34.5	18.1	34.2																				
10-08-2021	16.36	28.75	15.6	71	1.3		12.4	30.6	18.2	32.7																				
11-08-2021	17.33	24.02	16	76.3	1.8		9.4	22.2	20.6	30.5																				
12-08-2021	18.11	31.24	16.7	79.1	2.2		11.5	39.6	20.6	52.3																				
13-08-2021	10.75	16.42	15.1	65.1	2.9		15.2	24.1	20.9	54.2																				
14-08-2021	14.05	23.29	15.9	71.7	3.6																									
15-08-2021	14	22.35	15.6	72.1	3.6																									
16-08-2021	15.12	28.42	18.1	62.35	1.5																									
17-08-2021	14.42	35.8	16.6	48.75	1.6																									
18-08-2021	11.99	21.27	16.3	63.95	3.3																									
19-08-2021	11.5	31.03	16.6	54.21	3.1																									
20-08-2021	12.82	35.62	15.8	41.85	2.15																									
21-08-2021	10.92	16.64	15.3	74.6	0.95																									
22-08-2021	11.15	42.91	15.4	77.1	0.54																									
23-08-2021	10.8	68.35	16.1	76.4	2.48																									
24-08-2021	12.26	32.3	17.6	71.25	1.64																									
25-08-2021	11.66	35.57	15.8	41.63	1.98																									
26-08-2021	16.98	20.26	17.1	63.54	3.01																									
27-08-2021	21.69	39.54	15.4	38.64	2.21																									
28-08-2021	19.49	42.51	14.6	53.6	1.1																									
29-08-2021	22.32	23.39	15.1	57.2	1.3																									
30-08-2021	20.96	36.59	15	59.1	1.6																									
31-08-2021	15.94	16.72	15.1	56.4	1.1																									
							Installation and Commissioning under progress						Under Maintenance						Installation and Commissioning under progress						Near Dolvi Village					

Prepared By
[Signature]
P. P. Nandusekar
Deputy Manager (Environment)

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

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

MONTH :September, 2021

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

P. P. Nandusekar

Deputy Manager (Environment)

Dr. Anand Rai

Associate Vice President (HOD-Environment)