

Dolvi Works:

Geetapuram,
Dolvi, Taluka - Pen,
Dist Raigad - 402 107, Maharashtra, India.
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BY COURIER

May 24, 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 October 2020 to March 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.

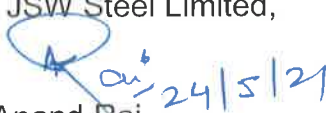
Dear Sir,

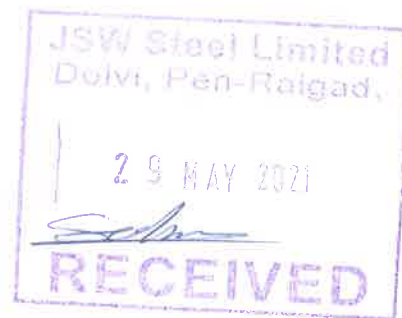
Please find enclosed the six monthly Environmental Monitoring Reports for the period of October 2020 to March 2021 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from Sponge 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.
General Manager (HOD-Environment)



- CC: 1) The Director, MoEF&CC, Indira Paryavaran Bhawan, Jor Bagh, Lodi Road, New Delhi-110003 for kind information.
2) The Zonal officer, CPCB, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023, Gujarat.
3) The Regional Officer, MPCB, Raigad, Raigad Bhavan, CBD Belapur, Navi Mumbai

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.			Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
1	Chromium	mg/l	0.0022	0.0017	0.0014	0.0019	0.0022	0.0017
2	Zinc	mg/l	0.097	0.1	0.095	0.098	0.097	0.096
3	Phosphate	mg/l	0.95	0.98	0.94	0.86	0.10	0.92
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil


Prepared By

P. P. Nandusekar
Assistant.Manager (Environment)


Checked By

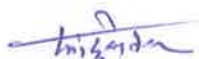
Dr. Anand Rai
General Manager (HOD-Environment)

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					
			Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
1	Temperature	°C	27.1	27.1	27.0	27.3	27.3	27.20
2	pH	-	7.2	7.4	7.4	7.1	7.1	8.20
3	D.O.	mg/l	5.3	5.3	5.1	5.5	5.5	2.20
4	T.S.S.	mg/l	18.4	16.8	18.0	17.2	17.2	552.20
5	T.D.S.	mg/l	232.0	228.0	284.0	232.0	232.0	452.00
6	C.O.D.	mg/l	21.6	26.4	26.4	26.7	26.7	45.60
7	B.O.D.	mg/l	6.5	7.5	7.0	7.0	7.0	7.40
8	Oil & Grease	mg/l	3.6	4.4	4.0	2.4	2.4	5.00
9	Iron	mg/l	0.31	0.3	0.3	0.291	0.3	1.26
10	Chlorides	mg/l	55.0	55.0	45.0	45.0	45.0	149.95
11	Sulphates	mg/l	2.4	2.3	2.3	2.3	2.3	3.31
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	°C	27.20	27.20	27.20	27.20	27.20	27.20


Prepared By

P. P. Nandusekar
Assistant. Manager (Environment)



Checked By
Dr. Anand Rai.
General Manager (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					
			Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
1	Temperature	°C	57	57	57.2	57.1	57.3	57.3
2	pH	-	8.2	8.4	8.1	8.2	8.15	8.2
3	D.O.	mg/l	2.4	2.3	2.2	2.15	2.15	2.4
4	T.S.S.	mg/l	546.8	556.0	545.6	548.6	550	546.8
5	T.D.S.	mg/l	474.0	426.0	462.0	477	464	474.0
6	C.O.D.	mg/l	32.3	37.0	32.3	45.12	37.49	32.3
7	B.O.D.	mg/l	6.8	7.8	7.3	7.625	7.375	6.8
8	Oil & Grease	mg/l	4.8	5.6	4.8	4.4	4.4	4.8
9	Iron	mg/l	1.2	1.3	1.22	1.2325	1.2275	1.24
10	Chlorides	mg/l	145.0	140.0	149.95	152.45	144.95	144.95
11	Sulphates	mg/l	3.1	3.1	3.15	3.16	3.305	3.05



Prepared By

P. P. Nandusekar

Assistant Manager (Environment)



Checked By

Dr. Anand Rai

General Manager (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			
									Particulate Matter (PM)	SO ₂	NOx	CO
I	Plant Capacity: 3.0 MTPA											
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	12/10/2020 10:00 Hrs	9801.00	17.26	24.56	16.50	23.40	19.90
						21/11/2020 10:05Hrs	9630.00	16.40	24.15	20.12	26.53	16.00
						09/12/2020 11:10Hrs	7314.00	17.40	28.77	18.77	32.56	28.16
						19/01/2021 10:15Hrs	9273.0	16.91	5.43	12.0	38.0	25.0
						01/02/2021 13:45Hrs	9062.0	17.22	5.66	15.0	32.0	27.0
						08/03/2021 16:00Hrs	9883.0	17.40	28.00	22.0	29.0	19.0
						12/10/202 12:00 Hrs	9801.00	13.25	27.12	23.40	28.77	20.10
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	21/11/2020 12:18Hrs	9630.00	14.25	28.00	21.00	28.00	23.11
						09/12/2020 12:25Hrs	7314.00	16.00	22.00	16.45	46.00	77.50
						19/01/2021 12:00Hrs	9273.0	4.59	18.61	17.0	31.54	94.3
						04/02/2021 09:45Hrs	9757.0	5.89	10.53	20.0	28.00	38.0
						08/03/2021 14:30Hrs	9883.0	10.18	43.00	18.0	34.00	42.0
						12/10/2020 14:28 Hrs	9801.00	12.51	22.63	<1	<1	NA
						21/11/2020 15:28Hrs	9630.00	12.45	21.25	<1	<1	NA
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	09/12/2020 14:43Hrs	7314.00	14.00	25.00	<1	<1	NA
						19/01/2021 15:22Hrs	9273.0	5.78	13.61	<1	<1	NA
						08/02/2021 10:15Hrs	9688.0	12.62	17.61	<1	<1	NA
						14/03/2021 15:30Hrs	7893.0	7.56	36.00	<1	<1	NA
						17/10/2020 10:35 Hrs	9406.0	12.15	9.60	143.3	182.23	11.0
						16/11/2020 10:25Hrs	9351.0	11.02	7.50	153.0	166.00	19.1
						15/12/2020 11:00Hrs	10062.0	6.10	8.80	127.0	41.00	9.0
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	04/01/2021 11:15Hrs	9643.0	10.00	8.80	88.0	31.00	28.0
						20/02/2021 10:25Hrs	8180.0	11.00	10.00	38.0	25.00	18.0
						17/03/2021 10:24Hrs	9780.0	12.00	12.00	79.5	28.00	22.0

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

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
5	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	17/10/2020 12:15 Hrs	9406.0	10.69	7.80	136.9	77.56	14.0
						16/11/2020 12:28Hrs	9351.0	10.80	9.90	132.0	88.00	18.0
						15/12/2020 10:46Hrs	10062.0	5.90	7.90	43.1	31.12	18.8
						04/01/2021 14:28Hrs	9643.0	9.00	7.80	109.0	43.00	24.0
						20/02/2021 12:00Hrs	8180.0	10.00	8.90	86.0	36.00	28.0
						17/03/2021 15:10Hrs	9780.0	11.00	10.00	88.5	35.00	32
						19/10/2020 11:35 Hrs	9056.0	11.88	8.36	96.5	55.12	10.4
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	17/11/2020 12:00Hrs	9311.0	12.53	8.50	89.0	42.00	14.0
						15/12/2020 11:46Hrs	10062.0	4.80	9.40	98.0	22.56	31.0
						07/01/2021 12:22Hrs	10297.0	10.00	6.80	100.0	36.00	18.0
						25/02/2021 10:00Hrs	9778.0	11.00	9.00	79.0	32.00	21.0
						18/03/2021 10:00Hrs	9659.0	10.00	8.90	66.5	25.00	28.00
						19/10/2020 16: 10 Hrs	9056.0	12.69	9.40	118.4	69.48	13.3
						17/11/2020 15:21Hrs	9311.0	11.47	6.98	111.0	58.00	17.0
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	15/12/2020 12:56Hrs	10062.0	5.60	8.20	124.0	37.00	36.0
						07/01/2021 16:10Hrs	10297.0	10.00	9.20	77.0	43.00	22.0
						25/02/2021 12:23Hrs	9778.0	10.00	11.00	65.0	41.00	24.0
						18/03/2021 12:10Hrs	9659.0	10.00	13.00	85.6	33.00	29.00
						12/10/2020 11:05 Hrs	141	9.63	22.14	110	88.95	19
						23/11/2020 11:17Hrs	84.0	9.56	19.23	118.0	76.00	17.0
						16/12/2020 14:00Hrs	94.0	10.00	22.00	43.0	32.00	26.0
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	22/01/2021 16:24Hrs	178	10	16	66	36	28
						18/02/2021 11:20Hrs	187.0	11.00	15.00	33.0	48.00	32.0
						22/03/2021 12:20Hrs	116.0	10.00	32.00	79.3	42.00	36.00
						28/10/2020 10:05 Hrs	9646.0	11.50	18.76	NA	NA	NA
						17/11/2020 10:00Hrs	9311.0	12.15	23.00	NA	NA	NA
						17/12/2020 16:00Hrs	11518.0	11.00	32.00	NA	NA	NA
						18/01/2021 16:44Hrs	9676.0	12.00	28.00	NA	NA	NA
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	10/02/2021 14:28Hrs	9359.0	10.00	32.00	NA	NA	NA
						01/03/2021 16:32Hrs	9431.0	9.00	38.00	NA	NA	NA
						CPCB Norms						

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

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO

Plant Capacity: 0.44 MTPA												
Lime Calcination Plant												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	Due to rainy season operation is not required due to high moisture in raw material.	582	10	24	NA	NA	NA
						27/11/2020 13:12Hrs						
						07/12/2020 12:20Hrs	595	10	21	NA	NA	NA
						09/01/2021 14:12Hrs	588	9	18	NA	NA	NA
						16/02/2021 09:50Hrs	539	9	15	NA	NA	NA
						19/03/2021 16:35Hrs	547	10	14	NA	NA	NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	05/10/2020 10:45 Hrs	289.0	14.30	22.31	18.1	31.50	28.2
						24/11/2020 11:12Hrs	293.0	15.63	28.23	25.46	38.0	29
						07/12/2020 10:38Hrs	302.0	18.00	28.79	27.0	49.00	13.0
						09/01/2021 11:00Hrs	303.0	22.8	20.25	25.17	18.0	43.2
						09/02/2021 14:30Hrs	310.0	24.5	24.73	28.77	25.0	32.0
						16/03/2021 13:00Hrs	294.0	23.0	18.56	22.00	15.0	28.0
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	05/10/2020 11:20Hrs	287.0	16.40	24.53	31.3	16.30	22.1
						24/11/2020 12:00Hrs	268.0	14.25	25.36	33	19.0	24.77
						07/12/2020 11:12Hrs	293.0	20.00	23.00	32.0	42.00	28.0
						09/01/2021 10:42Hrs	285.0	15.03	16.55	43.4	38.00	22.3
						09/02/2021 12:15Hrs	290.0	20.3	25.74	22.00	26.0	31.0
						16/03/2021 09:30Hrs	300.0	17.5	29.94	18.00	23.0	35.0
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	05/10/2020 11:20Hrs	576.0	11.00	14.77	NA	NA	NA
						24/11/2020 14:25Hrs	561.0	10.25	15.88	NA	NA	NA
						07/12/2020 16:00Hrs	595.0	11.00	18.00	NA	NA	NA
						09/01/2021 16:22Hrs	588.0	11.0	18.00	NA	NA	NA
						16/02/2021 11:10Hrs	539.0	10.0	18.00	NA	NA	NA
						19/03/2021 11:45Hrs	547.0	10.0	21.00	NA	NA	NA



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



Prepared By
P.P. Nandusekar
Asst. 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

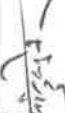
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	Due to rainy season operation is not required due to high moisture in raw material.	472	10	19	NA	NA	NA
						27/11/2020 11:42Hrs	516	10	20	NA	NA	NA
						23/12/2020 14:32Hrs	575	10	28	NA	NA	NA
						23/01/2021 11:15Hrs	550	8	19	NA	NA	NA
						16/02/2021 16:32Hrs	549	9	24	NA	NA	NA
						20/03/2021 12:00Hrs	461.0	18.26	28.36	22.0	29.56	18.5
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	26/10/2020 10:10 Hrs	520.0	20.20	23.05	29.0	31.45	24.1
						25/11/2020 09:50Hrs	476.0	19.39	31.00	24.0	39.00	46.0
						07/12/2020 14:20Hrs	580.0	9.50	16.00	NA	NA	NA
						25/01/2021 16:22Hrs	467.0	5.24	26.57	14.6	88.12	22.1
						09/02/2021 16:45Hrs	550.0	6.82	34.45	13.0	40.00	29.0
						16/03/2021 15:30Hrs	461.0	10.25	12.47	NA	NA	NA
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	26/10/2020 11:42 Hrs	520.0	12.05	17.45	NA	NA	NA
						25/11/2020 11:12Hrs	516.0	11.00	16.00	NA	NA	NA
						23/12/2020 12:50Hrs	575.0	10.32	32.56	14.28	91.710	24.1
						23/01/2021 12:25Hrs	550.0	9.00	15.00	NA	NA	NA
						16/02/2021 14:17Hrs	549.0	10.00	26.00	NA	NA	NA
						20/03/2021 14:38Hrs	CPCB Norms					100
												NA

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

Prepared By
P. P. Nandusekar
Asst. 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

Plant Capacity: 2.0 MTPA												
III Sponge Iron Plant												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	10/10/2020 16:00 Hrs	2384.0	35.0	8.96	22.3	44.6	32.2
						02/11/2020 15:23Hrs	2640.0	38.0	9.00	12.0	39.0	36.0
						03/12/2020 12:16Hrs	3840.0	37.0	12.00	15.0	36.0	42.0
						16/01/2021 14:28Hrs	3152.0	40.0	10.00	16.0	28.0	32.0
						01/02/2021 16:00Hrs	3752.0	42.0	8.90	18.0	35.0	42.0
						13/03/2021 16:00Hrs	3576.0	40.0	12.00	25.0	38.0	66.0
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	10/10/2020 11:20 Hrs	2384.0	13.4	15.42	NA	NA	NA
						02/11/2020 10:11Hrs	2640.0	11.5	25.46	NA	NA	NA
						04/12/2020 10:30Hrs	3809.0	10.0	27.00	NA	NA	NA
						27/01/2021 10:11Hrs	3600.0	12.0	25.66	NA	NA	NA
						11/02/2021 12:50Hrs	3378.0	11.0	24.00	NA	NA	NA
						13/03/2021 12:00Hrs	3576.0	12.0	27.00	NA	NA	NA
3	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	10/10/2020 12:38 Hrs	2384.0	13.9	15.74	NA	NA	NA
						09/11/2020 10:00Hrs	2880.0	11.52	18.12	NA	NA	NA
						05/12/2020 12:22Hrs	3861.0	11.52	23.00	NA	NA	NA
						16/01/2021 10:11Hrs	3152.0	10.00	23.00	NA	NA	NA
						08/02/2021 10:10 Hrs	3806.0	10.00	23.00	NA	NA	NA
						13/03/2021 14:00Hrs	3576	11	32	NA	NA	NA
4	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	not in operation						
						02/11/2020 11:45Hrs	2640.0	12.80	28.77	NA	NA	NA
						04/12/2020 12:05Hrs	3809.0	11.00	32.00	NA	NA	NA
						Stand By						

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

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO

5	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	under maintenance						
6	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	08/10/2020 15:00Hrs	2384.00	12.36	18.63	NA	NA	NA
						27/11/2020 10:12Hrs	3151.0	12.2	22.23	NA	NA	NA
						05/12/2020 10:15Hrs	3861.0	12.0	24.00	NA	NA	NA
						27/01/2021 16:00Hrs	3600.0	10.0	21.00	NA	NA	NA
						11/02/2021 09:50Hrs	3378.0	10.0	28.00	NA	NA	NA
					13/03/2021 10:35Hrs	3576.0	11.0	24.00	NA	NA	NA	
						CPCB Norms			< 50		NA	NA

Plant Capacity: 3.5 MTPA												
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters	13/10/2020 14:25Hrs	9142.0	16.3	14.3	NA	NA	NA
						13/11/2020 11:43Hrs	8874.0	13.5	18.8	NA	NA	NA
						22/12/2020 16:20Hrs	9597.0	14.0	22.0	NA	NA	NA
						21/01/2021 11:50Hrs	9725.0	13.0	39.8	NA	NA	NA
						01/02/2021 09:45Hrs	9791.0	12.0	37.3	NA	NA	NA
						09/03/2021 15:00Hrs	6758.0	58.6	4.6	NA	NA	NA
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	13/10/2020 10:15Hrs	9142.0	5.6	25.5	NA	NA	NA
						12/11/2020 10:23Hrs	8792.0	11.5	28.8	NA	NA	NA
						19/12/2020 14:00Hrs	9544.0	10.0	29.0	NA	NA	NA
						21/01/2021 10:24Hrs	9725.0	3.7	5.2	NA	NA	NA
						05/02/2021 11:00Hrs	9589.0	4.8	8.6	NA	NA	NA
						09/03/2021 10:45Hrs	6758.0	89.70	10.11	NA	NA	NA

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	NO _x	CO	
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	13/10/2020 11:25Hrs	9142.0	7.5	33.1	NA	NA	NA	NA
						12/11/2020 12:28Hrs	8792.0	10.2	32.0	NA	NA	NA	NA
						19/12/2020 16:00Hrs	9544.0	10.0	30.0	NA	NA	NA	NA
						28/01/2021 14:00Hrs	9725.0	5.8	7.2	21.00	42.00	86.6	
						08/02/2021 14:30Hrs	9589.0	6.4	7.6	6.11	21.89	25.8	
						11/03/2021 15:15Hrs	9411.0	18.00	3.09	98.8	72.7	100.7	
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	24/10/2020 12:15Hrs	3270	15.46	12.15	33.6	65.4	88.2	
						12/11/2020 15:43Hrs	8792.0	15.2	9.5	40.23	55.68	79.0	
						03/12/2020 10:00Hrs	9183.0	15.0	14.0	148.00	66.00	82.0	
						21/01/2021 14:45Hrs	9725.0	10.9	10.6	NA	NA	NA	NA
						05/02/2021 14:30Hrs	9589.0	10.7	11.1	NA	NA	NA	NA
						11/03/2021 10:15Hrs	9411.0	32.0	10.1	NA	NA	NA	NA
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	24/10/2020 17:00Hrs	68.0	14.5	18.8	25.26	31.25	19.45	
						13/11/2020 10:15Hrs	108.0	12.5	18.1	28.12	33.45	18.77	
						23/12/2020 10:00Hrs	94.0	12.5	16.0	32.00	26.00	16.00	
						18/01/2021 14:25Hrs	64.0	10.0	18.0	66.00	76.00	28.00	
						18/02/2021 15:15Hrs	42.0	11.0	19.0	42.00	53.00	31.00	
						22/03/2021 10:15Hrs	148.0	10.0	32.0	28.00	39.00	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 MW/h)	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	20/10/2020 10:25Hrs	5588.0	12.15	22.13	NA	NA	NA
						11/11/2020 10:22Hrs	6533.0	11.12	32.58	NA	NA	NA
						22/12/2020 09:45Hrs	6913.0	12.00	29.00	NA	NA	NA
						18/01/2021 10:22Hrs	7085.0	10.00	25.00	NA	NA	NA
						12/02/2021 10:00Hrs	7080.0	11.00	24.00	NA	NA	NA
						05/03/2021 10:15Hrs	6542.0	10.00	24.00	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	20/10/2020 12:15Hrs	5588.0	13.11	26.53	NA	NA	NA
						06/11/2020 11:55Hrs	3095.0	10.00	24.15	NA	NA	NA
						17/12/2020 13:00Hrs	7169.0	10.00	26.00	NA	NA	NA
						18/01/2021 12:15Hrs	7085.0	12.00	28.00	NA	NA	NA
						12/02/2021 12:15Hrs	7080.0	12.00	29.00	NA	NA	NA
						05/03/2021 12:18Hrs	6542.0	13.00	29.00	NA	NA	NA
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	20/10/2020 15:33Hrs	5588.0	13.25	25.63	NA	NA	NA
						06/11/2020 10:28Hrs	3095.0	12.15	31.15	NA	NA	NA
						17/12/2020 09:50Hrs	7169.0	11.00	34.00	NA	NA	NA
						08/01/2021 10:18Hrs	7254.0	13.00	33.00	NA	NA	NA
						12/02/2021 14:22Hrs	7080.0	12.00	33.00	NA	NA	NA
						05/03/2021 14:00Hrs	6542.0	12.00	35.00	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	21/10/2020 10:23Hrs	7221.0	10.25	30.14	188.00	243.00	110.2
						06/11/2020 13:18Hrs	3095.0	8.72	42.15	176.53	198.78	43.3
						17/12/2020 11:57Hrs	7169.0	5.30	40.00	144.00	87.90	187.0
						06/01/2021 18:00Hrs	4866.0	14.77	28.98	110.00	21.76	68.11
						11/02/2021 11:00Hrs	7739.0	16.00	45.76	122.00	28.00	73.00
						14/03/2021 13:00Hrs	7443.0	20.00	30.33	128.00	38.42	88.63

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									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	21/10/2020 12:00Hrs	7221.0	15.48	19.77	NA	NA	NA
						11/11/2020 16:12Hrs	6533.0	14.25	35.26	NA	NA	NA
						22/12/2020 14:15Hrs	6913.0	13.00	32.00	NA	NA	NA
						08/01/2021 15:10Hrs	7254.0	16.00	36.00	NA	NA	NA
						12/02/2021 16:45Hrs	7080.0	17.00	36.00	NA	NA	NA
						05/03/2021 16:22Hrs	6542.0	17.00	39.00	NA	NA	NA
CPCB Norms									<150	NA	NA	NA

Plant Capacity: 2.5 MTPA												
1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	01/10/2020 10:10Hrs	7913.0	19.5	26.5	134.3	45.6	156.3
						20/11/2020 10:15Hrs	7568.0	22.5	22.2	140.0	52.1	148.8
						18/12/2020 12:14Hrs	7322.0	22.0	24.0	148.0	186.0	110.0
						22/01/2021 12:19Hrs	8514.0	17.7	15.4	165.0	118.0	175.0
						04/02/2021 15:00Hrs	8515.0	17.0	23.7	102.0	122.0	134.0
						09/03/2021 12:00Hrs	6913.0	17.4	22.1	116.0	129.8	142.2
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	01/10/2020 12:23Hrs	7913.0	11.0	18.5	NA	NA	NA
						10/11/2020 11:20Hrs	7784.0	11.3	15.4	NA	NA	NA
						16/12/2020 15:00Hrs	7319.0	10.0	13.0	NA	NA	NA
						22/01/2021 09:50Hrs	8514.0	10.0	18.0	NA	NA	NA
						13/02/2021 10:15Hrs	6845.0	11.0	15.0	NA	NA	NA
						03/03/2021 10:22Hrs	7168.0	10.0	17.0	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	01/10/2020 16:22Hrs	7913.0	10.3	23.2	NA	NA	NA
						10/11/2020 12:45Hrs	7784.0	10.3	22.1	NA	NA	NA
						16/12/2020 17:01Hrs	7319.0	11.0	26.0	NA	NA	NA
						22/01/2021 11:49Hrs	8514.0	11.0	23.0	NA	NA	NA
						13/02/2021 14:35Hrs	6845.0	10.0	21.0	NA	NA	NA
						03/03/2021 12:00Hrs	7168.0	11.0	24.0	NA	NA	NA

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									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	03/10/2020 10:32Hrs	7370.0	12.0	17.4	NA	NA	NA
						10/11/2020 15:00Hrs	7784.0	12.5	18.8	NA	NA	NA
						14/12/2020 15:38Hrs	7634.0	10.2	19.0	NA	NA	NA
						20/01/2021 10:15Hrs	8329.0	11.0	21.0	NA	NA	NA
						20/02/2021 10:05Hrs	6958.0	10.0	26.0	NA	NA	NA
						12/03/2021 10:00Hrs	7910.0	11.0	23.0	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	03/10/2020 12:00Hrs	7370.0	12.2	26.5	NA	NA	NA
						20/11/2020 12:18Hrs	7568.0	10.2	28.6	NA	NA	NA
						14/12/2020 14:00Hrs	7634.0	11.1	29.0	NA	NA	NA
						20/01/2021 12:00Hrs	8329.0	10.0	26.0	NA	NA	NA
						20/02/2021 11:42Hrs	6958.0	9.0	28.0	NA	NA	NA
						12/03/2021 12:23Hrs	7910.0	9.0	29.0	NA	NA	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	03/10/2020 14:35Hrs	7370.0	10.0	30.1	NA	NA	NA
						20/11/2020 14:00Hrs	7568.0	11.2	26.2	NA	NA	NA
						14/12/2020 11:28Hrs	7634.0	10.5	22.0	NA	NA	NA
						20/01/2021 15:18Hrs	8329.0	12.0	28.0	NA	NA	NA
						20/02/2021 14:55Hrs	6958.0	10.0	24.0	NA	NA	NA
						12/03/2021 15:10Hrs	7910.0	10.0	32.0	NA	NA	NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	03/10/2020 16:00 Hrs	7370.0	12.5	18.5	NA	NA	NA
						10/11/2020 10:00Hrs	7784.0	9.8	16.5	NA	NA	NA
						14/12/2020 10:10Hrs	7634.0	8.8	14.0	NA	NA	NA
						20/01/2021 16:28Hrs	8329.0	9.8	14.0	NA	NA	NA
						13/02/2021 12:05Hrs	6845	10	12	NA	NA	NA
						03/03/2021 14:38Hrs	7168.0	8.0	20.0	NA	NA	NA


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									Particulate Matter (PM)	SO ₂	NOx	CO

8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters							
						12/03/2021 15:10Hrs	7910	8	22	NA	NA	NA
							CPCB Norms		<50	NA	NA	NA

under maintenance

VII Captive Power Plant (55 MW)

1	Boiler Stack	Boiler	40	5.0	Blower	26/10/2020 16:10Hrs	54	13.3	12.6	10.45	66.53	33.48
						25/11/2020 14:05Hrs	54	13.5	12.5	12.25	55.23	28.78
						18/12/2020 14:00Hrs	54.0	14.00	16.23	14.0	38.0	46.0
						15/01/2021 12:10Hrs	54	14.0	13.0	18.12	44.18	22
						24/02/2021 14:00Hrs	54	12.0	12.0	20	32	28
						22/03/2021 16:28Hrs	54	13.0	10.0	28.0	42.0	34.0
							CPCB Norms		<150	NA	NA	NA

VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)

1	Billet Caster Stack	Laddle Heating Furnace	80	2.0	Fume extraction system	17/10/2020 11:22Hrs	2394	14.52	24.15	32.2	20.2	31.3
						10/11/2020 14:20Hrs	510.0	12.45	26.86	34.1	20.4	36.2
						02/12/2020 15:11Hrs	2895.0	14.00	29.00	38.77	28.64	42.15
						11/01/2021 16:00Hrs	3159.0	15.00	3.54	41.12	33.56	41.22
						22/02/2021 12:32Hrs	2135.0	14.00	21.00	39	42.12	28.15
						17/03/2021 08:00Hrs	2726.0	8.76	22.00	0.56	6.55	12.09
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	17/10/2020 11:22Hrs	3153.0	16.25	16.52	25.63	32.15	46.53
						10/11/2020 11:10Hrs	984.0	15.23	28.36	28.5	39.0	66.2
						16/12/2020 11:58Hrs	1187.0	16.00	27.00	24	45	26
						11/01/2021 10:35Hrs	1990.0	17.00	25.00	169.78	210.81	56.66
						22/02/2021 10:28Hrs	2869.0	16.00	8.60	134	166.23	68.59
						18/03/2021 16:30Hrs	3113.0	15.00	13.00	20.89	137.55	70.25
							CPCB Norms		<50	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
IX Coke oven Plant -II												
Plant Capacity: 2.5 MTPA												
1	Coke Oven Battery Main Stack		150	11.0	Electrostatic Precipitators	15/10/2020 10:32Hrs	3187.0	8.9	30.3	92.1	36.2	166.5
						03/11/2020 12:30Hrs	3769.0	8.8	43.6	122.3	42.2	176.4
						22/12/2020 11:35Hrs	3722.0	12.0	38.0	152.0	131.0	290.0
						27/01/2021 14:38Hrs	3550.0	12.0	35.1	118.0	142.0	156.0
						23/02/2021 14:00Hrs	3842.0	14.0	29.0	125.0	152.3	166.1
2	Coke Oven Battery Pushing Side		30	2.8	Bag Filters	24/03/2021 11:10Hrs	4887.0	15.0	36.0	131.0	166.0	172.0
						15/10/2020 12:00Hrs	3187.0	10.0	10.2	NA	NA	NA
						03/11/2020 10:11Hrs	3769.0	13.6	14.8	NA	NA	NA
						11/12/2020 10:05Hrs	3719.0	12.5	12.9	NA	NA	NA
						02/01/2021 10:00Hrs	3771.0	12.0	10.0	NA	NA	NA
3	Coke Oven Battery Charging Side		29.5	1.5	Bag Filters	02/02/2021 10:00Hrs	3816.0	11.0	12.0	NA	NA	NA
						01/03/2021 10:10Hrs	4856.0	13.0	15.0	NA	NA	NA
						15/10/2020 13:12Hrs	3187.0	9.8	18.7	NA	NA	NA
						03/11/2020 11:15Hrs	3769.0	11.1	16.9	NA	NA	NA
						11/12/2020 11:16Hrs	3719.0	12.0	18.6	NA	NA	NA
4	Coal Crushing		19.5	1.5	Bag Filters	02/01/2021 11:05Hrs	3771.0	13.0	15.0	NA	NA	NA
						02/02/2021 11:00Hrs	3816.0	12.0	19.0	NA	NA	NA
						01/03/2021 11:15Hrs	4856.0	13.0	25.0	NA	NA	NA
						16/10/2020 16:05Hrs	3052.0	11.2	15.4	NA	NA	NA
						09/11/2020 16:38Hrs	3772.0	12.8	18.7	NA	NA	NA
						12/12/2020 10:12Hrs	3617.0	10.3	22.2	NA	NA	NA
						02/01/2021 12:15Hrs	3771.0	12.8	19.0	NA	NA	NA
						02/02/2021 12:32Hrs	3816.0	11.0	15.0	NA	NA	NA
						02/03/2021 10:15Hrs	4868.0	11.0	24.0	NA	NA	NA



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									Particulate Matter (PM)	SO ₂	NO _x	CO
						16/10/2020 16:05Hrs	3052.0	11.2	15.4	NA	NA	NA
						under maintenance						
5	Coke Cutting		25	1.8	Bag Filters	12/12/2020 11:25Hrs	3617	11	19	NA	NA	NA
						02/01/2021 14:20Hrs	3771.0	10	25	NA	NA	NA
						02/02/2021 14:10Hrs	3816.0	9	22	NA	NA	NA
						02/03/2021 12:25Hrs	4868.0	11	22	NA	NA	NA
						16/10/2020 12:05Hrs	3052.0	12.1	12.1	NA	NA	NA
6	Coke Bunker		30	2.5	Bag Filters	09/11/2020 14:00Hrs	3772.0	11.9	18.5	NA	NA	NA
						12/12/2020 14:00Hrs	3617.0	10.2	14.8	NA	NA	NA
						02/01/2021 15:50Hrs	3771.0	11.9	18.5	NA	NA	NA
						03/02/2021 11:22Hrs	3829.0	10.0	23.0	NA	NA	NA
						02/03/2021 15:32Hrs	4868.0	10.0	16.0	NA	NA	NA
7	Boiler		30	1.0		16/10/2020 10:18Hrs	380.0	12.5	15.6	38	88	125
						11/11/2020 11:26Hrs	359.0	10.4	15.5	40.1	89.5	132.5
						19/12/2020 12:08Hrs	371.0	11.0	24.0	24.0	287.0	25.0
						05/01/2021 11:45Hrs	352.0	11.0	18.0	52.0	89.0	33.0
						18/02/2021 15:15Hrs	395.0	12.0	21.0	66.0	76.0	67.0
						22/03/2021 14:10Hrs	312.0	12.0	22.0	66.0	76.0	67.0

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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	06-10-2020	1109.81	4.32	9.71
		09-11-2020	1818.18	4.05	20.81
		16-12-2020	1826.46	4.32	19.27
		25-01-2021	1663.83	4.86	20.04
		13-02-2021	1990.72	4.59	20.81
		27-03-2021	1851.14	4.32	20.04
2	Near Raw Material Feeding Area	06-10-2020	1262.78	5.52	16.44
		09-11-2020	1513.70	5.76	17.13
		16-12-2020	1969.13	5.99	19.87
		23-01-2021	1344.44	5.76	19.18
		13-02-2021	1702.22	5.28	17.81
		26-03-2021	1777.78	5.52	17.13
3	Near Raw Material Screen Area	06-10-2020	1236.67	5.04	15.76
		09-11-2020	1606.85	5.28	15.07
		16-12-2020	1745.83	5.52	16.44
		22-01-2021	1247.96	6.23	17.13
		12-02-2021	1631.85	5.99	18.50
		25-03-2021	1907.22	6.47	19.18
4	Near Raw Material Silo	06-10-2020	1518.75	3.45	13.57
		09-11-2020	1436.67	3.02	14.18
		16-12-2020	1555.56	3.02	14.80
		21-01-2021	1011.85	3.24	14.18
		12-02-2021	1327.22	3.45	13.57
		24-03-2021	1399.62	3.24	14.18
5	Near Furnace Area	07-10-2020	1234.47	4.10	16.03
		11-11-2020	1278.33	3.88	16.65
		17-12-2020	1878.60	3.67	16.03
		20-01-2021	1300.49	4.09	16.59
		10-02-2021	1737.78	3.88	17.27
		22-03-2021	1970.27	3.67	17.88
6	Near Product Screen House	07-10-2020	1574.65	4.53	14.80
		11-11-2020	1907.79	4.75	15.42
		17-12-2020	1996.21	4.96	16.65
		25-01-2021	1907.20	5.40	19.12
		10-02-2021	1993.18	5.61	19.73
		23-03-2021	1825.57	5.40	20.35
7	Near Product Silo	07-10-2020	1800.95	3.45	16.03
		11-11-2020	1628.70	3.67	16.65
		17-12-2020	1739.39	4.53	17.88
		27-01-2021	1518.15	4.96	17.88
		11-02-2021	1985.19	5.18	19.12
		23-03-2021	1901.67	5.61	19.73
8	Loading Point	07-10-2020	1039.20	4.96	17.88
		11-11-2020	1146.01	5.18	17.27
		17-12-2020	1412.88	5.40	16.65
		27-01-2021	1186.41	5.83	17.27
		11-02-2021	1703.15	6.26	16.65
		22-03-2021	1910.23	6.04	17.27


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B) Hot Strip Mill Plant					
1	Near Gas Cleaning Plant Stack - I Control Room	27-10-2020	1278.70	4.86	20.04
		05-11-2020	1558.89	5.13	19.27
		29-12-2020	1680.11	4.86	20.04
		20-01-2021	2356.63	4.59	20.81
		10-02-2021	2265.53	4.86	21.58
		11-03-2021	1501.67	5.13	22.35
2	Near Gas Cleaning Plant Stack - II Control Room	27-10-2020	1648.86	5.28	16.44
		05-11-2020	1646.67	5.52	15.76
		29-12-2020	1810.42	5.76	15.76
		21-01-2021	1885.19	5.99	15.07
		08-02-2021	1642.96	6.23	15.76
		13-03-2021	1873.48	5.99	16.44
3	Near Electric Arc Furnace Shell No. 1 & 2	27-10-2020	1768.66	5.52	19.87
		05-11-2020	1738.59	5.04	21.24
		29-12-2020	1948.55	5.28	21.92
		25-01-2021	1850.72	5.52	22.61
		12-02-2021	2021.74	5.28	23.29
		16-03-2021	2124.09	5.52	23.98
4	Near Electric Arc Furnace Shell No. 3 & 4	28-10-2020	1536.39	3.02	14.80
		05-11-2020	2178.40	2.81	15.42
		29-12-2020	2054.93	3.24	16.03
		27-01-2021	2114.02	3.02	15.42
		13-02-2021	2231.63	3.24	16.03
		16-03-2021	2824.34	3.67	17.27
5	Near Caster Control Room	27-10-2020	1635.62	3.88	12.95
		06-11-2020	1796.57	3.45	14.18
		28-12-2020	1899.17	3.88	13.57
		22-01-2021	1925.93	4.10	14.18
		09-02-2021	1569.81	4.53	14.80
		19-03-2021	1834.44	4.75	16.03
6	Near Mould & Segment Repair Shop	28-10-2020	1111.23	4.53	17.27
		06-11-2020	978.80	4.75	17.88
		28-12-2020	1255.74	5.40	19.12
		23-01-2021	1358.15	5.83	19.73
		11-02-2021	1402.41	5.61	19.12
		20-03-2021	1482.78	5.83	20.35
7	Mill Area	28-10-2020	964.54	3.45	16.03
		06-11-2020	742.75	3.88	16.65
		28-12-2020	1052.96	4.10	16.03
		25-01-2021	1070.65	4.53	16.65
		11-02-2021	1535.00	4.75	17.88
		22-03-2021	1021.67	4.53	17.27
C) Lime Calcining Plant					
1	Near Kiln I & II Lime Dedusting System Area	05-10-2020	1273.33	4.05	20.04
		07-11-2020	1532.04	3.78	19.27
		19-12-2020	1723.30	3.51	20.04
		06-01-2021	1942.06	3.78	20.84
		03-02-2021	2126.89	4.05	21.58
		06-03-2021	2031.67	4.32	22.35
2	Near Product Storage & Quick Lime Building	05-10-2020	1149.62	3.84	19.87
		07-11-2020	1202.22	3.60	19.18
		19-12-2020	1235.19	3.84	18.50
		07-01-2021	2954.55	4.32	19.18
		04-02-2021	2270.08	4.56	19.87
		08-03-2021	2710.23	5.04	21.24


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3	Lime Stone Feeding Building LCP-4	05-10-2020	1475.38	3.60	19.18
		07-11-2020	1391.67	4.32	18.50
		21-12-2020	1500.00	4.08	19.18
		08-01-2021	2335.15	4.55	19.84
		05-02-2021	2293.37	5.04	21.24
		10-03-2021	1632.77	5.76	22.61
4	Lime Dedusting System Area LCP-4	05-10-2020	1325.74	3.88	14.80
		07-11-2020	1664.96	4.53	15.42
		21-12-2020	1912.31	4.96	16.03
		09-01-2021	2162.69	4.75	17.27
		06-02-2021	2612.29	4.96	17.88
		11-03-2021	1758.89	5.40	17.27

D) Blast Furnace					
1	Near Stock House	08-10-2020	1948.11	5.93	20.81
		26-11-2020	2354.81	6.20	22.35
		08-12-2020	2503.13	6.47	21.58
		09-01-2021	2142.99	7.01	22.35
		09-02-2021	2618.75	7.55	21.58
		01-03-2021	2501.46	7.28	22.35
2	Near Stove Area	08-10-2020	1085.37	5.76	17.81
		17-11-2020	1274.63	5.99	18.50
		09-12-2020	906.52	6.23	16.44
		11-01-2021	1056.11	5.99	15.76
		10-02-2021	1555.00	6.47	15.07
		02-03-2021	1542.41	6.23	15.76
3	Near Cast House (East)	08-10-2020	1644.50	5.52	19.87
		26-11-2020	1546.48	5.28	19.18
		09-12-2020	1551.70	5.04	17.81
		13-01-2021	1743.94	5.52	18.50
		13-02-2021	1868.56	5.99	19.18
		03-03-2021	1953.41	5.76	18.50
4	Near Cast House (West)	08-10-2020	1544.05	4.10	14.80
		27-11-2020	1211.67	3.67	16.03
		10-12-2020	1430.00	4.10	16.65
		15-01-2021	1646.85	3.88	16.03
		12-02-2021	2062.88	4.10	15.42
		04-03-2021	1759.66	4.53	16.03
5	Near Slag Granulation Plant	09-10-2020	701.48	4.53	16.65
		27-11-2020	987.50	4.75	15.42
		10-12-2020	1302.59	4.96	14.18
		08-01-2021	1730.37	5.61	14.18
		11-02-2021	1848.52	5.83	13.57
		05-03-2021	1494.26	6.04	12.95
6	Near Pig Casting Machine -I	09-10-2020	1371.85	5.18	16.03
		17-11-2020	1472.92	5.61	16.65
		10-12-2020	1671.40	6.04	16.03
		08-01-2021	2297.16	5.83	16.65
		12-02-2021	1740.93	6.04	17.27
		04-03-2021	1911.48	6.26	16.03
7	Near Pig Casting Machine -II	09-10-2020	1178.52	4.10	14.80
		17-11-2020	1352.04	3.67	14.18
		10-12-2020	1774.43	3.88	13.57
		11-01-2021	2225.95	4.53	15.42
		13-02-2021	1475.19	5.40	16.03
		05-03-2021	1640.56	5.61	16.65



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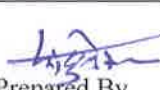


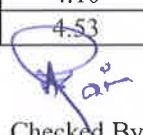
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E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	12-10-2020	1278.15	5.13	21.58
		24-11-2020	2864.77	4.59	22.35
		08-12-2020	1531.25	4.32	23.89
		13-01-2021	2660.61	5.93	24.66
		10-02-2021	2424.62	5.67	25.44
		01-03-2021	2490.83	5.93	26.21
2	Near Flux Screening & Coal Crushing House	12-10-2020	1487.31	5.28	17.81
		24-11-2020	2138.45	5.52	18.50
		08-12-2020	2512.08	5.76	17.13
		14-01-2021	1594.07	5.04	17.81
		11-02-2021	2301.33	5.28	17.81
		02-03-2021	2321.21	5.52	18.50
3	Near Proportioning House	12-10-2020	1733.33	5.99	16.44
		23-11-2020	1641.10	5.76	17.13
		08-12-2020	2169.13	6.23	17.81
		16-01-2021	2178.79	5.99	18.50
		12-02-2021	2630.49	6.23	18.50
		04-03-2021	1998.11	6.71	19.87
4	Near Sintering House	12-10-2020	858.88	3.45	14.18
		23-11-2020	1822.46	3.88	13.57
		09-12-2020	1417.42	4.10	14.18
		15-01-2021	794.75	3.88	14.80
		15-02-2021	1155.43	4.10	15.42
		04-03-2021	925.91	4.53	14.80
5	Near Product Screen House	13-10-2020	2020.45	3.02	16.03
		25-11-2020	2187.29	3.45	16.03
		09-12-2020	2715.83	3.67	16.65
		15-01-2021	2474.24	4.96	17.88
		15-02-2021	2671.25	5.18	19.12
		03-03-2021	2688.75	5.40	19.73
E) Sinter Plant-II					
1	Near Sintering House	13-10-2020	1410.98	4.86	18.50
		24-11-2020	1488.52	5.93	19.27
		18-12-2020	1432.20	5.67	21.58
		08-01-2021	1188.67	5.93	20.02
		09-02-2021	2315.91	6.20	19.27
		01-03-2021	1446.02	5.93	20.81
2	Near Crushing Bldg.	13-10-2020	1126.48	5.28	18.50
		24-11-2020	2058.33	5.99	19.18
		18-12-2020	2499.24	6.23	18.50
		08-01-2021	2850.95	5.99	19.18
		10-02-2021	1515.93	6.23	18.50
		02-03-2021	2994.89	6.47	19.18
3	Near Screen Building	13-10-2020	1518.52	5.52	17.81
		23-11-2020	1637.50	5.04	17.13
		18-12-2020	2060.42	5.28	17.81
		09-01-2021	1492.99	5.52	17.13
		11-02-2021	1366.48	5.76	19.87
		03-03-2021	1219.63	5.99	21.24
4	Near Product Screen Bldg.	14-10-2020	1773.11	3.88	19.73
		24-11-2020	1428.75	3.67	20.35
		18-12-2020	2753.07	4.10	19.73
		08-01-2021	2774.78	3.88	20.35
		09-02-2021	2724.38	4.10	20.97
		03-03-2021	2756.88	4.53	21.58


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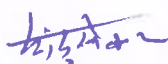
5	Near Mixing & Nodulizer Area	14-10-2020	1742.75	3.45	17.88
		25-11-2020	1705.42	3.24	19.12
		19-12-2020	2601.25	3.45	20.35
		09-01-2021	2596.67	3.67	21.58
		10-02-2021	2686.25	4.53	22.20
		04-03-2021	2281.44	4.75	20.97
6	Near Sintering Machine	14-10-2020	1182.96	4.53	15.42
		23-11-2020	1016.67	4.75	16.03
		19-12-2020	1344.32	4.96	17.88
		08-01-2021	1319.51	4.75	19.12
		13-02-2021	995.11	4.96	19.73
		04-03-2021	1308.15	5.18	19.12

F) BILLET CASTER

1	Near Laddel Furnace Area	15-10-2020	1300.57	4.10	17.27
		12-11-2020	1521.78	4.53	17.88
		21-12-2020	1779.92	4.75	19.12
		18-01-2021	1571.30	5.18	20.35
		03-02-2021	2093.56	5.40	21.58
		08-03-2021	1876.33	5.61	22.20
2	Near Casting Floor (Control room) 10.6 m	15-10-2020	1235.04	4.53	16.03
		12-11-2020	1377.78	4.75	16.65
		21-12-2020	1906.82	5.61	16.03
		19-01-2021	2216.29	5.83	17.27
		04-02-2021	2331.63	5.61	17.88
		06-03-2021	1737.59	6.04	19.12
3	Near Billet Caster Torch Cutter Machine	15-10-2020	999.26	5.61	16.65
		12-11-2020	1234.81	5.40	17.88
		21-12-2020	1421.30	5.18	19.12
		20-01-2021	1338.33	4.75	19.73
		05-02-2021	1481.85	5.18	20.35
		10-03-2021	1293.15	5.40	20.97

G) BAR MILL

1	Near CP2 Furnace Mill Area	16-10-2020	1146.85	3.24	14.80
		13-11-2020	1316.48	3.45	15.42
		23-12-2020	1604.17	3.88	14.80
		18-01-2021	1914.39	4.53	15.42
		02-02-2021	1606.48	4.96	16.03
		25-03-2021	1734.81	4.75	16.65
2	Near Bed Cooling (zero meter) Mill Area	16-10-2020	870.47	3.45	12.95
		13-11-2020	1045.56	3.67	13.57
		23-12-2020	1809.66	4.75	14.18
		19-01-2021	2295.64	5.40	14.80
		02-02-2021	2364.96	5.61	14.80
		25-03-2021	2051.70	5.83	15.42


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H) Coke oven II					
1	Coal Blending Area.	23-10-2020	1672.92	5.93	20.04
		18-11-2020	1535.93	6.20	20.81
		23-12-2020	1815.15	6.74	24.66
		27-01-2021	1492.04	7.01	25.44
		23-02-2021	2333.52	7.55	26.21
		17-03-2021	1849.26	7.01	25.44
2	coke oven battary wharf Area A	23-10-2020	1462.22	5.52	16.44
		18-11-2020	1888.26	5.76	17.13
		23-12-2020	2062.50	6.23	17.81
		20-01-2021	2093.89	6.47	18.50
		23-02-2021	2259.09	6.95	17.81
		16-03-2021	2436.17	7.43	17.13
3	coke oven battary wharf G D S B	23-10-2020	1307.04	5.76	18.50
		18-11-2020	1460.19	5.99	17.81
		23-12-2020	1933.33	6.47	18.50
		21-01-2021	2439.02	6.71	19.87
		23-02-2021	2010.04	6.47	18.50
		13-03-2021	2500.57	6.71	17.81
4	Coke Screening Area.	23-10-2020	1772.78	3.88	17.27
		19-11-2020	1525.19	4.53	17.88
		24-12-2020	1737.12	4.75	19.12
		22-01-2021	1601.48	5.40	19.73
		22-02-2021	1551.11	5.61	20.35
		11-03-2021	2961.93	5.83	21.58
5	Near Coke Cutter Area.	24-10-2020	1613.52	3.45	14.18
		19-11-2020	1586.11	3.67	13.57
		24-12-2020	1886.36	3.88	16.03
		23-01-2021	1641.86	4.10	16.65
		22-02-2021	2390.34	3.67	17.27
		10-03-2021	2352.08	3.88	17.88
6	Secondary Crusher BIENDING	24-10-2020	1420.19	3.88	12.95
		19-11-2020	1927.46	3.88	14.18
		24-12-2020	1700.19	4.10	15.42
		25-01-2021	1764.81	4.32	14.80
		22-02-2021	1315.19	4.53	16.65
		09-03-2021	1349.81	4.75	17.88


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

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

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

Under Maintenance

Under Maintenance

Detector Amplifier Damaged

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

Prepared By

P.P. Nandusekar
Asst. Manager (Environment)

Checked By

Anand Rai
General Manager (HOD-Environment)

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

Location		Near Kasumata Temple					Near Coke Oven Plant					Near MSEB Substation					Near Goa Gate					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	
01/11/2020	37.12	88.51	17.41	42	2.64												87.45	16.54	27.13	0.52						
02/11/2020	45.21	90.45	17.63	41.81	3.09												79.45	16.67	36.06	0.72						
03/11/2020	54.16	85.54	17.54	39.67	2.8												79.66	16.75	39.9	0.82						
04/11/2020	50.07	94.67	17.35	40.84	2.73												92.45	16.79	38.02	0.67						
05/11/2020	46.96	92.73	17.26	38.36	2.62												83.26	17.28	34.92	0.95						
06/11/2020	47.58	87.12	18.12	44.99	2.75												64.37	16.53	35.03	0.88						
07/11/2020	47.16	86.37	17.7	52.15	2.69												98.76	16.59	40.84	0.83						
08/11/2020	38.62	81.77	17.28	43.33	2.64												76.4	16.86	30.97	0.96						
09/11/2020	41.33	89.58	17.39	46.61	2.64												55.88	16.57	28.14	0.88						
10/11/2020	54.07	96.72	18.55	51.33	3.06												64.08	16.04	32.29	1.07						
11/11/2020	51.54	90.23	19.12	47.28	2.95												84.76	16.81	39.97	1.16						
12/11/2020	46.22	74.51	20.55	32.68	2.89												80.57	16.98	46.21	1.09						
13/11/2020	36.37	71.53	18.17	29.18	2.74												76.35	17.19	40.91	1.27						
14/11/2020	28.4	60.53	18.26	29.52	2.72												72.69	16.89	26.16	1.15						
15/11/2020	31.05	58.62	17.74	30.26	2.67												79.68	16.82	23.77	1.18						
16/11/2020	27.92	67.78	17.35	30.5	2.58												72	17.06	27.34	1.22						
17/11/2020	30.73	61.9	17.22	41.03	2.65												92.48	17.13	30.74	1.31						
18/11/2020	30.69	77.24	21.75	43.13	2.72												87.63	17.41	36.44	1.39						
19/11/2020	28.11	45.26	18.59	39.93	2.66												76.32	17.22	34.7	1.37						
20/11/2020	32.91	72.71	17.92	41.83	2.81												29.71	92.69	17.39	33.45	1.48					
21/11/2020	31.87	63.36	17.72	40.37	2.68												57.34	95.67	17.34	36.64	1.39					
22/11/2020	42.95	91.38	18.99	44.67	2.86												50.78	98.7	17.62	37.13	1.58					
23/11/2020	23.51	56.85	18.36	44.2	2.63												57.34	90.48	17.26	33.52	1.31					
24/11/2020	31.84	60.8	17.87	46.02	2.69												53.53	84.76	17.21	35.37	1.48					
25/11/2020	42.29	86.84	18.43	44.53	2.83												42.71	89.54	23.34	75.06	0.89					
26/11/2020	43.25	87.59	17.97	44.54	2.74												40.62	82.94	18.1	51.3	1.85					
27/11/2020	46.22	94.79	17.71	47.25	2.8												57.41	90.87	16.86	48.2	1.44					
28/11/2020	34.29	90.87	17.32	47.36	2.69												58.36	93.67	16.79	31.44	1.34					
29/11/2020	18.72	57.5	17.44	43.21	2.69												40.87	87.91	17.29	28.45	1.2					
30/11/2020	24.87	52.04	17.46	44.88	2.71												48.93	96.37	17.35	34.82	1.27					

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

Detector Amplifier Damaged

Under Maintenance

Under Maintenance

Under Maintenance

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

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

Checked By 
Anand Rai
General Manager (HOD-Environment)

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

MONTH : December, 2020

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

Local AAQM Station Computer problem for data fetching.

Under Maintenance

Under Maintenance

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

Prepared By

P.P. Nandusekar
Asst. Manager (Environment)

Checked By

Anand Rai
General Manager (HOD-Environment)

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

Location		Near Kasumata Temple						Near Coke Oven Plant						Near MSEB Substation						Near Goa Gate						Near Dolvi Village					
Date		PM2.5	PM10	SO2	NOX	CO		PM2.5	PM10	SO2	NOX	CO		PM2.5	PM10	SO2	NOX	CO		PM2.5	PM10	SO2	NOX	CO		PM2.5	PM10	SO2	NOX	CO	
01/01/2021		43.4	81.08	17.31	39.04	1.27								53.18	87.54	18.17	41.88	1.63													
02/01/2021		38.65	76.41	17.56	36.41	1.05								58.43	94.26	18.08	51.46	1.86													
03/01/2021		41.91	65.87	17.23	35.08	1.01								57.21	83.21	18.31	52.94	2.11													
04/01/2021		41.51	64.82	17.03	35.74	0.98								54.32	84.62	18.69	49.91	2.01													
05/01/2021		52.31	76.16	17.01	34.81	1.08								54.87	63.25	18.49	48.5	1.91													
06/01/2021		55.11	79.97	16.94	38.02	1.29								51.34	74.15	18.86	49.01	2.03													
07/01/2021		Power Supply Problem												59.84	87.42	19.12	53.83	2.32													
08/01/2021														38.75	53.03	19.08	44.69	1.93													
09/01/2021		33.88	50.51	45.62	44.93	0.89								41.8	52.08	19.19	52.67	2.08													
10/01/2021		35.05	63.47	33.34	35.5	0.88								50.89	90.49	19.57	62.6	2.44													
11/01/2021		34.01	79.01	16.54	35.46	0.77								54.5	71.17	19.13	66.74	2.19													
12/01/2021		35.23	77.77	23.54	29.49	0.68								55.47	92.46	18.88	68.48	2.13													
13/01/2021		46.03	93.42	38.94	53.04	0.67								49.28	95.83	18.98	62.61	2													
14/01/2021		38.95	88.58	6.93	78.6	0.85								45.99	76.54	18.57	61.89	2.07													
15/01/2021		36.34	87.54	5.63	73.31	0.64								50.84	82.19	18.68	59.63	2.14													
16/01/2021		27.51	50.68	4.32	78.58	0.43								22.84	57.89	18.98	68.54	2.32													Under Maintenance
17/01/2021		39.35	87.06	5.43	71.16	0.74								36.45	68.02	18.89	63.46	1.98													
18/01/2021		25.47	45.56	4.05	74.57	0.42								40.44	43.91	18.61	43.84	1.96													
19/01/2021		32.91	66.87	6.38	78.01	0.52								57.65	68.21	18.73	72.67	2.36													
20/01/2021		36.02	83.64	8.75	77.8	0.52								45.66	88.43	18.69	65.53	2.15													
21/01/2021		37.2	65.31	14	74.54	0.57								47.79	93.64	18.36	70.76	2.3													
22/01/2021		55.6	95.63	21.06	63.54	0.84								46.89	90.21	18.42	64.55	2.32													
23/01/2021		52.37	98.75	17.64	70.4	0.74								57.43	89.63	18.95	61.66	2.36													
24/01/2021		32.01	58.67	9.37	37.91	0.64								54.82	79.68	19.02	63.24	2.27													
25/01/2021		31.52	68.58	5.28	39.17	0.66								56.19	78.42	18.9	60.4	2.22													
26/01/2021		41.44	93.56	4.54	43.2	0.79								58.63	90.48	18.71	54.3	2.34													
27/01/2021		44.13	97.64	9.03	39.83	0.8								55.32	98.76	18.65	52.73	2.22													
28/01/2021		43.49	96.56	14.4	43.4	0.84								49.87	94.61	19.05	61.81	2.35													
29/01/2021		39.62	71.99	12.81	40.61	0.77								53.24	86.34	19.23	66.21	2.49													
30/01/2021		46.12	89.73	12.32	42.47	0.99								55.05	93.57	19.05	62.76	2.33													
31/01/2021		39.78	82.86	12.05	43.09	0.87								59.42	87.46	19.08	62.32	2.44													

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

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

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

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

Location		Near Kasumata Temple						Near Coke Oven Plant				Near MSEB Substation						Near Goa Gate						Near Dolvi Village			
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO		
01-02-2021	22.17	79.9	11.91	47.88	0.91						40.14	87.51				54.21	95.63	18.98	70.37	2.38							
02-02-2021	36.32	84.51	11.82	38.6	0.8						34.04	80.25				59.58	98.73	18.9	67.57	2.28							
03-02-2021	47.45	99.18	12.24	45.58	0.82						52.31	95.62				57.61	91.24	18.75	63.36	2.3							
04-02-2021	39.81	82.05	12.29	56.33	0.76						42.67	90.48				56.9	95.63	19.2	69.36	2.4							
05-02-2021	36.76	78.33	11.84	54.5	0.71						47.36	86.35				58.02	87.59	19.1	71.08	2.42							
06-02-2021	31.93	85.1	11.5	49.34	0.74						53.95	93.54				37.72	84.74	18.8	59.14	2.33							
07-02-2021	32.77	81.51	11.26	37.66	0.78						40.23	98.72				48.6	93.8	19.21	59.93	2.42							
08-02-2021	31.01	92.57	11.5	38.34	0.9						39.54	80.76				32.97	96.13	18.85	52.92	2.24							
09-02-2021	36.08	94.8	11.55	38.71	0.92						37.6	89.35				52.53	96.34	18.78	58.88	2.3							
10-02-2021	47.23	93.46	11.72	38.6	1.1						53.69	98.54				47.89	92.96	19	62.14	2.45							
11-02-2021	47.15	90.87	11.63	37.84	1.07						40.21	53.48				34.4	84.75	19.17	67.55	2.47							
12-02-2021	46.76	89.73	12.74	35.43	1.19						48.68	84.88				17.39	86.32	19.16	66.65	2.4							
13-02-2021	31.46	65.47	11.6	30.73	0.75						53.22	82.15				45.07	87.65	19.04	53.3	2.61							
14-02-2021	27.24	45.36	11.16	28.85	0.74						42.58	78.31				49.8	76.85	19.39	48.15	2.52							
15-02-2021	29.75	78.15	11.33	31.35	0.77						30.84	69.28				39.81	72.69	19.52	52.38	2.4							
16-02-2021	22.51	46.16	11.05	28.44	0.68						27.37	65.54				32.03	62.74	19.37	43.16	2.34							
17-02-2021	24.68	50.41	11.05	33.88	0.64						46.85	72.08				39.04	68.03	19.59	47.65	2.37							
18-02-2021	38.38	94.82	11.91	36.85	1.01						39.85	51.68				43.3	87.56	19.65	50.16	2.43							
19-02-2021	32.8	72.43	12.23	33.66	0.84						35.12	38.52				30.18	66.45	19.44	45.29	2.2							
20-02-2021	30.31	90.17	11.61	34.45	0.69						41.23	49.28				26.68	33.01	19.5	48.89	2.21							
21-02-2021	28.47	89.31	11.31	32.12	0.71						37.68	51.93				39.18	88.74	19.45	43.15	1.78							
22-02-2021	28.57	77.89	11.59	30.36	0.79						32.02	47.57				26.07	93.65	19.29	52.96	1.56							
23-02-2021	33.29	87.07	11.37	37.97	0.94						40.93	53.28				31.27	78.45	19.5	53.07	1.64							
24-02-2021	43.28	99.74	11.62	35.53	1.04						56.34	76.54				54.87	91.24	19.81	67.51	1.59							
25-02-2021	51.76	87.63	11.72	43.02	1.07						42.71	83.21				50.79	72.51	19.8	57.44	1.55							
26-02-2021	Power Supply problem										53.87	88.03				44.5	78.37	19.74	53.6	2.11							
27-02-2021	11.88	85.19	11.58	31.64	0.91						38.56	79.22				50.04	86.34	20.04	78.22	2.7							
28-02-2021	25.02	58	11.04	25.59	0.95						49.51	95.05				53.47	90.82	20.16	66.15	1.72							

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

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

Checked By 
Anand Rai
General Manager (HOD-Environment)

JSW STEEL LIMITED
 GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST:- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : March, 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
01/03/2021	34	82.18	11.04	15.61	10.45			45.51	97.84				54.04	87.54	20.27	70.19	1.82										
02/03/2021	40.92	92.34	12.52	17.74	12.47			53.21	90.58				50.94	86.59	20.08	67.51	1.81										
03/03/2021	34.78	80.9	11.35	17.29	12.41			50.87	87.64				56.9	90.87	20.3	73.58	1.85										
04/03/2021	37.29	78.64	11.85	26.31	17.77			41.71	80.59				54.21	93.68	20.25	78	1.91										
05/03/2021	45.65	96.58	11.93	18.38	13.6			54.63	86.95				58.67	98.75	19.94	62.04	2.07										
06/03/2021	46.02	90.45	15.84	16.93	12.85			47.61	97.48				50.79	93.7	19.83	54.81	1.83										
07/03/2021	24.33	73.18	12.6	21.51	13.96			58.97	99.58				37.06	87.45	20.01	48.62	1.67										
08/03/2021	22.55	50.93	11.85	17.78	11.64			40.56	90.04				40.87	63.25	20.37	56.96	1.75										
09/03/2021	29.48	94.08	11.61	18.37	12.08			38.97	94.61				41.39	81.19	20.37	64.9	1.82										
10/03/2021	47.6	86.57	12.05	18.75	12.89			39.51	94.51				38.87	83.99	20.14	56.01	1.74										
11/03/2021	23.25	56.27	11.39	17.1	10.33			46.82	90.96				38.99	78.42	20.52	64.48	1.78										
12/03/2021	24.92	67.99	11.39	19.91	12.15			50.48	89.31				23.02	84.73	20.25	57.21	1.75										
13/03/2021	32.1	81.61	11.32	20.81	14.18			53.26	87.49				30.8	95.64	20.6	77.43	1.88										
14/03/2021	38.52	91.07	11.36	16.06	10.67			54.87	93.65				30.26	92.78	20.57	78.25	1.97										
15/03/2021	27.06	87.32	12.35	23.78	15.86			46.2	98.12				47.06	93.8	20.41	61.33	1.9										
16/03/2021	22.31	76.34	11.72	27.43	19.49			47.8	87.54				48.5	93.68	20.58	76.86	1.85										
17/03/2021	32.65	85.72	11.12	20.34	13.95			54.87	82.68				37.13	84.57	20.7	73.54	1.88										
18/03/2021	24.8	98.13	11.23	18.2	11.61			36.54	97.26	16.54			49.72	89.65	20.19	66.83	1.9										
19/03/2021	12.68	88.47	11.38	24.72	14.73			40.97	86.54	8.47			38.4	87.53	20.48	55.23	1.76										
20/03/2021	22.65	96.97	11.31	18.31	10.77			57.48	92.51	13.58			32.69	85.66	20.45	49.6	1.72										
21/03/2021	26.09	70.89	11.44	17.97	11			41.41	89.58	16.48			33.72	98.1	20.49	54.92	2.01										
22/03/2021	32.02	80.06	11.63	15.85	11.21			53.21	78.64	16.74			37.85	82.33	20.23	50.97	1.93										
23/03/2021	30.51	78.01	11.37	17.89	11.7			58.91	87.45	17.46			40.04	93.38	20.66	61.2	2.05										
24/03/2021	42.58	94.71	11.36	20.79	14.53			53.48	86.54	16.11			55.03	97.51	20.89	70.49	2.16										
25/03/2021	42.22	98.51	11.32	22.68	16.52			42.89	93.21	15.37			47.86	87.56	20.86	70.28	2.11										
26/03/2021	43.77	87.68	11.29	24.62	18.03			47.86	87.46	15.68			32.77	93.68	20.85	76.51	2.28										
27/03/2021	50.89	91.68	11.22	23.56	17.23								59.2	91.46	20.74	76.26	2.46										
28/03/2021	59.84	83.12	11.54	21.36	14.95								46.29	87.45	20.15	51.59	2.39										
29/03/2021	28.31	64.17	11.25	18.39	10.79								40.3	68.42	20.26	27.16	2.34										
30/03/2021	24.36	97.46	11.9	31.76	18.18			56.94	82.54	17.54			27.12	59.77	20.31	35.74	1.98										
31/03/2021	16.8	61.55	11.27	24.45	14.24			58.13	61.07	16.32			19.83	49.78	20.21	42.89	1.91										

Material received at site, Installation under progress

Spare parts under procurement

Pump Damaged

Material received at site, Installation under progress

Shifting of existing PDB board to new PDB board

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

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

Checked By 
 Anand Rai
 General Manager (HOD-Environment)