

Dolvi Works:

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

April 28, 2022

JSWSL/ENV/MOEF&CC/2022

To

Regional Officer,
Ministry of Environment, Forests & Climate Change
Regional Office, (West Central Zone)
Ground Floor, East Wing,
New Secretarial Building, Civil Line,
Nagpur - 440001.

Sub: Submission of Six Monthly Environmental Monitoring Reports for Integrated Steel Plant for the Period of October 2021 to March 2022.

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

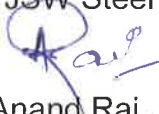
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of October 2021 to March 2022 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from Sponge Iron Plant, Hot Strip Mill Plant, Blast Furnace Plant, Lime Calcining Plant, Captive Power Plant, Sinter Plant-I, Sinter Plant-II, Billet Caster 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

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Bandra Kurla Complex,
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.			Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
1	Chromium	mg/l	0.0019	0.0018	0.0019	0.0014	0.0018	0.0017
2	Zinc	mg/l	0.098	0.097	0.098	0.95	0.097	0.100
3	Phosphate	mg/l	0.86	0.91	0.86	0.94	0.91	0.89
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					
			Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
1	Temperature	°C	27	27.2	27.3	27	27.1	27.0
2	pH	-	7.3	7.4	7.3	7.3	7.4	7.4
3	D.O.	mg/l	5.3	5.4	5.4	5.4	5.4	5.4
4	T.S.S.	mg/l	17.7	18.2	17.9	18.6	18.9	19.3
5	T.D.S.	mg/l	252.0	255	246	286.8	290	309
6	C.O.D.	mg/l	32.1	26.7	26.6	28.9	26.6	30.2
7	B.O.D.	mg/l	7.3	7.3	7.1	7.1	7.4	7.3
8	Oil & Grease	mg/l	2.6	2.6	2.6	2.7	2.8	2.8
9	Iron	mg/l	0.3	0.32	0.32	0.3	0.40	0.40
10	Chlorides	mg/l	55.0	51.23	49.98	63.0	61.60	75.00
11	Sulphates	mg/l	2.3	2.2	2.2	2.3	2.4	2.2
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	27.3


Prepared By

P. P. Nandusekar
Deputy Manager (Environment)


Checked By

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

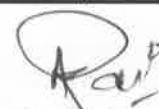
JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

SIX MONTHLY UNTREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
1	Temperature	°C	57	57	57.2	57.2	57.3	57.3
2	pH	-	8.2	8.3	8.3	8.3	8.3	8.4
3	D.O.	mg/l	2.3	2.2	2.3	2.3	2.3	2.4
4	T.S.S.	mg/l	562.3	559.2	565.3	570.8	577.3	587.7
5	T.D.S.	mg/l	468.5	473.5	480.5	475.6	496.0	521.3
6	C.O.D.	mg/l	44.2	38.7	37.3	42.8	39	48.0
7	B.O.D.	mg/l	7.9	8.1	8.1	7.9	8.1	8.3
8	Oil & Grease	mg/l	4.1	4.2	4.5	4.2	4.4	4.8
9	Iron	mg/l	1.3	1.3	1.28	1.3	1.3	1.30
10	Chlorides	mg/l	157.4	152.5	156.20	163	160	170.00
11	Sulphates	mg/l	3.3	3.3	3.18	3.2	3.3	3.30


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


Checked By
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			
									Particulate Matter (PM)	SO ₂	NOx	CO
Plant Capacity: 3.0 MTPA												
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	14/10/2021 10:30Hrs	9422.0	16.94	15.91	26.0	31.0	28
						13/11/2021 10:30Hrs	9876.0	17.30	14.86	21.2	32.5	22.1
						03/12/2021 13:30Hrs	8867.0	17.71	21.67	24.0	28.0	5.7
						19/01/2022 10:15Hrs	9273.0	16.91	5.43	12.0	38.0	25.0
						05/02/2022 10:00 Hrs	10253.0	17.51	23.13	11.0	20.0	18
						01/03/2022 10:00 Hrs	5677.0	17.48	4.59	16.0	23.0	28
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	14/10/2021 14:00Hrs	9422.0	17.05	6.49	23.0	29.00	33
						13/11/2021 14:00Hrs	9876.0	16.49	15.72	20.2	28.50	19.5
						03/12/2021 11:15Hrs	8867.0	16.96	3.40	22.0	31.00	7.19
						19/01/2022 12:00Hrs	9273.0	4.59	18.61	17.0	31.54	94.3
						05/02/2022 12:10 Hrs	10253.0	18.70	26.00	10.0	16.00	25
						01/03/2022 14:15 Hrs	5677.0	16.79	5.66	12.0	17.00	21
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	14/10/2021 12:18Hrs	9422.0	6	7	<1	<1	NA
						13/11/2021 16:30Hrs	9876.0	6.21	9.31	<1	<1	NA
						09/12/2021 15:30Hrs	10416.0	8.00	21.00	<1	<1	NA
						19/01/2022 15:22Hrs	9273.0	5.78	13.61	<1	<1	NA
						05/02/2022 16:40 Hrs	10253.0	5	18	<1	<1	NA
						01/03/2022 15:00Hrs	5677.0	5	6	<1	<1	NA
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	23/10/2021 10:10Hrs	9278.0	8.00	4.59	180.4	43.69	0.76
						21/11/2021 16:00 Hrs	8629.0	7.80	4.59	160.6	47.06	0.09
						11/12/2021 09:15Hrs	9152.0	7.80	10.00	68.2	90.36	1.52
						04/01/2022 11:15Hrs	9643.0	10.00	8.80	88.0	31.00	28.0
						04/02/2022 11:57 Hrs	9569.0	6.50	10.56	30.9	15.00	29
						16/03/2022 11:25 Hrs	9407.0	6.00	8.90	22.0	18.00	26

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

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD 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	23/10/2021 12:20Hrs	9278.0	8.00	9.89	36.0	40.12	6.45
						21/11/2021 12:20Hrs	8629.0	8.10	10.00	37.5	46.20	0.69
						11/12/2021 14:30Hrs	9152.0	7.90	3.40	87.6	24.54	1.03
						04/01/2022 14:28Hrs	9643.0	9.00	7.80	109.0	43.00	24.0
						03/02/2022 11:24 Hrs	7543.0	7.20	10.00	15.0	42.00	1.72
						16/03/2022 15:42 Hrs	9407.0	5.80	9.50	12.0	28.00	22
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	23/10/2021 14:35Hrs	9278.0	7.00	7.42	174.5	41.23	1.27
						24/11/2021 11:00Hrs	9115.0	6.50	4.36	52.5	19.02	0.27
						11/12/2021 12:30Hrs	9152.0	6.80	7.53	1.1	1.26	1.11
						07/01/2022 12:22Hrs	10297.0	10.00	6.80	100.0	36.00	18.0
						04/02/2022 12:09 Hrs	9569.0	7.90	12.50	14.0	25.00	28.00
						18/03/2022 11:45 Hrs	10112.0	6.90	10.00	15.0	18.00	24.00
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	23/10/2021 16:20Hrs	9278.0	7.00	7.43	12.5	5.02	23.00
						24/11/2021 14:00Hrs	9115.0	6.80	7.46	7.4	2.51	0.80
						11/12/2021 16:15Hrs	9152.0	6.90	4.59	18.5	49.89	0.16
						07/01/2022 16:10Hrs	10297.0	10.00	9.20	77.0	43.00	22.0
						03/02/2022 14:14 Hrs	7543.0	6.30	8.90	16.0	28.00	19.00
						18/03/2022 15:10 Hrs	10112.0	7.20	12.00	18.0	12.00	32.00
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	21/10/2021 10:05Hrs	5.1	8.00	19.00	38.0	31.00	29.00
						26/11/2021 10:05Hrs	6.1	7.80	18.50	32.5	39.50	12.20
						17/12/2021 15:20Hrs	8.4	8.20	18.00	42.0	35.00	25.00
						22/01/2022 16:24Hrs	178.0	10.00	16.00	66.0	36.00	28.0
						04/02/2022 14:10 Hrs	7.6	7.20	17.00	27.0	35.00	37.00
						15/03/2022 10:42 Hrs	4.0	7.20	18.00	25.0	38.00	33.00
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	14/10/2021 16:15Hrs	9422.0	7.00	42.00	NA	NA	NA
						16/11/2021 16:15Hrs	9542.0	6.50	30.20	NA	NA	NA
						09/12/2021 11:55Hrs	10416.0	7.00	18.00	NA	NA	NA
						18/01/2022 16:44Hrs	9676.0	12.00	28.00	NA	NA	NA
						05/02/2022 15:25 Hrs	10253.0	6.90	32.00	NA	NA	NA
						01/03/2022 16:35 Hrs	5677.0	6.90	28.00	NA	NA	NA
CPCB Norms							<100	NA	50.00	NA	NA	
Prepared By <i>hichan</i>							Checked By <i>hichan</i>					

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

Associate Vice President (HOD-Environment)

Checked By
Dr. Anand Rai

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												
Not in operation due to high Moisture in rainy season												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	26/11/2021 14:20Hrs	503	9	17	NA	NA	NA
						02/12/2021 10:10Hrs	481	6	18	NA	NA	NA
						09/01/2022 14:12Hrs	588	9	18	NA	NA	NA
						14/02/2022 14:15 Hrs	204	6	15	NA	NA	NA
						04/03/2022 12:10 Hrs	591	5	17	NA	NA	NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	09/10/2021 10:00Hrs	300.0	27.0	18.32	46.29	17.6	23.9
						08/11/2021 14:00Hrs	172.0	27.8	4.20	157.31	16.5	3.1
						26/12/2021 10:45Hrs	220.0	17.8	42.00	24.72	18.0	21.0
						09/01/2022 11:00Hrs	303.0	22.8	20.25	25.17	18.0	43.2
						10/02/2022 10:28 Hrs	300.0	12.5	35.00	23.00	28.0	16.0
						04/03/2022 16:30 Hrs	291.0	13.3	18.50	19.88	28.0	25.0
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	09/10/2021 12:30Hrs	310.0	17.8	19.45	25.00	32.0	28.0
						08/11/2021 11:30Hrs	300.0	29.2	36.12	156.69	31.5	12.3
						20/12/2021 11:05Hrs	288.0	16.5	41.00	21.00	26.0	31.0
						09/01/2022 10:42Hrs	285.0	15.0	16.55	43.37	38.0	22.3
						14/02/2022 12:35 Hrs	204.0	13.2	29.00	20.00	16.0	25.0
						04/03/2022 10:30 Hrs	300.0	16.9	27.73	19.64	18.0	21.6
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	11/10/2021 10:22Hrs	580.0	7.0	20.00	NA	NA	NA
						05/11/2021 10:00Hrs	551.0	6.5	12.20	NA	NA	NA
						02/12/2021 12:00Hrs	481.0	6.5	24.00	NA	NA	NA
						09/01/2022 16:22Hrs	588.0	11.0	18.00	NA	NA	NA
						14/02/2022 16:42 Hrs	204.0	6.5	21.00	NA	NA	NA
						04/03/2022 14:33 Hrs	591.0	6.1	20.00	NA	NA	NA



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

5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	Not in operation due to high Moisture in rainy season					
						02/12/2021 14:20Hrs	503	7	18	NA	NA
						23/01/2022 11:15Hrs	575	10	28	NA	NA
						15/02/2022 15:38 Hrs	499	7	16	NA	NA
						05/03/2022 15:35 Hrs	550	6	18	NA	NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	09/10/2021 14:15Hrs	550.0	15.00	25.41	22.0	25.00
						11/11/2021 11:15Hrs	491.0	14.56	19.50	21.5	26.80
						20/12/2021 14:25Hrs	517.0	14.00	38.00	12.0	24.00
						25/01/2022 16:22Hrs	580.0	9.50	16.00	NA	NA
						15/02/2022 10:22 Hrs	499.0	12.80	27.00	15.0	26.00
						05/03/2022 10:22 Hrs	550.0	12.00	19.00	14.0	18.00
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	11/10/2021 10:22Hrs	227.0	7.00	25.00	NA	NA
						05/11/2021 12:00Hrs	500.0	8.20	12.30	NA	NA
						02/12/2021 16:15Hrs	503.0	8.00	23.00	NA	NA
						23/01/2022 12:25Hrs	575.0	10.32	32.56	14.28	91.710
						15/02/2022 12:02 Hrs	499	7	25	NA	NA
						05/03/2022 12:15 Hrs	550	8	23	NA	NA
						11/10/2021 10:22Hrs	470.0	8.44	23.56	4.4	51.00
						11/11/2021 12:45Hrs	522.0	8.60	26.77	0.1	1.54
						12/12/2021 17:15Hrs	550.0	12.00	25.44	2.9	1.78
						25/01/2022 14:20Hrs	600	16.00	31.00	12.25	15.00
						22/02/2022 10:40 Hrs	523	11.5	30.0	25.00	31.00
						07/03/2022 10:30 Hrs	411	12.5	13.7	18.46	26.29
8	Kiln - IV Stack	Kiln - IV	58	1.3	Bag Filters						

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

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
3	Screen Dust Collector Stack C304	Prodict screen Area	30	0.9	Venturi Scrubber	01/10/2021 14:28Hrs	3368.0	7.0	22.00	NA	NA	NA
						16/11/2021 14:20Hrs	3954.0	7.00	21.50	NA	NA	NA
						01/12/2021 12:28Hrs	3944.0	7.80	28.00	NA	NA	NA
						27/01/2022 16:00Hrs	3600.0	10.0	21.00	NA	NA	NA
						02/02/2022 12:10 Hrs	4134.0	7.0	25.00	NA	NA	NA
						03/03/2022 14:33 Hrs	3893.0	6.9	22.00	NA	NA	NA
4	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	04/10/2021 10:40Hrs	3360.0	7.00	32.00	NA	NA	NA
						01/11/2021 14:31Hrs	3316	7	34	NA	NA	NA
						06/12/2021 10:45Hrs	3696	7	34	NA	NA	NA
						16/01/2022 10:11Hrs	3152.0	10.00	23.00	NA	NA	NA
						02//02/2022 14:21 Hrs	4134.0	7.00	25.00	NA	NA	NA
						03/03/2022 12:05 Hrs	3893.0	7.80	32.00	NA	NA	NA
5	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	04/10/2021 12:00Hrs	3360	6	29	NA	NA	NA
						01/11/2021 15:31Hrs	3316	6	29	NA	NA	NA
						06/12/2021 12:50Hrs	3696	7	36	NA	NA	NA
						16/01/2022 11:26Hrs	3152	11	32	NA	NA	NA
						Not in operation						
						15/03/2022 16:35 Hrs	3619	7	25	NA	NA	NA
6	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	Not in operation						
						Not in operation						
							CPCB Norms	< 50	NA	NA	NA	



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 the Stack (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	
IV Blast Furnace Plant													
Plant Capacity: 3.5 MTPA													
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters				Not in operation				
						21/01/2022 11:50Hrs	9725.0	13.0	39.8	NA	NA	NA	NA
Not in operation													
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters				Not in operation				
						24/10/2021 12:28Hrs	9021.0	7.3	32.0	NA	NA	NA	NA
						15/11/2021 12:25Hrs	7300.0	7.4	23.3	NA	NA	NA	NA
						04/12/2021 14:00Hrs	8816.0	7.3	36.6	NA	NA	NA	NA
						21/01/2022 10:24Hrs	9725.0	3.7	5.2	NA	NA	NA	NA
						23/02/2022 10:25 Hrs	10035.0	10.8	32.0	NA	NA	NA	NA
						10/03/2022 11:30 Hrs	9570.0	6.3	37.4	NA	NA	NA	NA
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger				Not in operation				
						24/10/2021 15:40Hrs	9021.0	12.0	18.0	42.00	28.00	33.00	33.00
						15/11/2021 14:15Hrs	7300.0	13.0	12.6	42.00	28.00	33.0	33.0
						09/12/2021 10:00Hrs	9174.0	12.0	2.7	36.00	17.25	17.8	17.8
						28/01/2022 14:00Hrs	9725.0	5.8	7.2	21.00	42.00	86.6	86.6
						23/02/2022 15:25 Hrs	10035.0	11.0	8.9	38.00	26.00	32.00	32.00
						10/03/2022 16:55 Hrs	9570.0	12.0	12.5	32.00	31.00	37.00	37.00
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters				Not in operation				
						24/10/2021 10:15Hrs	9021.0	14.0	22.0	NA	NA	NA	NA
						15/11/2021 10:15Hrs	7300.0	14.0	12.3	NA	NA	NA	NA
						09/12/2021 13:15Hrs	8816.0	10.8	10.8	NA	NA	NA	NA
						21/01/2022 14:45Hrs	9725.0	10.9	10.6	NA	NA	NA	NA
						23/02/2022 12:19 Hrs	10035.0	14.0	18.0	NA	NA	NA	NA
						10/03/2022 10:00 Hrs	9570.0	10.8	7.3	NA	NA	NA	NA


Prepared By
P.P. Nandusekar


Checked By
P.P. Nandusekar

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	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	25/10/2021 11:10Hrs	2.6	11.0	21.0	22.00	31.00	20.00
						25/11/2021 12:15Hrs	5.7	10.0	20.8	22.00	31.00	20.00
						14/12/2021 14:00Hrs	7.2	12.0	20.0	26.00	33.00	22.00
						18/01/2022 14:25Hrs	64.0	10.0	18.0	66.00	76.00	28.0
						21/02/2022 09.09 Hrs	10035.0	9.5	19.0	26.00	31.00	29.00
						19/03/2022 16:15 Hrs	2.4	8.8	28.0	24.00	31.00	29.00
6	Coal Injection Plant	Coal Injection Unit	60.5	1.7	Bag Filters	25/10/2021 12:08Hrs	9127.0	8.0	32.0	NA	NA	NA
						15/11/2021 16:30Hrs	7300.0	8.0	38.5	NA	NA	NA
						14/12/2021 12:10Hrs	9102.0	9.0	32.0	NA	NA	NA
						15/01/2022 10:00Hrs	9565.0	13.0	27.0	NA	NA	NA
						21/02/2022 12:00 Hrs	9002.0	7.2	30.0	NA	NA	NA
						10/03/2022 15:25 Hrs	9570.0	8.0	33.0	NA	NA	NA
						CPCB Norms		<50	250.0	150	NA	

Plant Capacity: 2.8 MTPA												
1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	06/10/2021 12:10Hrs	7428.0	8.00	24.00	NA	NA	NA
						10/11/2021 10:40Hrs	2575.0	7.00	29.60	NA	NA	NA
						07/12/2021 10:20Hrs	6181.0	6.80	28.00	NA	NA	NA
						18/01/2022 10:22Hrs	7085.0	10.00	25.00	NA	NA	NA
						11/02/2022 13:55 Hrs	7118.0	7.50	23.00	NA	NA	NA
						14/03/2022 10:02 Hrs	6931.0	6.70	25.00	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	06/10/2021 10:28Hrs	7428.0	7.00	27.00	NA	NA	NA
						10/11/2021 12:35Hrs	2575.0	8.00	38.50	NA	NA	NA
						07/12/2021 12:05Hrs	6181.0	7.30	31.00	NA	NA	NA
						18/01/2022 12:15Hrs	7085.0	12.00	28.00	NA	NA	NA
						11/02/2022 09:50 Hrs	7118.0	8.00	27.00	32.00	NA	NA
						14/03/2022 15:15 Hrs	6931.0	7.00	27.00	NA	NA	NA

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Deputy Manager (Environment)

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	
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	06/10/2021 15:32Hrs	7428.0	7.00	31.00	NA	NA	NA	NA
						10/11/2021 14:22Hrs	2575.0	8.00	30.90	NA	NA	NA	NA
						07/12/2021 15:00Hrs	6181.0	8.20	34.00	NA	NA	NA	NA
						08/01/2022 10:18Hrs	7254.0	13.00	33.00	NA	NA	NA	NA
						11/02/2022 15:25 Hrs	7118.0	6.90	32.00	NA	NA	NA	NA
						14/03/2022 13:05 Hrs	6931.0	7.50	31.00	NA	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	08/10/2021 15:32Hrs	6639.0	17.00	44.00	38.00	29.00	46.00	46.00
						21/11/2021 14:00Hrs	5962.0	43.50	17.98	48.23	32.20	26.30	26.30
						05/12/2021 17:45Hrs	7350.0	9.80	47.86	45.00	36.00	31.00	31.00
						06/01/2022 18:00Hrs	4866.0	14.77	28.98	110.00	21.76	68.11	68.11
						11/02/2022 11:30 Hrs	7118.0	6.30	46.50	66.00	33.00	49.00	49.00
						14/03/2022 11:00 Hrs	6931.0	7.80	47.23	42.00	38.00	49.00	49.00
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	08/10/2021 15:32Hrs	6639.0	14.00	32.00	NA	NA	NA	NA
						10/11/2021 16:18Hrs	2575.0	15.00	42.30	NA	NA	NA	NA
						07/12/2021 16:40Hrs	6181.0	14.00	42.00	NA	NA	NA	NA
						08/01/2022 15:10Hrs	7254.0	16.00	36.00	NA	NA	NA	NA
						11/02/2022 17:05 Hrs	7118.0	14.00	38.00	NA	NA	NA	NA
						14/03/2022 16:45 Hrs	6931.0	15.00	35.00	NA	NA	NA	NA
CPCB Norms							<150						
Plant Capacity: 2.5 MTPA													
VI Sinter Plant -II													
1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	13/10/2021 10:20Hrs	5954.0	17.0	32.0	31.0	39.9	40.9	40.9
						21/11/2021 10:15Hrs	6304.0	42.5	29.8	77.8	56.6	33.3	33.3
						05/12/2021 11:45Hrs	7667.0	8.6	44.9	46.0	32.0	42.0	42.0
						22/01/2022 12:19Hrs	8514.0	17.7	15.4	165.0	118.0	175.0	175.0
						16/02/2022 11:40 Hrs	8226.0	19.3	42.0	24.0	33.0	25.0	25.0
						08/03/2022 10:00 Hrs	8080.0	19.2	26.6	28.0	31.0	36.0	36.0
Prepared By Checked By													

Prepared By h.n. 22/10/2
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Deputy Manager (Environment)

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
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	12/10/2021 15:32Hrs	6035	6	18	NA	NA	NA
						02/11/2021 10:35Hrs	7521	7.0	14.5	NA	NA	NA
						10/12/2021 10:05Hrs	8097	7.1	17.0	NA	NA	NA
						22/01/2022 09:50Hrs	8514.0	10.0	18.0	NA	NA	NA
						16/02/2022 14:25 hrs	8226	6	14	NA	NA	NA
						08/03/2022 12:00 Hrs	8080	7	18	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	12/10/2021 15:32Hrs	6035.0	7.0	20.0	NA	NA	NA
						02/11/2021 12:00Hrs	7521.0	8.0	19.5	NA	NA	NA
						10/12/2021 12:15Hrs	8097.0	6.9	22.0	NA	NA	NA
						22/01/2022 11:49Hrs	8514.0	11.0	23.0	NA	NA	NA
						17/02/2022 10:22 Hrs	7818.0	5.9	22.0	NA	NA	NA
						09/03/2022 10:35 Hrs	8016.0	6.5	24.0	NA	NA	NA
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	12/10/2021 15:32Hrs	6035.0	6.0	24.0	NA	NA	NA
						02/11/2021 15:45Hrs	7521.0	6.0	23.6	NA	NA	NA
						10/12/2021 14:25Hrs	8097.0	7.2	26.0	NA	NA	NA
						20/01/2022 10:15Hrs	8329.0	11.0	21.0	NA	NA	NA
						17/02/2022 12:08 Hrs	7818.0	6.0	26.0	NA	NA	NA
						09/03/2022 11:52 Hrs	8016.0	6.5	27.0	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	13/10/2021 15:32Hrs	5954.0	7.0	28.0	NA	NA	NA
						03/11/2021 11:05Hrs	7362.0	7.0	29.5	NA	NA	NA
						10/12/2021 16:15Hrs	8097.0	6.5	28.0	NA	NA	NA
						20/01/2022 12:00Hrs	8329.0	10.0	26.0	NA	NA	NA
						17/02/2022 14:54 Hrs	7818.0	7.1	33.0	NA	NA	NA
						09/03/2022 14:36 Hrs	8016.0	6.0	25.0	NA	NA	NA


Prepared By


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Deputy Manager (Environment)

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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 MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	13/10/2021 15:32Hrs 03/11/2021 15:25Hrs 13/12/2021 10:25Hrs 20/01/2022 15:18Hrs 17/02/2022 16:35 Hrs 09/03/2022 16:42 Hrs	5954.0 7362.0 8066.0 8329.0 7818.0 8016.0	6.0 7.0 6.2 12.0 5.8 5.8	26.0 30.2 26.0 28.0 29.0 29.0	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters		under maintenance					
						27/11/2021 12:25Hrs 13/12/2021 12:00Hrs 20/01/2022 16:28Hrs 17/02/2022 16:35 Hrs 08/03/2022 14:28 Hrs	7753.0 8066.0 8329.0 8226.0 8080.0	6.0 5.8 9.8 5.6 6.8	18.2 16.0 14.0 16.0 18.0	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters		under maintenance					
						13/12/2021 14:35Hrs	8066.0	7	19	NA	NA	NA
							under maintenance					
							Not in Operation					
						08/03/2022 16:32 Hrs	8080.0	5.8	22.0	NA	NA	NA
							CPCB Norms					
							<50					

VII Captive Power Plant (55 MW)

1	Boiler Stack	Boiler	40	5.0	Blower	25/10/2021 14:25Hrs 29/11/2021 10:25Hrs 17/12/2021 11:45Hrs 15/01/2022 12:10Hrs 18/02/2022 11:45 Hrs 11/03/2022 12:15 Hrs	53 53 53 54 54 53	12 11.5 12.0 14.0 12 13	10.0 8.9 11.0 13.0 8.8 10.0	20.0 21.2 28.0 18.12 28.0 25.0	28.0 32.0 31.0 44.18 31.0 28.0	32.0 33.2 38.0 22 24.0 22.0
							CPCB Norms					
							<150					

Signature

Prepared By
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Deputy Manager (Environment)

Signature

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	
VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)													
1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	16/10/2021 14:50Hrs	3318.0	9.62	5.94	12.0	4.1	52.43	
						29/11/2021 14:50Hrs	3371.0	9.62	5.97	12	4.06	52.43	
						16/12/2021 16:10Hrs	3886.0	10.00	28.00	28	35	45	
						11/01/2022 16:00Hrs	3159.0	15.00	3.54	41.12	33.56	41.22	
						12/02/2022 16:10 Hrs	4437.0	7.80	29.00	22.0	26.0	30	
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	02/03/2022 15:25 Hrs	754.0	8.00	32.00	21.0	24.0	26	
						16/10/2021 11:40Hrs	1409.0	15.0	10.0	55.59	21.6	0.87	
						29/11/2021 11:40Hrs	3331.0	15.00	8.90	55.59	21.6	0.87	
						16/12/2021 11:30Hrs	2469.0	14.00	13.00	28	31	42	
						11/01/2022 10:35Hrs	1990.0	17.00	25.00	169.78	210.81	56.66	
						12/02/2022 14:25 Hrs	3910.0	14.0	14.0	27.00	31	39	
						02/03/2022 11:15 Hrs	4058.0	15.0	12.0	25.00	28	35	
						CPCB Norms		<50		NA	NA	NA	NA

IX Coke oven Plant -II

Plant Capacity: 2.5 MTPA

1	Coke Oven Battery Main Stack	150	11.0	Electrostatic Precipitators	19/10/2021 15:35Hrs	4823.0	10.0	45.0	145.0	132.0	176.0
					06/11/2021 14:50Hrs	6651.0	10.0	48.2	166.0	142.0	188
					24/12/2021 16:15Hrs	6922.0	8.0	46.0	156.0	137.0	172
					27/01/2022 14:38Hrs	3550.0	12.0	35.1	118.0	142.0	156.0
					01/02/2022 14:00 Hrs	7251.0	8.5	48.5	128.0	123.0	172.0
2	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	22/03/2022 14:10Hrs	7202.0	8.5	48.5	128.0	123.0	172.0
					19/10/2021 10:10Hrs	4823.0	11.0	15.0	NA	NA	NA
					06/11/2021 10:00Hrs	6651.0	9.0	16.5	NA	NA	NA
					24/12/2021 10:05Hrs	6922.0	10.0	12.0	NA	NA	NA
					02/01/2022 10:00Hrs	3771.0	12.0	10.0	NA	NA	NA
					01/02/2022 10:00 Hrs	7251.0	8.9	10.5	NA	NA	NA
					22/03/2022 10:05Hrs	7202.0	8.9	10.5	NA	NA	NA

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
3	Coke Oven Battery Charging Side		29.5	1.5	Bag Filters	19/10/2021 12:00Hrs	4823.0	12.0	18.0	NA	NA	NA
						06/11/2021 11:50Hrs	6651.0	11.0	19.5	NA	NA	NA
						24/12/2021 11:25Hrs	6922.0	10.0	18.0	NA	NA	NA
						02/01/2022 11:05Hrs	3771.0	13.0	15.0	NA	NA	NA
						01/02/2022 11:40 Hrs	7251.0	9.2	15.0	NA	NA	NA
4	Coal Crushing		19.5	1.5	Bag Filters	22/03/2022 11:35Hrs	7202.0	9.2	15.0	NA	NA	NA
						18/10/2021 14:50Hrs	5613.0	6.0	22.0	NA	NA	NA
						18/11/2021 10:42Hrs	5581.0	8.0	23.6	NA	NA	NA
						18/12/2021 10:25Hrs	6897.0	6.9	22.0	NA	NA	NA
						02/01/2022 12:15Hrs	3771.0	12.8	19.0	NA	NA	NA
5	Coke Cutting		25	1.8	Bag Filters	07/02/2022 10:35 Hrs	7100.06.0	6.0	18.0	NA	NA	NA
						23/03/2022 10:40Hrs	7246.0	7.1	22.0	NA	NA	NA
						18/10/2021 12:15Hrs	5613.0	6.0	25	NA	NA	NA
						19/11/2021 12:22Hrs	6690.0	7	27	NA	NA	NA
						18/12/2021 12:05Hrs	6897.0	7	27	NA	NA	NA
6	Coke Bunker		30	2.5	Bag Filters	02/01/2022 14:20Hrs	3771.0	10	25	NA	NA	NA
						07/02/2022 12:11 Hrs	7100.0	7.8	28	NA	NA	NA
						23/03/2022 12:12Hrs	7246.0	8.0	19.0	NA	NA	NA
						21/10/2021 14:25Hrs	8.5	12.0	25.0	45.0	76.0	86.0
						23/11/2021 15:28Hrs	9.7	13.0	26.5	43.0	68.0	78
7	Boiler		30	1.0		14/12/2021 16:15Hrs	15.0	10.2	18.0	105.0	142.0	89
						05/01/2022 11:45Hrs	352.0	11.0	18.0	52.0	89.0	33.0
						21/02/2022 14:25 Hrs	4.3	8.5	21.0	76.0	68.0	88.0
						15/03/2022 12:35Hrs	3.1	8.0	22.0	42.0	53.0	68.0
Not in operation												
7	Boiler		30	1.0		18/10/2021 10:18Hrs	5613.0	7.0	20.0	NA	NA	NA
						20/11/2021 15:22Hrs	6353.0	8.0	21.2	NA	NA	NA
						18/12/2021 14:30Hrs	6897.0	8.2	26.0	NA	NA	NA
						02/01/2022 15:50Hrs	3771.0	11.9	18.5	NA	NA	NA
						07/02/2022 12:11 Hrs	7100.0	7.8	28	NA	NA	NA



Checked By
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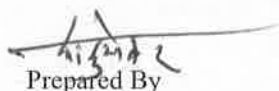
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JSW STEEL LIMITED

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	04-10-2021	1727.84	5.25	20.35
		12-11-2021	1817.99	5.46	21.58
		09-12-2021	1646.02	5.68	20.97
		25/01/2022	1663.83	4.86	20.04
		08/02/2022	1653.41	6.10	22.82
		05-03-2022	1289.38	6.52	85.72
2	Near Raw Material Feeding Area	04-10-2021	1249.62	5.04	17.88
		10-11-2021	1957.43	4.83	17.27
		09-12-2021	1771.92	5.04	17.88
		23/01/2022	1344.44	5.76	19.18
		08/02/2022	1971.56	5.46	25.28
		05-03-2022	1971.85	5.68	25.90
3	Near Raw Material Screen Area	04-10-2021	1366.86	5.68	20.97
		12-11-2021	1366.10	5.89	21.58
		09-12-2021	1398.30	5.68	20.35
		22-01-2022	1247.96	6.23	17.13
		08-02-2022	1556.44	5.89	24.05
		05-03-2022	1832.95	5.68	23.43
4	Near Raw Material Silo	04-10-2021	1041.10	4.99	22.35
		13/11/2021	1608.52	4.73	23.90
		09-12-2021	1953.60	4.99	24.67
		21-01-2022	1011.85	3.24	14.18
		07-02-2022	1646.78	4.73	26.21
		05-03-2022	1986.74	4.99	26.98
5	Near Furnace Area	05-10-2021	1640.91	5.14	17.81
		10-11-2021	1993.66	5.61	18.50
		10-12-2021	1771.92	6.07	17.81
		20/01/2022	1300.49	4.09	16.59
		07/02/2022	1644.38	6.07	19.19
		04-03-2022	1807.39	6.54	19.87
6	Near Product Screen House	05-10-2021	1946.40	6.77	23.98
		09-11-2021	1680.25	6.31	24.67
		10-12-2021	1993.84	6.77	23.30
		25/01/2022	1907.20	5.40	19.12
		07/02/2022	1994.75	6.31	25.35
		04-03-2022	1976.88	6.31	24.67
7	Near Product Silo	05-10-2021	1017.78	7.15	20.35
		11-11-2021	1100.00	7.36	20.97
		10-12-2021	1181.11	7.15	20.35
		27/01/2022	1518.15	4.96	17.88
		07/02/2022	1993.33	7.36	22.20
		04-03-2022	1971.02	7.57	21.58
8	Loading Point	05-10-2021	1126.85	6.94	20.97
		11-11-2021	645.37	7.15	21.58
		10-12-2021	1096.11	6.94	22.82
		27-01-2022	1186.41	5.83	17.27
		08-02-2022	1534.63	7.15	23.43
		04-03-2022	1618.15	6.94	24.05


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Deputy Manager (Environment)


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B) Hot Strip Mill Plant					
1	Near Gas Cleaning Plant Stack - I Control Room	07-10-2021	1282.77	6.31	26.21
		01-11-2021	1611.93	6.04	26.98
		06-12-2021	1778.22	5.78	26.21
		20/01/2022	2356.63	4.59	20.81
		03/02/2022	2100.38	6.83	28.52
		07/03/2022	2248.11	7.09	30.06
2	Near Gas Cleaning Plant Stack - II Control Room	07/10/2021	1722.54	7.51	25.55
		10/11/2021	1892.61	7.81	27.31
		06/12/2021	1873.86	8.11	28.19
		21/01/2022	1885.19	5.99	15.07
		03/02/2022	2815.53	8.41	29.07
		07/03/2022	2452.65	8.71	30.83
3	Near Electric Arc Furnace Shell No. 1 & 2	08/10/2021	1914.58	6.57	30.06
		02/11/2021	2828.56	7.09	29.29
		06/12/2021	2358.33	7.36	30.06
		25/01/2022	1850.72	5.52	22.61
		03/02/2022	2725.83	7.62	31.60
		03/08/2022	2904.58	8.14	32.38
4	Near Electric Arc Furnace Shell No. 3 & 4	08/10/2021	1948.75	5.40	24.67
		10/11/2021	2728.33	5.71	25.55
		07/12/2021	2704.79	6.31	33.48
		27/01/2022	2114.02	3.02	15.42
		04/02/2022	2897.92	9.31	25.55
		07/03/2022	2854.17	9.61	27.31
5	Near Caster Control Room	07/10/2021	1661.88	4.47	25.44
		03/11/2021	1983.33	4.20	26.21
		06/12/2021	1661.04	4.47	26.98
		22/01/2022	1925.93	4.10	14.18
		04/02/2022	2205.21	5.52	26.98
		07/03/2022	2539.58	5.78	27.75
6	Near Mould & Segment Repair Shop	07/10/2021	1127.17	6.61	32.60
		05/11/2021	1291.85	6.91	33.48
		07/12/2021	1423.33	6.61	34.36
		23/01/2022	1358.15	5.83	19.73
		03/02/2022	2035.23	6.91	31.71
		08/03/2022	1680.74	7.21	32.60
7	Mill Area	08/10/2021	945.29	6.83	30.06
		05/11/2021	1065.76	6.31	31.60
		07/12/2021	1178.08	6.57	32.38
		25/01/2022	1070.65	4.53	16.65
		04/02/2022	2055.11	6.57	33.15
		08-03-2022	1421.56	6.83	33.92
C) Lime Calcining Plant					
1	Near Kiln I & II Lime Dedusting System Area	05-10-2021	1530.30	3.70	33.82
		09-11-2021	1913.41	3.70	32.82
		07-12-2021	1833.51	3.70	33.82
		06-01-2022	1942.06	3.78	20.84
		05.-02-2022	2706.16	3.70	34.81
		03-03-2022	2198.86	3.70	33.82
2	Near Product Storage & Quick Lime Building	05-10-2021	1231.63	6.07	24.67
		08-11-2021	1937.22	6.31	25.35
		08-12-2021	2445.45	6.07	24.67
		07-01-2022	2954.55	4.32	19.18
		05.-02-2022	2446.85	6.54	25.35
		03-03-2022	2428.79	6.31	26.04

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3	Lime Stone Feeding Building LCP-4	05-10-2021	1798.86	6.77	21.24
		08-11-2021	2645.64	7.24	21.93
		08-12-2021	2292.42	7.71	22.61
		08-01-2022	2335.15	4.55	19.84
		05-02-2022	2900.57	7.71	23.30
		03-03-2022	2350.95	7.94	23.98
4	Lime Dedusting System Area LCP-4	05-10-2021	1869.38	4.62	22.20
		08/11/2021	2108.52	5.04	22.82
		08/12/2021	2037.31	4.83	22.20
		09-01-2022	2162.69	4.75	17.27
		05-02-2022	2753.33	5.46	24.05
		03-03-2022	2579.17	5.89	25.28

D) Blast Furnace

1	Near Stock House	27/10/2021	2224.17	6.54	23.98
		17/11/2021	2744.58	6.77	24.67
		11-12-2021	2797.50	7.24	26.72
		09-01-2022	2142.99	7.01	22.35
		18-02-2022	2680.21	6.31	26.72
		16/03/2022	2860.63	6.54	28.09
2	Near Stove Area	27/10/2021	1104.07	6.07	19.19
		17/11/2021	1358.15	6.31	19.87
		11-12-2021	1019.81	5.84	21.24
		11-01-2022	1056.11	5.99	15.76
		18-02-2022	2570.93	6.54	17.13
		16/03/2022	2224.05	6.77	17.81
3	Near Cast House (East)	28/10/2021	1489.58	5.04	17.88
		17/11/2021	1685.98	5.25	19.73
		11-12-2021	2271.40	5.46	20.35
		13-01-2022	1743.94	5.52	18.50
		18-02-2022	2615.15	5.25	20.97
		19/03/2022	2797.92	5.46	20.35
4	Near Cast House (West)	28/10/2021	1702.65	4.83	16.65
		18/11/2021	1900.76	4.62	17.27
		13/12/2021	1965.15	4.62	17.88
		15-01-2022	1646.85	3.88	16.03
		21-02-2022	2531.44	4.83	17.27
		21/03/2022	2411.55	5.04	15.42
5	Near Slag Granulation Plant	28/10/2021	1204.81	5.25	14.80
		17/11/2021	1682.04	5.46	15.42
		11-12-2021	1908.89	5.68	16.03
		08-01-2022	1730.37	5.61	14.18
		18-02-2022	2214.81	6.10	17.88
		16/03/2022	2149.24	5.04	19.12
6	Near Pig Casting Machine -I	28/10/2021	1478.89	5.46	20.35
		18/11/2021	1308.33	5.68	20.97
		13/12/2021	1259.26	6.10	21.58
		08/01/2022	2297.16	5.83	16.65
		21-02-2022	1998.70	5.25	22.20
		19/03/2022	1950.19	5.46	21.58
7	Near Pig Casting Machine -II	29/10/2021	1189.44	5.68	22.82
		18/11/2021	1065.74	6.10	23.43
		13/12/2021	1500.19	6.73	24.05
		01/11/2022	2225.95	4.53	15.42
		21-02-2022	2329.81	6.94	24.05
		21/03/2022	1774.26	7.15	23.43

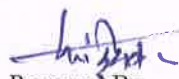

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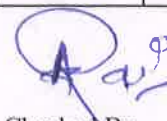

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E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	11-10-2021	1301.14	6.83	29.29
		25/11/2021	2532.01	7.36	30.06
		13/12/2021	2281.63	7.62	31.60
		13-01-2022	2660.61	5.93	24.66
		14-02-2022	1534.28	8.14	31.60
		14/03/2022	2735.42	8.41	32.38
2	Near Flux Screening & Coal Crushing House	11-10-2021	1546.59	6.77	25.35
		26/11/2021	2176.52	7.24	26.72
		14/12/2021	2345.45	7.71	26.04
		14-01-2022	1594.07	5.04	17.81
		14-02-2022	2940.91	7.71	30.83
		14/03/2022	2498.67	7.94	31.52
3	Near Proportioning House	11-10-2021	1910.42	7.71	22.61
		25/11/2021	2329.55	7.47	23.98
		14/12/2021	2175.38	7.94	24.67
		16/01/2022	2178.79	5.99	18.50
		14/02/2022	2450.57	8.17	25.35
		14/03/2022	2679.73	8.41	24.67
4	Near Sintering House	12-10-2021	992.04	4.83	17.27
		26/11/2021	1029.44	5.04	16.03
		14/12/2021	1419.07	5.25	16.65
		15-01-2022	794.75	3.88	14.80
		14-02-2022	1355.56	5.46	17.27
		14/03/2022	1140.04	5.68	17.88
5	Near Product Screen House	11-10-2021	1947.16	5.68	21.58
		25/11/2021	1314.77	6.10	20.35
		14/12/2021	1916.29	6.52	21.58
		15/01/2022	2474.24	4.96	17.88
		15/02/2022	2237.31	5.68	22.82
		15/03/2022	2911.36	5.89	24.05
E) Sinter Plant-II					
1	Near Sintering House	12-10-2021	1260.23	5.46	16.65
		19/11/2021	1358.52	5.68	14.80
		15/12/2021	1866.67	5.46	15.42
		08-01-2022	1188.67	5.93	20.02
		16-02-2022	2099.05	5.68	14.80
		19/03/2022	2370.56	6.10	16.03
2	Near Crushing Bldg.	10-12-2021	1386.36	4.83	20.35
		19/11/2021	1528.41	5.04	21.58
		15/12/2021	1604.36	5.25	22.20
		08-01-2022	2850.95	5.99	19.18
		17-02-2022	2291.86	6.10	21.58
		19/03/2022	2526.85	6.52	22.82
3	Near Screen Building	10-12-2021	1464.44	6.57	30.06
		20/11/2021	1690.93	6.83	28.52
		15/12/2021	1833.89	7.09	30.06
		09-01-2022	1492.99	5.52	17.13
		16-02-2022	2218.89	8.14	30.06
		19/03/2022	2721.40	8.67	33.15
4	Near Product Screen Bldg.	13/10/2021	1989.77	6.54	26.04
		19/11/2021	2076.52	6.31	26.72
		15/12/2021	1926.14	6.77	28.09
		08-01-2022	2774.78	3.88	20.35
		16-02-2022	2443.37	6.54	28.78
		16/03/2022	2084.58	6.77	28.09



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5	Near Mixing & Nodulizer Area	13/10/2021	1772.54	7.94	26.72
		19/11/2021	1922.16	8.17	28.09
		16/12/2021	1889.39	8.41	28.78
		09-01-2022	2596.67	3.67	21.58
		16-02-2022	2730.11	7.71	28.09
		16/03/2022	2258.90	7.94	29.46
6	Near Sintering Machine	13/10/2021	1197.59	5.04	22.20
		20/11/2021	788.15	5.25	23.43
		16/12/2021	1075.56	5.04	22.82
		08-01-2022	1319.51	4.75	19.12
		17-02-2022	1279.63	5.04	23.43
		19/03/2022	1143.84	5.68	24.05

F) BILLET CASTER

1	Near Laddel Furnace Area	15/10/2021	1483.71	6.94	25.90
		22/11/2021	2170.64	7.15	26.52
		16/12/2021	1801.70	6.94	25.90
		18-01-2022	1571.30	5.18	20.35
		15-02-2022	2194.70	7.57	27.75
		03-09-2022	2798.11	7.99	27.13
2	Near Casting Floor (Control room) 10.6 m	15/10/2021	1799.05	7.62	30.06
		23/11/2021	2075.95	8.14	31.60
		16/12/2021	1909.66	8.41	33.15
		19-01-2022	2216.29	5.83	17.27
		15-02-2022	2500.76	8.67	33.92
		03-09-2022	2802.65	8.93	34.69
3	Near Billet Caster Torch Cutter Machine	15/10/2021	824.44	8.17	28.09
		24/11/2021	1025.37	8.41	28.78
		17/12/2021	1162.41	8.64	30.15
		20-01-2022	1338.33	4.75	19.73
		15-02-2022	1545.37	8.64	28.09
		03-09-2022	1748.52	8.87	28.78

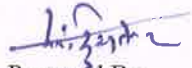
G) BAR MILL

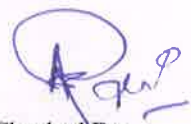
1	Near CP2 Furnace Mill Area	27/10/2021	813.89	6.52	21.58
		24/11/2021	1005.00	6.73	22.20
		17/12/2021	1296.30	6.94	21.58
		18/01/2022	1914.39	4.53	15.42
		19/02/2022	1937.78	7.36	24.05
		08-03-2022	2585.23	7.57	25.90
2	Near Bed Cooling (zero meter) Mill Area	27/10/2021	1017.05	6.94	22.20
		24/11/2021	1189.96	7.15	23.43
		17/12/2021	1589.39	7.36	24.05
		19-01-2022	2295.64	5.40	14.80
		19-02-2022	1782.39	7.78	24.05
		08-03-2022	2828.98	7.99	23.43


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H) Coke oven II					
1	Coal Blending Area.	18/10/2021	1034.26	5.46	22.82
		30/11/2021	1007.04	5.25	23.43
		20/12/2021	1298.33	5.46	24.05
		27-01-2022	1492.04	7.01	25.44
		25-02-2022	2214.07	5.68	23.43
		26/03/2021	2705.87	5.89	24.05
2	coke oven battary wharf Area A	18/10/2021	1540.53	7.36	16.03
		30/11/2021	1698.11	7.57	14.80
		20/12/2021	1774.81	7.36	15.42
		20-01-2022	2093.89	6.47	18.50
		26-02-2022	1986.55	7.99	16.65
		26/03/2021	2478.98	8.20	16.03
3	coke oven battary wharf G D S B	18/10/2021	1201.48	7.57	21.58
		30/11/2021	2177.04	7.78	22.20
		20/12/2021	1457.04	7.57	20.97
		21-01-2022	2439.02	6.71	19.87
		26-02-2022	2290.37	8.62	23.43
		25/03/2021	2673.30	8.83	22.82
4	Coke Screening Area.	19/10/2021	1260.56	6.73	24.05
		30/11/2021	2075.74	6.94	23.43
		20/12/2021	1599.26	6.73	24.05
		22-01-2022	1601.48	5.40	19.73
		25-02-2022	2390.74	6.94	22.82
		25/03/2021	2051.70	7.36	24.05
5	Near Coke Cutter Area.	19/10/2021	1309.66	3.99	22.82
		29/11/2021	1587.50	4.41	20.97
		22/12/2021	1645.64	4.62	21.58
		23-01-2022	1641.86	4.10	16.65
		26-02-2022	2671.59	4.83	22.20
		25/03/2021	2875.00	5.25	21.58
6	Secondary Crusher BIENDING	19/10/2021	1496.67	5.25	17.88
		29/11/2021	1722.22	5.46	17.88
		22/12/2021	1365.19	5.68	19.12
		25-01-2022	1764.81	4.32	14.80
		26-02-2022	1781.30	5.89	17.88
		24/03/2021	2001.70	5.68	17.27


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 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 : October, 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	
01-10-2021		23.88	50.37	16.1	69.46	1.12	18.32	58.37	2.47	6.9	0.24						17.76	86.9	8.76	31.36	1.56						
02-10-2021		16.33	40.07	14.9	58.99	1.06	34.57	97.91	2.62	9.29	0.38						20.47	72.83	8.89	32.13	1.58						
03-10-2021		28.65	46.07	15.17	65.73	1.24	48.14	84.21	2.44	7.23	0.46						28.7	75.64	8.84	26.07	1.67						
04-10-2021		41.09	87.15	15.86	59.09	1.37	56.21	82.69	3.09	1.78	0.44						27.65	97.89	8.45	20.52	1.63						
05-10-2021		17.83	47.39	15.89	58.66	1.15	42.26	75.61	2.46	2	0.43						20.95	65.18	7.7	28.22	1.63						
06-10-2021		14.37	32.66	18.19	60.96	1.18	59.27	63.58	2.44	1.96	0.55						20.22	51.96	9.03	31.55	1.68						
07-10-2021		17.26	41.52	19.76	59.01	1.15	44.68	74.12	2.19	1.97	0.67						22.68	87.87	9.12	32.18	1.71						
08-10-2021		30.6	65.24	20.88	61.6	1.29	28.11	69.54	2.17	2.01	0.29						15.41	67.9	9.09	24.7	1.69						
09-10-2021		20.01	50.37	20.65	61.3	1.29	16.12	87.59	2.1	2.01	0.25						11.22	68.68	9.04	22.91	1.68						
10-10-2021		25.37	50.05	15.13	66.2	1.29	15.49	92.54	2.07	2.06	0.28						10.43	42.09	9.07	22.72	1.63						
11-10-2021		20.11	46.03	14.67	61.09	1.34	35.24		2.25	2.03	0.35						15.65	42.37	9.17	22.06	1.64						
12-10-2021		23.67	80.84	14.5	62.36	1.26	55.33		2.58	2.02	0.41						22.57	71.42	9.22	24.99	1.7						
13-10-2021		24.35	60.25	14.39	63.8	1.36	36.54		1.23	2.02	0.73						46.47	87.45	9.35	37.93	1.84						
14-10-2021		37.38	79.54	14.39	64.21	1.37	43.25		1.61	1.99	0.72						45.74	95.68	9.31	30.74	1.86						
15-10-2021		24.59	85.42	14.32	66.72	1.24	36.91		2.3	1.99	0.6						39.96	90.57	9.38	27.74	1.79						
16-10-2021		23.77	83.29	14.22	63.31	1.25	53.28		2.71	2.04	0.51						36.89	78.63	9.38	26.57	1.76						
17-10-2021		37.95	71.92	14.61	62.51	1.47	48.97		2.81	2.03	0.56						48	81.26	9.58	37.26	1.95						
18-10-2021		56.75	89.49	20.59	61.68	1.92	41.26		2.5	2.04	0.34						28.16	91.63	9.42	30.56	1.78						
19-10-2021		39.14	73.88	17.72	67.25	1.44	51.68		2.36	2.1	0.3						55.13	94.08	9.52	29.76	1.7						
20-10-2021		20.66	43.07	15.15	64.27	1.17	58.79		2.8	2.04	0.42						27.92	95.6	9.68	35.85	1.73						
21-10-2021		19.59	51.68	14.7	61.04	1.29	54.87	Under Maintenance	2.83	2.01	0.43						45.13	82.45	9.83	57.85	1.83						
22-10-2021		24.12	56.27	14.49	56.92	1.3	43.65		2.76	1.97	0.6						37.26	87.68	9.76	34.26	1.78						
23-10-2021		25.39	46.14	14.49	56.02	1.27	48.91		2.59	1.97	0.5						33.59	74.88	9.76	31.73	1.76						
24-10-2021		15.12	29.74	14.41	53.79	1.18	46.57		2.12	1.99	0.38						23.57	69.01	9.73	25.84	1.73						
25-10-2021		12.31	24.39	14.38	56.07	1.15	54.89		3.34	2.01	0.33						13.67	45.6	9.8	28.84	1.7		20.1	58.15	4.76	3.5	0.93
26-10-2021		24.1	51.54	14.35	60.8	1.27	32.15		3.21	2.07	0.52						36.84	97.74	10.06	49.01	1.82		34.72	95.78	4.3	0.5	0.44
27-10-2021		43.11	95.64	14.36	59.91	1.38	28.97		4.5	2.05	0.74						36.19	87.59	9.99	42.17	1.81		46.12	89.57	4.29	0.3	0.5
28-10-2021		47.9	92.48	14.61	62.97	1.46	39.56		4.48	1.99	0.74						43.2	99.15	9.95	45.67	1.82		45.48	92.63	4.27	7.1	0.56
29-10-2021		22.03	89.43	14.39	57.59	1.32	41.75		6.06	2.04	0.79						44.91	79.64	10.11	68.05	1.82		42.18	95.74	3.6	13	0.5
30-10-2021		26.98	94.85	14.49	57.08	1.36	28.76		5.86	2.01	0.8						32.62	83.26	9.97	60	1.85		40.86	89.43	4.2	12	0.55
31-10-2021		25.35	59.1	14.45	55.22	1.5	35.64		2.72	2.02	0.67						53.48	89.57	10.02	53.4	2.04		57.42	96.38	3.42	18	0.64

Internet Connectivity Problem

MIB

Board and display Assembly submitted

In Electronic Lab for repairing

Power Failure

Under Maintenance

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

Prepared By
P. P. Nandusekar

P. P. Nandusekar
Deputy Manager (Environment)

Checked By
Dr. Anand Rai

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 : November, 2021

Location		Near Kasumata Temple						Near Coke Oven Plant						Near MSEB Substation						Near Goa Gate						Near Dolvi Village					
Date		PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO					
01-11-2021		36.51	78.68	14.55	57.27	1.67	35.64		2.94	1.92	0.8	59.77	86.64	10.08	47.87	2.04	54.88	89.67	3.68	13	0.73										
02-11-2021		41.17	84.61	14.54	58.47	1.62	41.57		2.87	1.94	0.89	51.24	92.57	10.06	49.47	2	39.56	93.67	3.43	15	0.73										
03-11-2021		35.06	91.06	14.39	53.57	1.51	40.68		2.61	2.03	0.63	35.68	83.24	10.3	59.36	1.92	58.89	80.49	3.81	3.1	0.72										
04-11-2021		40.72	72.29	14.47	51.97	1.56	32.19		2.42	1.98	0.71	56.84	87.62	10.2	40.75	2.01	53.67	90.75	4.04	13	0.72										
05-11-2021		37.85	79.1	14.78	54.16	1.48	29.84	Under Maintenance	2.11	2.03	0.47	35.93	88.68	10.13	29.47	1.15	50.49	73.72	2.48	6	0.49										
06-11-2021		24.16	70.82	14.92	62.19	1.51	54.42		25.55	57.17	10.14	29.33	1.84	30.21	46.76	1.92	5.3	0.46													
07-11-2021		23.81	49.57	14.47	61.69	1.49	53.2		41.89	78.65	10.23	34.7	1.84	46.31	76.23	2.61	11	0.62													
08-11-2021		36.16	69.82	14.48	66.01	1.64	59.65		50.55	95.48	10.35	50.11	1.85	56.18	99.33	2.54	13	0.6													
09-11-2021		42.13	86.76	14.47	66.29	1.55	41.03		53.03	89.67	10.54	55.27	1.86	48.67	75.64	2.34	21	0.67													
10-11-2021		26.03	90.35	14.66	75.11	1.63	53.19	84.67	9.08	2.27	1.36	59.31	82.34	11.05	61.84	1.91	56.95	87.64	0.2	7.7	0.61										
11-11-2021		33.06	87.56	14.47	66.63	1.62	48.67	72.68	6.39	3.76	1.35	48.71	76.94	11.61	72.96	1.98	38.41	83.67	5.01	14	0.7										
12-11-2021		26.2	96.34	14.55	71.59	1.65	38.71	94.76	5.08	5.19	0.88	53.48	83.59	12.68	75.57	1.96	57.38	78.51	5.84	15	0.75										
13-11-2021		37.88	73.28	14.57	60.81	1.8	56.16	91.57	2.16	17.96	1.07	39.54	96.37	11.18	71.74	2.06	53.67	84.67	6.07	15	0.86										
14-11-2021		35.23	51.37	14.4	55.2	1.79	42.65	80.28	2.14	15.02	0.98	48.67	87.53	10.66	56.02	2.04	49.51	80.49	5.28	16	0.86										
15-11-2021		45.63	52.79	14.41	55.43	1.75	36.79	86.37	2.24	16.89	1.1	56.84	82.19	10.57	41.29	1.98	42.58	91.78	4.48	13	0.75										
16-11-2021		43.99	56.34	14.49	59.95	1.75	45.73	89.67	2.36	16.23	0.98	57.12	92.58	10.73	49.36	1.98	50.19	95.81	4.48	13	0.69										
17-11-2021		28.68	35.84	14.58	57.99	1.56						33.32	66.52	10.64	35.89	1.91	48.21	75.41	2.44	7.2	0.61										
18-11-2021		23.12	28.66	14.83	68.75	1.58						17.97	56.84	10.67	35.31	1.92	23.63	63.65	5.13	13	0.58										
19-11-2021		24.96	28.66	14.45	66.76	1.54						33.17	86.03	10.76	42.07	2.03	32.47	90.57	5.98	13	0.58										
20-11-2021		32.09	39.01	14.43	62.24	1.61						34.83	84.46	10.69	34.52	1.88	32.3	89.76	4.79	16	0.49										
21-11-2021		29.9	39.58	14.46	60.74	1.55						15.03	49.77	10.44	20.6	1.78	14.82	28.04	4.95	20	0.34										
22-11-2021		20.71	24.13	14.69	62.5	1.59						20.53	53.36	10.67	33.13	1.79	18.39	45.63	5.92	24	0.37										
23-11-2021		15.8	73.63	14.43	63.08	1.37						21.28	45.34	10.93	41.62	1.83	24.01	65.86	5.26	10	0.42										
24-11-2021		23.71	28.35	14.39	62.95	1.52											45.14	78.64	4.4	1.6	0.68										
25-11-2021		35.13	48.91	14.48	62.05	1.72											57.96	89.62	5.28	11	0.69										
26-11-2021		36.54	39.57	14.49	65.73	1.61																									
27-11-2021		47.59	59.39	14.51	70.22	1.66																									
28-11-2021		43.63	88.03	14.95	70.57	1.76																									
29-11-2021		33.49	78.07	14.81	69.62	1.64																									
30-11-2021		35.13	55.24	10.09	64.37	1.66																									
																										Glens Software update					
																										Glens Software update					
																										Glens Software update					

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

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

Glens Software update

Glens Software update

Glens Software update

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

Location	Near Kasumata Temple					Near Coke Oven Plant					Near 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					
01-12-2021	34.96	68.55	7.29	39.35	1.95	26.3	93.8	3.09	15.9	1.02						24.67	22.65	5.37	66	1.67					
02-12-2021	16.12	29.8	7.2	24.08	1.83	17.86	82.74	1.3	13.72	1						46.46	52.87	6.37	84	1.98					
03-12-2021	19.71	46.5	7.28	35.56	1.86	47.16	89.25	1.39	10.4	0.33						21.18	24.77	6.32	78	1.66					
04-12-2021	24.5	69.82	7.16	42.44	1.94	16.23	57.35	1.86	12.09	0.45						23.96	25.58	5.64	72	1.59					
05-12-2021	20.48	94.1	7.32	43.87	1.93	20.58	65.66	1.48	10.89	0.37						33.63	26.52	5.66	75	1.59					
06-12-2021	40.35	92.92	7.52	41.65	1.9	50.76	84.42	1.19	12.89	0.4						37	30.07	5.67	72	1.63					
07-12-2021	64.6	89.34	7.58	64.25	2.1	26.57	80.49	1.76	12.36	0.78						37.37	43.06	5.25	68	1.79					
08-12-2021	60.46	89.34	7.54	62.5	2.02	33.9	90.68	1.9	15.72	0.79						45.22	60.23	5.37	69	1.81					
09-12-2021	62.03	84.97	7.61	62.5	2.04	35.96	87.71	2.88	18.03	0.71						29.82	53.42	5.12	70	1.75					
10-12-2021	61.96	89.74	7.62	66.13	2.06	29.59	93.46	3.47	14.34	0.79						31.53	49.44	5.15	72	1.82					
11-12-2021	47.64	85.46	7.53	51.67	2.01	26	86.06	1.45	13.47	0.71						18.51	24.55	13	49.27						
12-12-2021	52.79	88.72	7.55	47.92	2.02	NA										15.24	14.76	13	44.86						
13-12-2021	52.26	80.63	7.46	59.46	2.02	56.97	91.29	0	15.25	0.47						15.32		13	43.68						
14-12-2021	46.68	87.81	7.82	62.81	1.93	35.78	88.22	2.4	17.6	0.54						25.46		13	54.76						
15-12-2021	65.59	81.59	7.67	50.04	2.03	47.93	90.62	1.69	16.61	0.69						Power Supply problem									
16-12-2021	69.7	85.54	7.83	52.18	2.05	62.25	64.29	2.15	19.89	0.78						68.12	18.24	13							
17-12-2021	83.09	88.66	7.98	60.12	2.16	53.48	65.31	2.26	19.26	0.9						22.9	3.23	14	42.58						
18-12-2021	68.96	81.14	7.85	62.14	2.09	44.45	43.76	1.92	18.28	0.78						40.57	0	14							
19-12-2021	77.04	86.01	7.83	53.34	2.08	52.79	8.13	0.7	15.72	0.71						Power Supply problem									
20-12-2021	78.06	95.26	7.64	48.74	2.08	77.28	3	0.41	16.99	0.78						40.2	41.88	5.3	56	2.05					
21-12-2021	81.7	95.13	7.78	59.31	2.26	82.91	6.22	0.04	17.17	0.75						37.6	44.49	5.24	57	2.03					
22-12-2021	82.93	89.53	7.32	50.41	2.13	90.77	3.54	1.91	19.44	0.79						25.29	61.67	5.52	64	2.12					
23-12-2021	89.86	82.22	7.93	64.91	2.25	44.38	7.4	4.72	17.11	0.91						48.33	51.59	5.4	61	2.11					
24-12-2021	60.41	83.44	7.93	53.17	2.06	48.73	3.55	2.86	13.6	0.7						49.68	51.97	5.48	65	2.11					
25-12-2021	43.15	91.09	8	51.41	1.96	31.32	9.42	0.19	18.5	0.42						Under Observation due to sample hood Change		3	30.88						
26-12-2021	65.97	88.15	8.28	52.47	2.06	25.37	15.2	0.35	15.65	0.63						3	35.39								
27-12-2021	77.23	94.37	8.35	68.64	2.12	22.07	3.71	0.66	16.95	0.75						3	35.52								
28-12-2021	65.12	91.19	8.17	61.31	2.07	35.01	2.93	0.9	16.9	0.8						3	35.73								
29-12-2021	57.86	84.76	8.72	91.94	2.02	34.84	2.45	1.5	17.07	0.59						Power Supply problem									
30-12-2021	Power Supply problem					25.55	2.86	4.78	15.62	0.58						61.94	43.37	4	30.46						
31-12-2021						28.9	9.71	5.1	21.65	1.39	34.42	25.06	4	24.66	5.3	54	2								

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

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

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

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

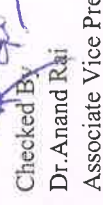
Location		Near Kasumata Temple				Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date		PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO				
01-01-2022	Station is not in operation due to Temp controller faulty.						42.17	59.63	2.82	14.15	0.99	NA					40.47	57.5	4	24.08					
02-01-2022							32.91	64.58	1.51	14.31	0.76							43.7	60.86	4	24.12				
03-01-2022							34.21	61.21	0.49	12.52	0.64							39.8	56.61	5	23.62				
04-01-2022							49.69	55.82	3.74	12.27	0.6							17.41	23.09	5	19.42				
05-01-2022							43.27	72.69	1.81	12.56	0.73		7.93	65.85	4.82	9.3	0.64	39.21	46.1	5	25.93				
06-01-2022							32.94	45.96	0.32	13.33	0.78	4.64	71.36	4.39	13.01	0.81	58.47	86.38	5	21.53					
07-01-2022							23.35	60.23	1.61	11.17	0.56	2.81	72.65	5.17	13.07	0.89	NA		5	20.3					
08-01-2022							28.59	52.4	1.49	11.86	0.44	2.37	76.98	4.61	9.31	0.61	NA		5	29.19					
09-01-2022							29.63	34.97	2.76	14.85	0.44	4.47	82.1	3.43	10.48	0.58	Power Supply Problem.								
10-01-2022							25.4	43.69	2.36	15.2	0.43	2.51	51.75	4.51	9.59	0.5									
11-01-2022							29.96	46.1	1.31	13.29	0.47	1.89	87.44	4.82	12.7	0.57									
12-01-2022							NA					23.59	72.36	4.08	12.21	0.69									
13-01-2022						31.62	45.85	1.56	5.05	0.58	54.25	75.69	4.65	15.59	0.85	52.02	94.62	10.11	52.77						
14-01-2022						33.54	10.2	1.85	5.07	0.72	48.31	72	4.75	15.12	0.79	55.34	79.34	6	58.04						
15-01-2022						37.45	7.59	4.71	5.07	0.64	45.63	68.97	4.68	13.92	0.88	43.31	62.7	6	58.02						
16-01-2022						47.84	3.55	3.7	5.06	0.55	57.21	79.68	4.59	14.49	0.85	35.35	47.38	6	59.29	NA					
17-01-2022						45.32	11.34	1.78	5.09	0.64	52.92	69.89	4.32	15.13	0.73	49.89	72.48	4	56.51						
18-01-2022						48.65	9.13	2.85	5.12	0.67	51.1	84.23	5.73	14.99	0.76	43.25	67.98	4	45.09						
19-01-2022						54.1	6.91	1.73	5.1	0.68	44.22	76.46	3.77	19.04	0.86	57.98	47.71	5	12.88						
20-01-2022						42.98		1.03	5.14	0.71	NA					NA		6	7.42						
21-01-2022						34.63	88.98	8.77	45.23	1.96	34.15	52.36	5.64	12.76	0.5	NA		6	8.36						
22-01-2022						26.62	79.11	8.99	49.5	2.15	34.49	63.65	4.64	12.36	0.48	NA		6	6.98						
23-01-2022						47.69	98.06	8.71	30.58	1.78	39.87	70.36	3.61	9.27	0.38	NA		6	10.6						
24-01-2022						35.87	83.25	8.67	40.13	1.76	50.32	77.36	7.56	5.17	0.32	NA		7	12.3						
25-01-2022						54.25	91.36	8.72	73.15	1.92	39.86	46.35	1.06	5.21	0.52	44.2	82.56	8.9	0						
26-01-2022						51.21	68.97	8.84	56.64	1.92	48.96	77.85	1.93	5.32	0.63	LAN Problem									
27-01-2022						43.5	77.36	6.67	51.56	1.77	53.64	75.98	1.51	5.33	0.69										
28-01-2022						56.46	86.08	4.83	72.76	1.58	54.05	64.34	3.14	6.15	0.77										
29-01-2022						35.66	94.58	8.38	76.41	1.57	57.98	71.23	2.88	19.46	0.73										
30-01-2022						35.26	75.98	8.38	60.63	1.61	49.21	68	2.03	16.3	0.66	49.65	89.97								
31-01-2022						36.79	64.34	8.48	59.09	1.56	53.67	76.23	2.33	15.9	0.7	26.06	48.02	1.87	58.68	0.91					

Station is not in operation due to Temp controller faulty.

Prepared By


P. P. Nandusekar

Deputy Manager (Environment)

Checked By


Dr. Anand Rai

Associate Vice President (HOD-Environment)

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

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : February, 2022

Location		Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
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		
01-02-2022	37.09	63.05	8.63	78.82	1.6	28.49	87.95	2.42	13.06	0.67	58.52	97.76	5.53	19.42	0.8	Analyser to PC communication problem.	19.10	36.68	1.72	22.76	19.10	36.68	1.72	22.76		
02-02-2022	34.5	49.82	8.65	61.9	1.6	38.45	87.59	4.29	15.64	0.52	58.63	96.37	5.4	17.85	0.73		24.79	21.06	1.89	29.86	24.79	21.06	1.89	29.86		
03-02-2022	26.22	66.58	8.62	57.05	1.6	46.25	81.78	5.88	13.47	0.6	47.22	97.24	4.56	16.12	0.49		30.47	27.59	2.00	35.31	30.47	27.59	2.00	35.31		
04-02-2022	24.32	85.89	8.38	54.38	1.3	45.74	80.45	3.09	5.88	0.82	48.79	81.73	5.21	14.36	0.51		27.11	29.74	2.11	34.35	27.11	29.74	2.11	34.35		
05-02-2022	35.1	96.19	8.45	63.22	1.2	33.72	94.69	5.61	20.1	0.3	57.12	81.28	5.03	16.91	0.61		26.51	32.77	1.92	34.02	26.51	32.77	1.92	34.02		
06-02-2022	40.91	98.59	9.05	63.67	1.4	26.54	95.74	3.67	15.54	0.63	55.49	89.2	5.77	18.41	0.8		26.27	30.75	1.80	29.10	26.27	30.75	1.80	29.10		
07-02-2022	33.48	78.04	16.49	43.06	1	16.7	91.86	1.34	12.42	0.49	54.38	80.21	5.28	14.16	0.6		17.97	34.29	1.75	22.00	17.97	34.29	1.75	22.00		
08-02-2022	4.61	57.79	9.4	48.77	1.1	17.31	91.87	5.05	11.09	0.3	37.44	88.28	3.97	14.95	0.52		8.53	26.03	1.75	25.15	8.53	26.03	1.75	25.15		
09-02-2022	19.05	52.36	9.02	44.31	1.3	17.82	93.68	4.79	13.83	0.39	32.28	84.02	4.89	14.46	0.47		10.51	62.04	1.92	26.83	10.51	62.04	1.92	26.83		
10-02-2022	35.56	78.8	9.37	79.51	1.5	14.05	91.15	2.89	15.08	0.59	59.12	91.01	5.2	15.83	0.8		12.35	63.32	1.82	22.09	12.35	63.32	1.82	22.09		
11-02-2022	36.51	92.51	9.14	75.29	1.5	27.97	92.94	3.16	20.04	0.88	48.36	88.52	5.02	16.68	0.64		10.47	20.30	1.78	20.54	10.47	20.30	1.78	20.54		
12-02-2022	37.83	91.46	9.28	73.69	1.6	23.29	99.35	5.88	18.6	0.82	55.04	96.95	5.6	18.3	0.78		11.31	17.18	1.88	19.55	11.31	17.18	1.88	19.55		
13-02-2022	39.27	88.44	9.14	60.72	1.6	30.98	93.83	5.31	15.64	0.74	53.47	78.8	5.76	17.35	0.75		10.14	55.59	1.75	22.55	10.14	55.59	1.75	22.55		
14-02-2022	28.77	69.3	9.09	68.24	1.6	39.33	92.79	4.99	13.47	0.54	44.51	85.5	5.32	18.31	0.74		10.57	11.41	1.82	32.65	10.57	11.41	1.82	32.65		
15-02-2022	30.55	86.47	9.21	81.5	1.6	43.45	98.99	4.29	19.19	0.6	37.67	85.39	4.95	17.96	0.62		6.80	11.76	1.66	17.78	6.80	11.76	1.66	17.78		
16-02-2022	20.45	52.22	9.17	65.83	1.5	40.32	91.34	4.84	5.88	0.52	31.42	84.62	5.44	17.63	0.58		10.90	10.77	1.82	33.27	10.90	10.77	1.82	33.27		
17-02-2022	20.49	55.92	9.1	69.43	1.8	49.53	91.85	3.96	14.61	0.44	28.5	89.27	5.01	0	0.6		23.12	28.66	14.83	68.75	23.12	28.66	14.83	68.75		
18-02-2022	24.77	59.48	9.2	56.97	1.6	38.43	97.98	2.37	12.05	0.38	26.45	82.94	5.05	0	0.53		24.96	28.66	14.45	66.76	24.96	28.66	14.45	66.76		
19-02-2022	29.64	63.88	9.23	58.93	1.6	34.08	98.38	0.79	15.64	0.54	35.31	80.9	5.49	0	0.59		32.09	39.01	14.43	62.24	32.09	39.01	14.43	62.24		
20-02-2022	32.11	55.66	9.48	60.16	1.6	45.86	91.54	2.37	15.56	0.6	44.13	82.72	6.71	0	0.75		29.9	39.58	14.46	60.74	29.9	39.58	14.46	60.74		
21-02-2022	32.41	65.24	9.49	53.93	1.6	49.07	92.48	3.09	14.74	0.62	36.65	80.71	5.34	0	0.7		20.71	24.13	14.69	62.5	20.71	24.13	14.69	62.5		
22-02-2022	37.73	83.23	9.83	63.35	1.7	38.53	92.49	4.7	18.36	0.84	35.84	87.14	7.49	0	0.7		15.8	63.44	14.43	63.08	15.8	63.44	14.43	63.08		
23-02-2022	30.73	68.63	9.46	74.07	1.7	34.42	95.17	6.96	17.84	0.69	19.98	81.88	4.89	4.16	0.68		23.71	28.35	14.39	62.95	23.71	28.35	14.39	62.95		
24-02-2022	39.9	94.02	9.61	71.38	1.8	37.93	99.82	5.59	18.99	0.87	21.38	65.2	5.26	15.4	0.76		35.13	48.91	14.48	62.05	35.13	48.91	14.48	62.05		
25-02-2022	43.36	99.12	9.74	76.32	1.7	35.58	96.41	2.07	24.21	0.6	32.93	89.94	5.85	15.56	0.69		36.54	39.57	14.49	65.73	36.54	39.57	14.49	65.73		
26-02-2022	40.5	95.7	9.92	84.32	1.7	40.56	99.72	1.03	25.43	0.54	46.9	85.06	4.47	15.55	0.64		47.59	59.39	14.51	70.22	47.59	59.39	14.51	70.22		
27-02-2022	39.06	96.75	9.9	91.34	1.8	41.25	97.79	9.29	23.28	0.5	45.11	87.57	5.6	16.76	0.78		43.63	78.35	14.95	70.57	43.63	78.35	14.95	70.57		
28-02-2022	37.65	85.03	9.67	58.83	1.7	39.45	97.82	5.16	26.72	0.63	44.88	86.16	5.08	15.28	0.74		33.49	78.07	14.81	69.62	33.49	78.07	14.81	69.62		

Dr. Anand Rai

Associate Vice President (HOD-Environment)

P. P. Nandusekar

Deputy Manager (Environment)

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

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Goa Gate				Near MSEB Substation				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-03-2022	43.77	90.73	9.76	86.54	1.86	42.59	85.46	3.5	16.95	0.67	40.48	64.74	0.28	29.11	1.95	20.65	55.67	15.29	26.49	1.18
02-03-2022	52.02	95.25	9.65	85.83	2.05	49.36	86.99	2.46	25.46	0.62	48.42	69.58	2.22	25.49	2.45	26.12	42.55	13.76	25.70	1.43
03-03-2022	47.76	93.61	9.52	81.95	1.89	41.41	85.32	9.15	21.14	0.76	45.99	68.84	5.01	11.15	1.81	26.19	56.60	12.25	25.45	1.27
04-03-2022	42.86	99.09	9.61	87.05	1.81	39.99	84.25	6.45	24.58	0.58	45.2	66.66	5.38	19.54	1.86	23.77	93.17	11.21	24.45	1.16
05-03-2022	45.31	95.66	9.88	89.93	1.9	30.74	87.04	14.51	26.07	0.44	43.89	64.35	3.49	29.11	2.05	21.21	54.12	10.23	23.88	1.21
06-03-2022	38.12	92.67	9.9	75.76	1.9	19.47	87.38	6.2	21.65	0.69	57.74	71.01	10.86	25.49	2.09	24.78	47.10	9.60	21.35	1.23
07-03-2022	46.17	97.85	9.77	71.36	2.33	41.99	88.308	0.28	17.74	0.69	45.08	78.38	5.02	22.15	0.72	24.90	55.73	8.63	19.13	1.23
08-03-2022	41.99	98.78	10.02	74.13	2.3	47.62	78.14	2.22	18.71	0.69	45.13	69.17	4.27	19.54	0.79	31.59	77.07	7.75	19.29	1.48
09-03-2022	47.62	81.12	10.09	66.49	2.03	40.48	90.69	5.01	24.75	0.85	53.1	68.74	4.69	24.92	0.88	30.37	48.36	7.64	18.96	1.38
10-03-2022	40.48	76.82	9.95	60.83	1.88	48.42	91.86	5.38	25.23	0.84	42.59	73.95	4.04	19.92	0.76	27.68	86.49	7.26	19.75	1.35
11-03-2022	48.42	99.96	9.94	76.13	1.95	45.99	75.79	3.49	30.85	0.86	49.36	69.58	4.43	23.88	0.91	27.14	56.50	6.92	21.53	1.34
12-03-2022	45.99	93.58	10.09	93.16	2.45	45.2	78.57	10.86	16.92	0.57	41.41	64.74	5.1	28.35	0.73	29.48	94.29	6.66	20.64	1.36
13-03-2022	45.2	81.09	9.95	65.43	1.81	43.89	90.34	3.5	24.88	0.86	39.99	69.74	4.57	30.34	0.78	29.38	88.1	6.72	21.99	1.31
14-03-2022	43.89	90.39	10.01	94.66	1.86	57.74	99.61	2.46	29.35	0.72	30.74	68.84	5.03	20.14	0.79	25.37	82.51	6.07	27.95	1.26
15-03-2022	58.67	98.83	10.26	110.3	2.05	54.84	97.97	9.15	31.34	0.64	19.47	76.66	8.58	23.58	0.98	35.12	88.93	5.62	26.21	1.33
16-03-2022	58.69	97.92	9.97	99.24	2.09	44.6	90.14	2.8	28.81	0.69	4.47	74.35	6.86	25.07	0.91	29.35	62.92	5.47	29.09	1.35
17-03-2022	53.42	92.96	10.19	98.7	2.24	52.2	95.05	3.69	29.21	0.76	58.06	71.01	7.93	20.65	1	47.39	69.99	5.15	38.61	1.49
18-03-2022	58.78	98.89	9.79	72.31	2.52	56.2	90.99	3.68	19.96	0.91	46.76	76.24	5.7	18.74	1.15	34.47	81.78	5.5	18.59	1.68
19-03-2022	28.35	99.04	9.32	50.5	2.01	52.13	71.82	2.61	17.47	0.52	55.04	71.95	3.27	18.71	0.64	36.87	67.47	6.37	18.69	1.41
20-03-2022	26.96	92.12	9.51	41.15	1.89	41.61	61.22	3.45	13.64	0.37	54.83	70.56	3.44	23.75	0.95	34.28	47.13	6.7	22.12	1.48
21-03-2022	26.19	95.39	9.77	49.45	1.82	57.33	75.72	1.13	12.16	0.41	48.15	74.26	2.56	29.11	0.58	16.05	25.52	5.23	17.28	1.19
22-03-2022	39.2	98.04	10.42	103.8	2.06	57.1	78.97	1.35	16.72	0.53	50.17	71.87	21.51	26.49	1.94	22.92	47.61	5.04	17.99	1.47
23-03-2022	46.57	89.03	10.26	101.8	2.06	55.91	87.76	1.63	30.11	1	50.53	74.57	6.27	22.45	0.72	35.65	90.93	5.09	17.24	1.59
24-03-2022	39.27	89.38	9.84	77.73	2.44	42.06	84.48	1.58	26.49	0.76	51.53	81.03	4.51	21.54	0.71	47.05	74.81	6.11	16.44	1.74
25-03-2022	26.42	99.69	9.87	64.69	2.77	48.5	79.47	0.05	12.15	0.32	51.13	81.65	3.97	24.92	0.66	15.88	19.73	4.36	9.5	1.24
26-03-2022	26.69	91.3	9.76	57.74	2.04	51.56	74.24	0.46	20.54	0.45	45.97	79.62	3.63	19.58	0.57	13.96	17.86	4.23	8.03	1.23
27-03-2022	22.79	79.97	9.61	54.84	1.91	51.32	76.99	0.96	14.92	0.33	50.94	88.36	3.29	27.49	0.45	18.36	15.6	4.22	12.05	1.4
28-03-2022	26.33	82.46	9.63	44.6	1.95	51.19	73.58	1.07	19.22	0.47	52.99	83.02	3.44	24.59	0.49	15.88	43.65	4.11	5.52	1.22
29-03-2022	25.89	84.8	9.76	52.2	1.98	48.01	70.77	1.18	27.97	0.59	42.1	87.69	3.8	20.54	0.56	23.83	93.69	4.07	11.48	1.43
30-03-2022	24.38	89.88	9.75	56.2	1.89	55.4	67.47	0.9	23.13	0.36	55.44	78	3.37	23.92	0.44	22.86	69.24	4.16	13.92	1.35
31-03-2022	25.09	87.53	9.74	52.13	2.01	52.34	79.25	1.01	21.59	0.48	58.92	73.58	4.35	21.25	0.56	18.86	42.26	3.92	18.28	1.49

Analyser to PC communication
problem.

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

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

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