

o/c



JSW Steel Limited

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

October 23, 2019

JSWSL/ENV/MOEF&CC/2019

To

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

Sub: Submission of Six Monthly Environmental Monitoring Reports for Integrated Steel Plant for the Period of April 2019 to September 2019.

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

Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2019 to September 2019 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,

Vitthal M Waghchaure
General Manager (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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JSW STEEL LIMITED
GEETAPURAM, DOLVI, TAL.- PEN, DIST.- RAIGAD, PIN - 402 107

SPONGE IRON PLANT

COOLING TOWER BLOWDOWN WATER ANALYSIS REPORT

Sr. No.	PARAMETERS	UNIT	VALUES					
			Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Chromium	mg/l	0.0014	0.0019	0.0014	0.0017	0.0019	0.0014
2	Zinc	mg/l	0.099	0.096	0.099	0.099	0.096	0.100
3	Phosphate	mg/l	0.98	0.95	0.89	0.98	0.92	1.01
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil


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



Checked By
V. M. Waghchaure
General Manager (Environment)


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

SPONGE IRON PLANT

SIX MONTHLY TREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Temperature	°C	27.10	27.20	27.00	27.10	27.05	27.10
2	pH	-	7.20	7.31	7.30	7.24	7.25	7.30
3	D.O.	mg/l	5.30	5.40	5.31	5.30	5.32	5.35
4	T.D.S.	mg/l	245.00	238.00	249.00	247.20	253.00	260.00
5	T.S.S.	mg/l	18.00	18.10	18.40	18.32	18.06	18.13
6	C.O.D.	mg/l	32.10	27.90	28.50	28.86	28.00	25.36
7	B.O.D.	mg/l	7.10	7.10	7.00	7.15	7.13	6.88
8	Oil & Grease	mg/l	2.80	3.00	2.90	2.80	3.10	3.00
9	Iron	mg/l	0.32	0.32	0.34	0.31	0.31	0.30
10	Chlorides	mg/l	53.98	52.48	54.98	57.37	52.48	49.98
11	Sulphates	mg/l	2.33	2.32	2.30	2.23	2.19	2.25
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	27.00	27.20	27.20	27.10


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

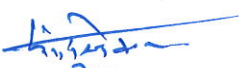

Checked By
V. M. Waghchaure
General Manager (Environment)


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

SPONGE IRON PLANT

SIX MONTHLY UNTREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Temperature	°C	57.20	57.20	57.40	57.44	57.45	57.20
2	pH	-	8.10	8.21	8.22	8.20	8.15	8.10
3	D.O.	mg/l	2.20	2.20	2.20	2.26	2.27	2.25
4	T.D.S.	mg/l	454.00	475.00	472.70	474.40	466.00	474.00
5	T.S.S.	mg/l	561.40	557.40	564.70	561.08	552.60	554.00
6	C.O.D.	mg/l	37.50	31.80	37.40	41.69	41.33	36.04
7	B.O.D.	mg/l	7.90	7.80	7.50	7.75	7.63	7.38
8	Oil & Grease	mg/l	4.60	4.20	4.50	4.00	4.21	4.20
9	Iron	mg/l	1.29	1.27	1.29	1.28	1.27	1.23
10	Chlorides	mg/l	157.45	147.45	155.00	154.34	152.45	152.50
11	Sulphates	mg/l	3.19	3.09	3.14	3.17	3.18	3.20


Prepared By
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V. M. Waghchaure
General Manager (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	Hot Strip Mill Plant											
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	01/04/2019 10:32Hrs	9329.00	19.96	18.84	<1	<1	NA
						17/05/2019 12:15Hrs	10191.00	14.93	13.91	<1	<1	NA
						01/06/2019 10:22Hrs	7931.00	19.41	10.97	3.92	<1	NA
						01/07/2019 12:02Hrs	6094.00	19.61	23.42	<1	<1	NA
						09/08/2019 12:20Hrs	9460.00	18.56	47.84	<1	<1	NA
						07/09/2019 10:53Hrs	8383.00	10.41	2.35	<1	<1	NA
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	01/04/2019 12:02Hrs	9329.00	16.22	11.34	1.18	<1	NA
						17/05/2019 15:00Hrs	10191.00	13.97	14.25	1.18	<1	NA
						03/06/2019 11:55Hrs	7665.00	9.35	17.71	4.42	<1	NA
						12/07/2019 14:03Hrs	8699.00	9.22	21.14	<1	<1	NA
						10/08/2019 16:15Hrs	8398.00	7.24	19.46	<1	1.84	NA
						13/09/2019 10:56Hrs	7857.00	9.51	22.73	<1	<1	NA
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	01/04/2019 14:42Hrs	9329.00	14.26	28.22	<1	<1	NA
						17/05/2019 10:12Hrs	10191.00	16.22	11.23	<1	<1	NA
						06/06/2019 15:00Hrs	9094.00	13.30	10.00	<1	<1	NA
						12/07/2019 11:03Hrs	8699.00	13.47	4.11	<1	<1	NA
						09/08/2019 15:26Hrs	9460.00	14.25	4.40	<1	<1	NA
						11/09/2019 09:06Hrs	8060.00	14.88	4.40	<1	<1	NA
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	02/04/2019 10:22Hrs	8553.00	13.26	5.57	216.1	44.55	NA
						24/05/2019 11:00Hrs	8676.00	13.82	5.65	9.5	11.14	NA
						08/06/2019 10:30Hrs	8728.00	13.56	5.64	12.4	6.99	NA
						22/07/2019 11:45Hrs	9352.00	12.26	3.56	166.8	108.24	NA
						06/08/2019 11:45Hrs	8279.00	13.66	3.61	263.5	122.40	NA
						03/09/2019 10:00Hrs	5538.00	13.25	3.88	150.1	10.63	NA

Prepared By 
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 Asst. Manager (Environment)

Checked By 
 V.M. Waghchaure
 GM (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	02/04/2019 10:15Hrs	8553.0	14.58	4.28	4.7	13.92	NA
						13/05/2019 11:00Hrs	9428.0	14.41	3.84	66.7	66.47	NA
						06/06/2019 14:15Hrs	9094.0	19.15	3.46	247.2	56.01	NA
						25/07/2019 09:35Hrs	8738.0	13.49	8.53	23.0	66.73	NA
						07/08/2019 11:48Hrs	9460.0	12.88	7.58	322.0	303.90	NA
						19/09/2019 16:00Hrs	9296.0	14.26	9.99	327.5	59.26	NA
						02/04/2019 15:45Hrs	8553.0	12.09	5.48	64.8	17.73	NA
						23/05/2019 11:00Hrs	9032.0	15.07	5.45	57.6	16.12	NA
						18/06/2019 12:00Hrs	9318.0	13.66	5.44	96.5	16.35	NA
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	11/07/2019 14:45Hrs	7599.0	12.52	5.55	255.2	33.29	NA
						07/08/2019 11:15Hrs	9460.0	13.69	5.90	336.1	110.25	NA
						19/09/2019 13:30Hrs	9296.0	14.82	6.56	153.4	129.43	NA
						03/04/2019 14:00Hrs	6997.0	13.49	5.82	203.1	38.84	NA
						23/05/2019 14:40Hrs	9032.0	14.84	6.25	0.0	23.84	NA
						06/06/2019 10:30Hrs	9094.0	18.81	6.26	<1	36.32	NA
						25/07/2019 11:13Hrs	8738.0	13.32	7.52	11.2	38.22	NA
						07/08/2019 12:18Hrs	9460.0	12.45	8.23	377.0	148.80	NA
						19/09/2019 15:15Hrs	9296.0	12.44	7.13	375.4	66.65	NA
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	Under maintenance						
						29/05/2019 10:30Hrs	171.0	9.22	8.19	6.5	10.60	NA
						06/06/2019 10:30Hrs	9094.0	18.81	6.26	<1	36.32	NA
						20/07/2019 10:32Hrs	8.08	14.22	10.58	10.2	23.2	NA
						06/08/2019 10:57Hrs	228.0	13.44	11.25	39.0	78.90	NA
						20/09/2019 10:46Hrs	9.0	12.32	10.12	346.0	303.50	NA
						03/04/2019 15:36Hrs	6997.0	13.26	38.19	NA	NA	NA
						28/05/2019 15:40Hrs	9066.0	13.27	32.58	NA	NA	NA
						19/06/2019 10:40Hrs	9223.0	13.24	42.18	NA	NA	NA
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	11/07/2019 10:10Hrs	7599.0	12.32	31.88	NA	NA	NA
						03/08/2019 10:11Hrs	5505.0	12.82	28.11	NA	NA	NA
						20/09/2019 12:28Hrs	9361.0	13.26	34.38	NA	NA	NA
						CPCB Norms						

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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	NO _x

Plant Capacity: 0.44 MTPA

Due to rainy season operation is not required due to high moisture in raw material.												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	16/04/2019 11:21Hrs 01/05/2019 15:36Hrs	584.0 543.0	12.35 12.24	9.26 22.18	NA NA	NA NA	
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	18/04/2019 10:16Hrs 01/05/2019 10:14Hrs 13/06/2019 16:42Hrs 05/07/2019 10:37Hrs 06/08/2019 10:06Hrs 20/09/2019 14:10Hrs	218.0 273.0 218.0 258.0 261.0 232.0	17.23 16.29 20.75 19.86 16.67 18.24	5.53 5.45 4.74 10.12 8.04 3.18	0.1 <1.0 1.7 10.20 14.50 <1	79.53 88.1 23.90 24.59 60.34 46.03	NA NA 53.8 25.72 37.82 37.44
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	18/04/2019 11:25Hrs 01/05/2019 11:29Hrs 03/06/2019 12:34Hrs 02/07/2019 15:38Hrs 01/08/2019 09:05Hrs 21/09/2019 09:17Hrs	268.0 270.0 250.0 159.4 228.0 232.0	16.81 15.52 16.43 12.40 18.23 17.31	10.09 11.62 11.70 19.68 11.57 4.48	11.1 9.77 9.3 10.1 10.1 7.4	82.89 55.4 91.43 61.77 106.19 62.16	NA NA 111.6 NA 97.7 72.2
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	19/04/2019 10:05Hrs 02/05/2019 15:35Hrs 13/06/2019 10:11Hrs 03/07/2019 10:28Hrs 05/08/2019 10:05Hrs 04/09/2019 11:42Hrs	569.0 531.0 454.0 169.0 413.0 365.0	13.24 14.18 12.25 12.18 12.24 11.84	32.14 35.29 25.78 12.32 16.56 19.77	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA



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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	19/04/2019 15:35Hrs 02/05/2019 11:26Hrs	546.0 470.0	12.11 13.11	15.48 24.12	NA NA	NA NA	NA NA
Due to rainy season operation is not required due to high moisture in raw material.												
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	18/04/2019 12:46Hrs 10/05/2019 10:22Hrs 06/06/2019 15:14Hrs 01/07/2019 09:29Hrs 08/08/2019 09:54Hrs 07/09/2019 12:20Hrs	477.0 525.0 525.0 421.0 539.0 414.0	14.45 17.12 14.65 13.76 14.78 13.26	8.81 10.33 11.12 10.64 19.45 8.88	10.5 <1 <1 5.6 6.8 NA	22.60 <1 <1 12.31 14.58 NA	NA NA NA 0.0 NA NA
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	18/04/2019 15:42Hrs 10/05/2019 12:29Hrs 13/06/2019 11:56Hrs 03/07/2019 15:05Hrs 05/08/2019 11:43Hrs 05/09/2019 15:35Hrs	477.0 525.0 479.0 213.0 418.0 387.0	14.42 12.29 12.39 13.58 13.58 12.63	25.49 32.18 22.88 18.57 18.22 18.22	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
								CPCB Norms				
								<100	NA	100	NA	

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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	NO _x	CO
Plant Capacity: 2.0 MTPA												
III Sponge Iron Plant												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	09/04/2019 10:22Hrs 10/05/2019 15:32Hrs 06/06/2019 16:15Hrs 03/07/2019 13:00Hrs 13/08/2019 15:15Hrs 09/09/2019 16:15Hrs	4378.0 1916.0 4296.0 3000.0 3813.0 3092.0	38.2 43.2 45.1 15.2 16.5 15.9	5.60 10.18 2.02 3.75 3.77 6.50	0.4 0.3 1.5 0.4 0.1 0.1	1.7 0.8 0.2 35.4 22.2 18.9	NA 0.5 0.6 30.2 21.6 NA
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	09/04/2019 12:11Hrs 06/05/2019 12:30Hrs 17/06/2019 15:15Hrs 06/07/2019 09:45Hrs 19/08/2019 09:45Hrs 16/09/2019 12:45Hrs	4378.0 4299.0 4324.0 2700.0 3838.0 3177.0	13.28 11.62 14.23 13.1 12.1 11.2	14.70 15.43 8.91 14.28 27.15 8.56	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
3	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	10/04/2019 10:35Hrs 07/05/2019 12:00Hrs 25/06/2019 10:45Hrs 10/07/2019 10:00Hrs 05/09/2019 12:15Hrs 05/09/2019 12:15Hrs	4330.0 4160.0 4319 2641.0 3130.0 3130.0	14.2 12.1 12.29 12.5 11.06 11.06	9.45 8.90 15.99 8.90 14.20 14.20	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
4	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	07/05/2019 14:00Hrs 06/07/2019 13:45Hrs 02/08/2019 10:45Hrs 10/09/2019 14:45Hrs	4160 2700 3768.0 3200.0	12 14.19 13.16 12.33	30 16.02 15.99 16.01	NA NA NA NA	NA NA NA NA	NA NA NA NA
under maintenance												
Under Maintenance												



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Asst. Manager (Environment)




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GM (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	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	10/04/2019 12:08Hrs	4330.00	13.44	1.22	NA	NA	NA
						06/05/2019 10:00Hrs	4299.00	11.47	1.46	NA	NA	NA
						25/06/2019 12:29Hrs	4319.00	13.42	25.19	NA	NA	NA
						02/07/2019 10:00Hrs	3637.0	12.6	1.61	NA	NA	NA
						10/08/2019 14:45Hrs	3838.0	12.4	8.93	NA	NA	NA
						06/09/2019 11:45Hrs	3238.0	12.5	16.08	NA	NA	NA
						09/04/2019 15:36Hrs	4378.00	12.82	27.26	NA	NA	NA
						07/05/2019 11:00Hrs	4160.0	13.5	10.23	NA	NA	NA
						12/06/2019 11:50Hrs	1888.0	12.3	28.18	NA	NA	NA
						02/07/2019 14:15Hrs	3637.0	12.4	15.21	NA	NA	NA
6	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	01/08/2019 12:45Hrs	3752.00	13.02	28.74	NA	NA	NA
						10/09/2019 10:30Hrs	3200.0	12.3	32.22	NA	NA	NA
						CPCB Norms		< 50	40.50	NA	NA	10000

Plant Capacity: 3.5 MTPA

IV Blast Furnace Plant												
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters	16/04/2019 10:33Hrs	9371.0	13.3	22.2	NA	NA	NA
						03/05/2019 11:30Hrs	9606.0	13.0	37.3	NA	NA	NA
						14/06/2019 14:18Hrs	9400.0	13.6	28.8	NA	NA	NA
						17/07/2019 11:05Hrs	8515.0	13.6	29.3	NA	NA	NA
						12/08/2019 15:48Hrs	4313.0	13.9	32.1	NA	NA	NA
						12/09/2019 11:55Hrs	7028.0	14.3	34.8	NA	NA	NA
						25/04/2019 11:10Hrs	8460.0	6.9	19.9	NA	NA	NA
						03/05/2019 11:30Hrs	9606.0	13.0	37.3	NA	NA	NA
						14/06/2019 14:18Hrs	9400.0	13.6	28.8	NA	NA	NA
						13/07/2019 14:25Hrs	8591.0	6.5	24.4	NA	NA	NA
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	16/08/2019 11:30Hrs	7136.0	4.9	28.6	NA	NA	NA
						13/09/2019 11:49Hrs	7008.0	14.0	5.3	NA	NA	NA

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GM (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³								
									Particulate Matter (PM)	SO ₂	NOx	CO					
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	17/04/2019 12:28Hrs	9529.00	17.42	10.11	NA	NA	NA	NA				
						18/05/2019 15:38Hrs	8085.00	17.29	6.32	NA	NA	NA	NA				
						15/06/2019 16:48Hrs	9395.00	15.11	7.35	NA	NA	NA	NA				
						09/07/2019 14:42Hrs	5956.0	15.5	6.1	NA	NA	NA	NA				
						02/08/2019 12:28Hrs	8374.0	14.7	6.2	NA	NA	NA	NA				
						10/09/2019 16:54Hrs	7010.0	15.7	5.4	14.51	43.57	0.00	0.00				
						27/04/2019 15:43Hrs	5413	13.26	5.75	NA	NA	NA	NA				
						18/05/2019 11:52Hrs	8085.0	17.2	5.8	NA	NA	NA	NA				
						15/06/2019 16:48Hrs	9395.0	11.1	5.5	NA	NA	NA	NA				
						13/07/2019 14:25Hrs	8591	11.48	5.41	NA	NA	NA	NA				
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	20/08/2019 16:08Hrs	5269.0	12.8	11.8	NA	NA	NA	NA				
						17/09/2019 15:47Hrs	7776.0	12.9	11.8	NA	NA	NA	NA				
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	17/04/2019 10:19Hrs	6.0	16.4	15.1	14.00	22.20	NA	NA				
						27/05/2019 10:00Hrs	80.0	16.4	9.2	12.00	21.20	NA	NA				
						19/06/2019 14:35Hrs	8.0	14.2	11.2	6.50	12.30	NA	NA				
						20/07/2019 12:14Hrs	51.0	12.3	10.2	8.50	12.60	NA	NA				
						21/08/2019 11:18Hrs	170.0	12.1	14.3	NA	NA	NA	NA				
						20/09/2019 11:35Hrs	5.9	13.9	17.1	32.00	74.10	0.00	0.00				
						CPCB Norms								<50	250.0	150	10000


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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

Plant Capacity: 2.8 MTPA													
V	Sinter Plant - I												
1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	13/04/2019 10:28Hrs	7074.0	12.03	32.62	NA	NA	NA	NA
						04/05/2019 10:29Hrs	7200.0	14.22	32.56	NA	NA	NA	NA
						15/06/2019 10:17Hrs	6240.0	13.59	33.72	NA	NA	NA	NA
						22/07/2019 10:11Hrs	6664.0	14.77	28.26	NA	NA	NA	NA
						13/08/2019 10:15Hrs	5019.0	13.26	26.52	NA	NA	NA	NA
						27/09/2019 10:06Hrs	4147.0	14.22	20.92	NA	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	13/04/2019 11:55Hrs	7074.0	13.56	33.21	NA	NA	NA	NA
						04/05/2019 12:19Hrs	7200.0	15.17	41.18	NA	NA	NA	NA
						15/06/2019 12:05Hrs	6240.0	14.49	29.28	NA	NA	NA	NA
						22/07/2019 12:13Hrs	6664.0	12.66	24.75	NA	NA	NA	NA
						13/08/2019 12:25Hrs	5019.0	12.11	22.91	NA	NA	NA	NA
						27/09/2019 12:19Hrs	4147.0	13.63	29.77	NA	NA	NA	NA
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	13/04/2019 15:50Hrs	7074.0	16.33	39.23	NA	NA	NA	NA
						04/05/2019 11:32Hrs	7200.0	15.42	40.23	NA	NA	NA	NA
						15/06/2019 15:32Hrs	6240.0	14.58	38.56	NA	NA	NA	NA
						22/07/2019 15:20Hrs	6664.0	13.09	31.11	NA	NA	NA	NA
						16/08/2019 14:11Hrs	5282.0	14.52	35.58	NA	NA	NA	NA
						27/09/2019 16:35Hrs	4147.0	14.69	30.52	NA	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	15/04/2019 11:24Hrs	7008	19.10	42.21	22.0	83.4	23.1	25.6
						09/05/2019 11:36Hrs	2869.0	17.33	21.95	8.52	117.07	21.06	12.36
						14/06/2019 11:30Hrs	7456.0	17.05	43.44	120.74	166.77	2.5	2.76
						10/07/2019 10:47Hrs	4841	14.02	55.33	10.5	2.5	2.76	25.6
						05/08/2019 14:31Hrs	4644.0	16.53	43.67	21.06	2.76	25.6	NA
						09/09/2019 11:17Hrs	3983.0	13.88	20.55	22.30	12.36	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	
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	15/04/2019 16:04Hrs 09/05/2019 12:05Hrs 06/06/2019 12:19Hrs 17/07/2019 15:32Hrs 16/08/2019 16:23Hrs 16/09/2019 16:02Hrs	7008.0 2869.0 7087.0 5897.0 5282.0 4790.0	17.24 17.23 15.72 16.71 15.58 16.11	36.21 42.43 32.23 31.88 38.11 45.11	<1 NA NA NA NA NA	<1 NA NA NA NA NA	<1 NA NA NA NA NA	NA NA NA NA NA NA
CPCB Norms									<150	NA	NA	NA	NA

Plant Capacity: 2.5 MTPA

VI Sinter Plant -II

1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	08/04/2019 10:34Hrs 22/05/2019 15:15Hrs 07/06/2019 12:23Hrs 06/07/2019 12:18Hrs 02/08/2019 16:13Hrs 17/09/2019 10:07Hrs	2481.0 6486.0 6913.0 2869.0 7112.0 5725.0	12.5 18.6 14.0 16.6 10.6 11.8	9.9 21.7 20.8 15.2 11.7 58.6	<1 79.4 121.8 75.1 194.8 40.0	8.7 61.9 83.9 1.8 93.2 3.6	NA NA NA 24.1 29.0 27.8
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	08/04/2019 11:54Hrs 08/05/2019 11:00Hrs 07/06/2019 10:10Hrs 23/07/2019 10:00Hrs 14/08/2019 10:03Hrs 21/09/2019 14:27Hrs	2481.0 7206.0 6913.0 6905.0 4591.0 6915.0	13.1 12.6 12.5 11.6 12.1 11.1	13.2 13.8 10.3 11.2 10.2 12.5	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	20/04/2019 11:44Hrs 16/05/2019 12:00Hrs 18/06/2019 10:00Hrs 24/07/2019 14:20Hrs 17/08/2019 11:46Hrs 24/09/2019 16:32Hrs	6975.0 7560.0 7499.0 6123.0 6453.0 8518.0	13.4 12.6 12.5 12.5 12.4 11.6	36.2 25.1 35.4 29.4 24.7 28.7	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/N.m ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	20/04/2019 14:17Hrs 25/05/2019 16:00Hrs 18/06/2019 11:36Hrs 25/07/2019 10:45Hrs 09/08/2019 10:22Hrs 25/09/2019 15:42Hrs	6975.0 6892.0 7499.0 5919.0 7368.0 5614.0	12.1 14.2 11.8 11.3 13.9 12.5	13.5 30.6 13.6 12.6 12.1 15.2	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	08/04/2019 16:11Hrs 22/05/2019 10:50Hrs 17/06/2019 10:45Hrs 23/07/2019 15:51Hrs 14/08/2019 15:48Hrs 24/09/2019 10:12Hrs	2481.0 6486.0 7413.0 6905.0 4591.0 8518.0	12.3 13.4 13.3 12.6 13.2 12.4	32.4 25.8 31.2 22.2 24.5 26.2	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	20/04/2019 10:28Hrs 13/05/2019 11:00Hrs 17/06/2019 12:26Hrs 24/07/2019 11:11Hrs 17/08/2019 10:00Hrs 24/09/2019 12:08Hrs	6975.0 7861.0 7413.0 6123.0 6453.0 8518.0	13.2 13.1 12.8 13.3 12.6 11.8	39.2 16.8 38.2 26.6 29.2 32.2	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	20/04/2019 16:08Hrs 22/05/2019 16:00Hrs 24/06/2019 14:42Hrs 25/07/2019 12:10Hrs 09/08/2019 16:19Hrs 26/09/2019 11:13Hrs	6975.0 6486.0 6326.0 6326.0 7368.0 5865.0	12.5 14.5 12.3 11.7 12.2 11.7	19.1 23.6 15.7 16.8 18.2 22.1	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA



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

8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	08/04/2019 14:04Hrs 12/05/2019 13:00Hrs 07/06/2019 14:29Hrs 23/07/2019 11:47Hrs 14/08/2019 12:11Hrs 21/09/2019 16:22Hrs	2481.0 7617.0 6913.0 6905.0 4591.0 6915.0	12.3 13.9 12.2 12.4 11.3 12.3	25.8 18.0 24.4 17.4 15.6 17.3	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
CPCB Norms									<50	NA	NA	NA

VII Captive Power Plant (55 MW)

1	Boiler Stack	Boiler	40	5.0	Blower	04/04/2019 15:44Hrs 25/05/2019 10:38Hrs 29/06/2019 15:15Hrs 04/07/2019 10:45Hrs 01/08/2019 11:00Hrs 03/09/2019 09:45Hrs	51.91 54 54.0 53 53 53.0	15.5 17.5 14.60 14.3 14.3 16.88	4.1 <1.0 0.08 1.5 0.5 1.28	0.09 NA 0.0 <1 <1 0.0	51.49 127.53 51.0 121.01 279.58 14.7	NA NA 70.8 110.96 447.22 18.4
CPCB Norms									<150	NA	NA	NA

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

1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	06/04/2019 15:28Hrs 25/05/2019 12:42Hrs 15/06/2019 16:21Hrs 25/07/2019 14:50Hrs 02/08/2019 12:00Hrs 07/09/2019 13:31Hrs	4224 2257.0 4185.0 3078 4128.0 587.0	8.02 17.48 7.28 16.48 8.55 16.53	1.48 3.81 3.82 18.12 3.95 4.77	200.0 27.5 28.04 NA 49.4 51.95	NA <1 14.33 NA 16.2 22.3	NA NA 18.75 NA 17.7 10.06
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	05/04/2019 11:26Hrs 25/05/2019 10:38Hrs 16/06/2019 12:32Hrs 04/07/2019 08:27Hrs 17/08/2019 14:21Hrs 10/09/2019 11:24Hrs	1059.0 3231.0 2630.0 1386.0 3376.0 1819.0	16.23 17.19 1.65 14.85 4.80 16.53	19.24 9.50 9.14 4.98 5.98 4.77	137.56 54.0 216.8 98.93 42.4 51.95	66.33 52.0 145.1 25.99 13.4 22.3	NA 8.2 13.9 9.72 60.7 10.06
CPCB Norms									<50	NA	NA	NA



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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	18-04-2019	1628.22	1.56	17.88
		03-05-2019	1183.49	1.84	18.65
		13-06-2019	707.04	1.42	12.54
		10-07-2019	562.59	1.56	15.42
		06-08-2019	570.00	1.94	13.57
		14-09-2019	1159.88	1.56	15.42
2	Near Raw Material Feeding Area	18-04-2019	1048.39	2.37	16.03
		03-05-2019	1338.43	1.94	15.42
		13-06-2019	603.80	1.54	18.45
		10-07-2019	567.93	1.42	12.65
		06-08-2019	811.93	2.59	16.03
		14-09-2019	832.77	2.37	15.42
3	Near Raw Material Screen Area	18-04-2019	1767.41	3.02	20.35
		03-05-2019	1031.97	2.59	19.11
		13-06-2019	741.48	2.54	14.85
		10-07-2019	556.11	2.13	12.34
		06-08-2019	474.13	2.37	17.88
		14-09-2019	736.17	3.02	19.11
4	Near Raw Material Silo	18-04-2019	769.55	2.81	16.03
		03-05-2019	1629.24	2.59	15.42
		13-06-2019	531.85	2.59	14.21
		10-07-2019	448.19	3.62	11.26
		06-08-2019	602.13	2.21	14.18
		14-09-2019	545.74	1.94	15.42
5	Near Furnace Area	19-04-2019	1226.61	3.24	14.80
		02-05-2019	943.60	2.37	13.57
		13-06-2019	665.76	2.15	14.52
		11-07-2019	528.52	2.63	12.32
		07-08-2019	766.48	3.24	16.03
		16-09-2019	572.41	2.59	13.57
6	Near Product Screen House	19-04-2019	1574.40	2.81	17.27
		02-05-2019	1153.18	2.59	15.65
		13-06-2019	703.41	2.45	18.25
		11/07/2019	894.70	2.12	14.54
		07-08-2019	601.87	3.02	18.50
		16-09-2019	1394.84	2.59	16.54
7	Near Product Silo	19-04-2019	1645.39	2.37	24.05
		02-05-2019	1031.82	2.16	17.27
		13-06-2019	1672.22	2.26	14.56
		11-07-2019	370.37	1.92	15.35
		07-08-2019	322.10	2.37	15.42
		16-09-2019	459.60	1.51	17.27
8	Loading Point	19-04-2019	1713.24	2.59	16.03
		02-05-2019	1026.76	1.94	19.73
		14-06-2019	1740.22	1.94	19.73
		11-07-2019	488.04	1.94	19.73
		07-08-2019	1116.29	1.94	18.50
		16-09-2019	709.47	2.37	19.73


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B) Hot Strip Mill Plant

1	Near Gas Cleaning Plant Stack - I Control Room	02/04/2019	1247.51	2.37	14.18
		27-05-2019	1257.31	2.21	15.65
		10-06-2019	617.78	2.35	12.65
		08-07-2019	563.59	2.65	18.54
		05-08-2019	802.84	3.02	12.95
		10-09-2019	828.89	2.37	13.57
2	Near Gas Cleaning Plant Stack - II Control Room	02-04-2019	1474.40	3.45	16.03
		27-05-2019	742.71	3.02	16.03
		10-06-2019	664.96	3.21	18.54
		08-07-2019	518.66	3.33	17.45
		05-08-2019	958.87	2.37	14.18
3	Near Electric Arc Furnace Shell No. 1 & 2	02-04-2019	2549.46	4.10	25.28
		28/05/2019	2802.72	5.40	32.06
		10-06-2019	1169.38	6.20	26.56
		08-07-2019	944.02	4.53	28.56
		05-08-2019	1266.30	5.20	25.28
4	Near Electric Arc Furnace Shell No. 3 & 4	11-09-2019	2813.84	5.62	32.10
		02-04-2019	2457.12	5.61	38.85
		28-05-2019	2198.94	6.04	43.78
		10-06-2019	1116.86	5.58	42.21
		08-07-2019	852.08	3.65	32.21
5	Near Caster Control Room	05-08-2019	1160.61	5.18	38.23
		11-09-2019	2811.12	6.26	43.78
		03-04-2019	1157.73	3.24	25.90
		27-05-2019	966.08	3.45	22.20
		10-06-2019	924.07	3.25	29.54
		09-07-2019	921.21	3.12	23.65
6	Near Mould & Segment Repair Shop	06-08-2019	939.89	2.37	20.35
		12-09-2019	1632.08	3.02	22.20
		03-04-2019	1180.91	3.24	14.18
		27-05-2019	654.32	2.81	15.42
		10-06-2019	596.01	2.78	16.45
		09-07-2019	455.25	2.61	14.25
7	Mill Area	06-08-2019	610.37	3.45	13.57
		10-09-2019	686.36	2.59	15.42
		03-04-2019	721.28	2.81	12.95
		28-05-2019	685.57	3.26	15.45
		10-06-2019	532.97	2.65	14.87
		09-07-2019	488.59	2.16	11.72
06-08-2019	850.57	3.24	16.03		
12-09-2019	812.50	2.37	11.72		

C) Lime Calcining Plant

1	Near Kiln I & II Lime Dedusting System Area	09-04-2019	2606.99	3.45	16.03
		06-05-2019	1713.43	3.24	17.27
		14-06-2019	776.52	3.21	16.32
		12-07-2019	703.03	3.12	18.54
		08-08-2019	595.93	3.02	14.80
		18/09/2019	503.80	2.37	17.27
2	Near Product Storage & Quick Lime Building	09-04-2019	648.25	3.88	19.12
		06-05-2019	818.48	3.67	18.45
		14-06-2019	664.44	3.65	14.56
		12-07-2019	615.74	3.21	19.73
		08-08-2019	528.30	3.45	18.50
		13-09-2019	1508.96	3.88	19.73



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D) Blast Furnace					
1	Near Stock House	12-04-2019	2270.42	4.10	17.27
		10/05/2019	2653.40	3.88	18.54
		17-06-2019	2351.19	3.65	16.54
		13-07-2019	798.30	4.02	14.52
		14-08-2019	1302.13	2.59	16.03
		17-09-2019	1157.95	4.53	17.27
2	Near Stove Area	12-04-2019	1118.37	3.88	20.35
		08-05-2019	1123.79	3.67	22.20
		17-06-2019	443.12	3.45	21.47
		13-07-2019	712.22	3.44	20.15
		14-08-2019	825.74	3.24	19.73
		17-09-2019	635.19	3.24	22.20
3	Near Cast House (East)	12-04-2019	2587.60	4.53	29.60
		08-05-2019	1205.95	4.10	35.77
		17-06-2019	1386.90	4.15	35.54
		13-07-2019	1049.21	4.88	32.11
		14-08-2019	1263.59	3.88	27.75
		17-09-2019	2406.46	4.53	35.77
4	Near Cast House (West)	12-04-2019	1665.53	4.75	38.85
		08-05-2019	1137.04	4.96	42.55
		17-06-2019	1182.58	4.56	35.62
		13-07-2019	1367.86	4.22	32.65
		14-08-2019	1079.63	4.53	40.70
		18-09-2019	1564.77	5.18	42.55
5	Near Slag Granulation Plant	13-04-2019	1497.10	4.10	27.13
		11-05-2019	1270.67	3.67	25.90
		17-06-2019	285.37	3.21	22.30
		15-07-2019	146.74	3.33	26.32
		16-08-2019	715.96	3.02	25.28
		18/09/2019	529.17	3.24	25.90
6	Near Pig Casting Machine -I	13-04-2019	1964.96	3.45	17.88
		10-05-2019	864.58	3.02	15.42
		17-06-2019	390.25	3.12	16.25
		15-07-2019	497.96	3.22	14.65
		16-08-2019	685.80	2.37	17.88
		18-09-2019	503.80	2.37	17.27
7	Near Pig Casting Machine -II	13-04-2019	1622.78	3.88	19.73
		10-05-2019	1164.35	2.81	17.27
		17-06-2019	535.00	2.18	14.56
		15-07-2019	327.78	2.81	16.52
		16-08-2019	682.09	2.16	16.03
E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	11-04-2019	1621.58	6.91	13.57
		23-05-2019	979.17	6.47	11.10
		15-06-2019	817.41	6.22	12.54
		17-07-2019	878.98	5.22	12.44
		09-08-2019	1194.32	4.75	11.72
		19-09-2019	1142.23	1.08	11.10
2	Near Flux Screening & Coal Crushing House	11-04-2019	1151.61	9.06	12.95
		23-05-2019	1152.38	8.63	14.18
		15-06-2019	1532.01	8.45	12.54
		17-07-2019	1095.24	7.54	16.54
		09-08-2019	984.04	6.91	12.95
		19-09-2019	1208.33	3.45	14.18





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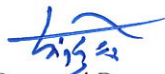
3	Near Proportioning House	11-04-2019	1134.94	4.96	12.33
		23-05-2019	1002.47	4.32	11.72
		15-06-2019	876.85	4.66	14.56
		17-07-2019	1474.22	4.55	12.32
		09-08-2019	1395.45	4.88	12.95
		19-09-2019	2153.77	3.02	11.72
4	Near Sintering House	11-04-2019	942.96	4.10	12.95
		23-05-2019	827.38	3.24	16.65
		15-06-2019	663.04	3.65	15.45
		17-07-2019	520.93	3.99	11.54
		12-08-2019	781.85	2.59	16.03
5	Near Product Screen House	20-09-2019	533.33	3.02	16.65
		13-04-2019	1862.95	4.53	14.18
		24-05-2019	1249.07	3.02	13.57
		15-06-2019	1449.21	3.21	18.54
		18-07-2019	1327.78	3.32	14.56
		09-08-2019	1498.01	2.37	14.18
E) Sinter Plant-II					
1	Near Crushing Bldg.	20-04-2019	1124.26	2.59	14.18
		22-05-2019	1632.87	3.02	12.33
		18-06-2019	949.62	3.65	14.56
		18-07-2019	750.37	3.21	18.62
		10-08-2019	1023.73	2.59	16.03
		20-09-2019	1611.46	3.24	12.33
2	Near Mixing & Nodulizer Area	20-04-2019	2490.20	3.45	17.88
		22-05-2019	2286.27	2.37	12.33
		18-06-2019	1433.90	3.65	14.56
		19-07-2019	1115.53	3.22	12.65
		13-08-2019	1271.21	4.75	12.95
3	Near Sintering Machine	21-09-2019	2299.21	4.10	12.33
		20-04-2019	1760.45	3.88	17.27
		22-05-2019	713.54	3.45	15.42
		18-06-2019	585.93	3.65	14.56
		19-07-2019	543.84	3.88	16.25
		13-08-2019	843.37	2.37	14.18
4	Near Sintering House	21-09-2019	727.96	3.67	15.42
		20-04-2019	1192.56	3.24	20.35
		21-05-2019	1059.26	2.37	11.10
		18-06-2019	815.19	2.66	16.54
		18-07-2019	965.91	2.99	18.56
		10-08-2019	1165.53	2.16	10.48
5	Near Raw Material Screen Bldg.	20-09-2019	1439.09	2.59	11.10
		22-04-2019	1763.99	2.59	13.57
		21-05-2019	1359.10	2.37	11.10
		18-06-2019	822.04	2.56	14.56
		18-07-2019	1009.09	2.44	12.56
		10-08-2019	1056.63	2.81	11.72
6	Near Product Screen Bldg.	23-09-2019	1105.19	2.59	11.10
		22-04-2019	808.03	3.88	17.27
		22-05-2019	1364.85	3.02	14.18
		18-06-2019	1245.27	3.26	18.56
		19-07-2019	1335.32	3.15	14.65
		10-08-2019	1242.64	2.59	13.57
		20-09-2019	2128.17	2.37	14.18


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F) BILLET CASTER					
1	Near Laddel Furnace Area	04-04-2019	2659.26	4.96	33.91
		29-05-2019	1804.48	5.18	37.61
		21/06/2019	1154.36	4.75	36.25
		20-07-2019	907.96	4.65	32.21
		16-08-2019	1163.64	4.75	34.53
		18-09-2019	808.14	4.96	37.61
2	Near Casting Floor (Control room) 10.6 m	04-04-2019	1136.36	3.88	25.90
		29-05-2019	1191.36	3.24	21.58
		21/06/2019	929.44	3.66	26.56
		20-07-2019	966.29	3.89	23.56
		17-08-2019	1109.85	3.02	24.66
		19-09-2019	1179.17	3.45	21.58
3	Near Billet Caster Torch Cutter Machine	03-04-2019	805.95	2.37	19.12
		29-05-2019	745.83	2.58	14.56
		21/06/2019	1031.48	2.47	18.96
		20-07-2019	1167.46	2.37	17.88
		17-08-2019	906.38	2.81	19.73
		20-09-2019	719.44	2.59	15.65

G) BAR MILL					
1	Near CP2 Furnace Mill Area	04-04-2019	797.22	3.88	23.43
		30-05-2019	771.21	3.45	15.42
		24-06-2019	693.18	3.66	16.98
		22-07-2019	513.04	3.12	14.56
		19-08-2019	979.35	3.02	13.57
		23-09-2019	269.20	3.24	15.42
2	Near Bed Cooling (zero meter) Mill Area	04-04-2019	555.86	4.96	19.73
		30/05/2019	820.52	3.45	21.58
		24-06-2019	999.26	3.65	22.56
		22-07-2019	690.00	3.85	24.56
		19-08-2019	811.17	2.37	16.03
		23-09-2019	748.89	3.88	21.58



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JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : APRIL, 2019


Location Date	Near Kasumata Temple			Near Coke Oven Plant			Near MSEB Substation				Near Goa Gate				Near Dolvi Village					
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX
01-04-2019	18.35	71.28	10.54	25.00					9.34	25.36	11.29	5.95	22.98	43.83	13.69	11.91	24.70	39.34	11.99	
02-04-2019	17.83	66.76	8.65	25.41					12.04	28.50	11.32	15.02	23.24	46.52	13.38	12.48	30.52	40.54	11.66	
03-04-2019	19.79	77.30	7.83	25.02					11.13	30.00	11.00	10.44	28.94	44.98	13.60	11.78	26.78	35.72	11.84	
04-04-2019	10.97	40.86	7.66	24.08					17.24	20.82	10.82	15.96	22.50	44.88	13.50	16.45	32.49	59.88	11.89	Under Maintenance
05-04-2019	19.00	55.83	8.82	21.49					9.62	18.58	10.91	21.80	24.94	53.87	13.60	16.59	28.74	36.01	12.05	
06-04-2019	20.11	70.26	9.93	20.98					10.05	32.52	11.02	34.14	24.34	43.26	13.64	23.21	31.20	35.21	11.99	
07-04-2019	16.47	60.70	9.62	22.52					22.65	53.87	12.12	42.91	23.16	43.44	13.70	22.61	22.51	33.82	11.69	
08-04-2019	12.42	38.42	7.80	25.63					16.47	48.54	10.84	32.16	20.94	37.05	13.81	21.98	27.65	30.10	11.98	
09-04-2019	18.56	71.35	9.68	22.74					10.24	23.99	10.23	23.46	26.11	50.91	13.78	21.46	21.24	30.67	11.84	
10-04-2019	15.09	52.13	8.03	23.84					12.96	36.39	10.58	33.97	25.80	57.67	13.60	28.45	22.73	37.90	11.51	11.51
11-04-2019	13.87	49.84	7.77	24.42					11.87	31.30	10.62	23.80	21.59	47.03	13.09	25.35	22.86	38.18	11.61	8.81
12-04-2019	14.20	46.68	8.93	21.88					11.61	31.75	10.27	21.88	24.78	60.10	12.92	25.88	27.09	47.37	11.58	8.83
13-04-2019	19.53	54.64	8.05	22.08					16.94	48.58	10.21	31.38	34.49	71.90	13.94	46.33	21.92	56.45	11.57	8.82
14-04-2019	16.77	44.99	7.84	24.79					18.50	42.85	10.57	32.43	29.70	70.88	13.83	33.45	18.71	40.37	11.67	8.82
15-04-2019	12.56	38.82	8.03	26.78					28.21	51.90	11.77	43.29	27.16	89.20	13.53	34.86	14.95	52.68	11.77	8.83
16-04-2019	11.02	33.80	8.22	23.03					Power supply problem				22.54	79.00	13.60	30.79	29.03	74.51	11.61	8.82
17-04-2019	9.91	41.04	7.72	23.28					26.48	49.05	13.13	23.48	12.76	42.27	13.34	21.59	24.27	35.23	11.09	8.83
18-04-2019	16.63	55.93	7.58	24.47					25.35	49.83	11.07	26.70	22.79	59.05	13.50	37.64	22.78	50.94	11.46	8.82
19-04-2019	15.71	40.39	7.50	22.22					14.48	40.67	10.96	23.12	28.79	74.91	13.30	51.02	22.59	61.11	11.74	8.82
20-04-2019	20.54	63.69	7.56	24.06	15.18				13.29	31.25	11.04	14.42	28.88	84.62	13.25	45.14	16.89	46.81	11.75	8.82
21-04-2019	13.88	47.94	8.50	26.25	16.40				10.28	31.89	10.64	13.73	25.85	41.97	13.19	46.09	12.01	31.75	11.72	8.82
22-04-2019	14.22	32.26	7.99	24.06	16.14				14.24	38.29	10.89	22.55	23.93	55.46	13.12	36.68	16.37	49.40	11.71	8.82
23-04-2019	13.29	43.05	7.60	24.15	13.89				12.32	39.63	10.75	27.66	23.75	60.26	13.11	35.20	18.65	45.18	11.49	8.82
24-04-2019	15.44	48.98	7.56	25.65	17.04				12.68	43.06	11.06	23.03	23.72	55.22	12.98	28.49	30.20	63.04	11.67	8.82
25-04-2019	15.88	60.84	7.67	25.92	31.35				12.46	41.32	10.34	30.11	18.23	48.29	12.97	32.00	43.39	59.48	12.11	8.81
26-04-2019	22.26	76.80	7.53	24.77	19.73				26.72	55.23	11.20	29.13	27.11	64.05	13.31	39.25	34.24	51.16	11.57	8.82
27-04-2019	27.93	78.95	8.95	24.50	19.72				16.48	52.78	11.47	15.39	25.57	76.54	13.36	42.74	18.77	57.34	11.46	8.82
28-04-2019	25.13	96.54	7.97	22.96	20.85				Maintenance	60.35	11.17	17.35	22.07	60.44	13.10	15.29	24.06	48.31	11.31	8.81
29-04-2019	20.10	92.35	9.29	25.72	17.25				20.80	10.19	3.45	19.20	19.20	63.56	13.16	22.81	17.25	44.18	11.43	8.82
30-04-2019	21.85	89.47	8.75	26.47	12.84				34.98	41.88	10.97	15.69	21.84	77.52	13.04	31.45	29.61	52.24	11.07	8.82

Not in operation due to structural work going on this area, so lan cable disconnected for safe practice.

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

Month	Day Time	Night Time
Apr-19	63.0	62.0
Standards	< 75	< 70

Prepared By 
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JSW STEEL LIMITED
 GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
 AMBIENT AIR QUALITY MONITORING REPORT
 MONTH : MAY, 2019

Location Date	Near Kasumata Temple				Near Coke Oven Plant				Near MSEB Substation				Near Goa Gate				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX
01-05-2019	19.23	75.96	8.50	27.46	13.60	0.55			7.57	24.42	9.92	2.97	16.88	62.82	13.08	21.50	32.47	76.32	11.35	8.82
02-05-2019	31.39	72.91	10.62	26.52	34.49	2.99			19.50	39.83	10.49	8.59	20.57	75.54	13.33	22.14	31.29	47.43	11.38	8.82
03-05-2019	21.30	78.44	10.10	21.08	15.54	1.52			11.27	26.11	10.18	16.87	20.11	66.45	13.33	23.55	23.69	47.84	11.30	8.83
04-05-2019	20.98	83.72	11.25	22.68	15.90	2.17			7.66	24.90	10.09	16.91	24.93	87.36	13.12	25.29	19.48	50.53	11.56	8.81
05-05-2019	18.03	70.53	10.12	24.17	15.90	0.68			9.82	28.44	10.07	1.05	16.81	60.97	13.21	21.17	22.59	39.15	11.61	8.80
06-05-2019	16.24	54.94	8.22	23.01	17.06	0.61			30.18	63.69	10.62	0.64	18.46	47.73	13.46	23.78	15.77	45.86	11.31	8.82
07-05-2019	13.03	43.23	8.04	24.90	15.05	0.65			26.69	44.20	10.74	0.20	19.09	52.25	13.35	30.75	15.01	40.75	11.45	8.80
08-05-2019	22.73	83.08	8.82	43.57	14.13	0.41			24.54	61.48	10.84	22.29	20.37	48.35	13.13	19.99	18.57	38.05	11.49	8.82
09-05-2019	18.38	61.15	8.05	27.60	13.50	0.41			31.51	76.58	12.84	23.85	12.27	44.02	13.29	25.11	15.34	36.27	11.55	8.82
10-05-2019	18.10	73.43	8.80	26.50	15.50	0.44			30.54	84.51	14.52	16.94	17.76	47.89	13.43	22.75	16.90	39.90	11.57	8.81
11-05-2019	13.63	52.98	7.83	28.16	15.38	3.04	Communication Problem		29.41	73.21	14.78	19.65	12.63	50.59	13.45	21.98	13.31	36.31	11.55	8.80
12-05-2019	13.69	37.94	7.81	25.03	15.50	0.36	Communication Problem		26.91	46.32	11.76	16.11	20.22	46.08	13.35	22.48	25.41	29.19	11.29	8.82
13-05-2019	13.66	49.31	7.65	25.20	19.64	0.22			30.07	50.19	11.66	17.16	18.28	50.94	13.61	24.33	18.02	33.51	11.58	8.81
14-05-2019	12.57	46.34	8.39	25.20	15.55	0.35			30.38	52.41	11.64	17.42	23.33	51.02	13.47	23.16	16.03	40.15	11.00	8.82
15-05-2019	17.01	67.25	8.43	24.92	16.97	0.23			35.95	71.14	11.45	17.41	14.39	62.64	13.62	20.38	19.25	50.69	10.92	8.81
16-05-2019	14.79	48.19	7.93	25.03	17.80	0.18			31.16	55.29	11.47	16.95	17.94	46.03	13.66	25.16	17.35	28.39	11.54	8.81
17-05-2019	17.07	61.62	7.80	25.25	20.77	0.32			33.14	60.15	11.05	17.02	15.76	45.54	13.89	26.49	16.27	43.88	11.57	8.81
18-05-2019	20.75	80.20	7.84	25.37	19.49	0.43			31.95	60.17	11.09	20.19	24.77	45.47	13.86	40.42	15.96	45.93	11.62	8.82
19-05-2019	16.50	69.16	7.82	25.37	24.70	0.31			26.54	68.74	11.45	18.24	19.23	50.65	13.58	33.14	20.99	37.31	11.52	8.82
20-05-2019	14.84	53.14	7.66	25.25	31.06	18.76			36.54	73.89	11.89	20.62	21.48	39.17	13.55	29.50	12.95	36.40	11.46	8.82
21-05-2019	35.20	43.03	7.67	26.09	14.47	29.44	8.91		32.96	74.56	13.50	26.90	16.03	47.55	13.50	22.78	11.94	28.31	11.15	8.82
22-05-2019	12.06	38.31	8.12	26.62	12.96	20.02	16.48		23.96	39.43	11.62	18.81	18.58	39.78	13.57	15.64	12.98	30.78	11.26	8.81
23-05-2019	12.56	23.82	11.29	26.28	16.69	11.79	16.70		30.62	49.98	11.50	19.75	16.90	47.45	13.63	23.67	15.31	33.93	11.51	8.82
24-05-2019	15.42	56.85	9.89	45.67	17.85	32.88	17.08		32.17	81.54	13.20	21.70	19.12	54.92	13.53	16.47	27.37	44.63	11.25	8.82
25-05-2019	13.11	42.77	8.28	27.51	15.18	29.10	17.09		27.84	74.19	11.87	19.65	17.52	53.46	13.79	23.35	30.78	39.05	11.09	8.82
26-05-2019	Power supply problem				16.32	22.31	0.99	17.08		31.24	73.25	11.89	20.76	23.65	13.76	24.55	39.50	37.52	11.43	8.82
27-05-2019	6.94	41.01	8.55	26.36	17.08	34.95	17.08		29.08	54.46	10.80	21.61	18.34	58.55	13.66	20.10	23.91	39.97	11.47	8.82
28-05-2019	13.91	42.99	8.37	25.92	15.05	33.55	16.65		41.96	53.67	11.26	27.78	20.85	51.70	13.83	25.47	19.05	41.35	11.46	8.82
29-05-2019	14.00	51.26	8.52	26.51	18.73	26.91	17.08		50.08	65.28	10.32	26.27	14.32	46.57	13.75	21.97	18.10	36.11	11.32	8.83
30-05-2019	14.28	50.10	9.50	26.26	16.54	19.30	17.08		44.59	50.63	10.35	24.09	18.41	49.21	13.71	17.48	17.31	32.92	11.49	8.82
31-05-2019	14.25	60.85	8.97	27.47	5.09	11.65	17.09		17.72	41.35	9.97	18.12	13.13	43.68	13.77	20.11	16.68	34.27	11.27	8.82

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

Month	Day Time	Night Time
May-19	64.0	63.0
Standards	< 75	< 70

Prepared By

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 Asst. Manager (Environment)

Checked By


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 GM (Environment)


JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : JUNE, 2019

Location Date	Near Kasumata Temple				Near Coke Oven Plant				Near MSEB Substation				Near Goa Gate				Near Dolvi Village							
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX				
01-06-2019	17.24	74.30	9.70	27.82	10.21	12.55	1.10	17.09	10.23	29.65	9.58	15.64	16.18	55.52	13.82	18.15	29.46	44.26	11.35	8.82				
02-06-2019	11.47	42.61	9.88	27.50	11.68	13.73	1.26	17.09	12.57	30.57	9.34	16.25	14.64	38.53	13.85	19.17	1.47	34.51	11.86	8.82				
03-06-2019	13.10	42.23	10.32	27.15	9.54	13.79	1.18	17.09	16.35	42.51	10.87	18.47	15.49	54.94	13.83	17.72	8.43	44.34	11.43	8.83				
04-06-2019	12.58	38.68	9.80	28.74	11.87	12.63	1.19	17.09	15.05	38.00	13.20	21.27	18.84	56.32	13.64	21.52	21.36	38.93	11.18	8.82				
05-06-2019	13.32	44.28	9.19	28.04	12.94	20.49	2.03	17.08	11.08	24.89	9.57	15.91	13.19	36.19	13.79	14.79	24.22	37.56	11.82	8.82				
06-06-2019	9.78	31.11	8.99	27.85	6.14	13.99	0.80	17.09	6.88	14.84	9.55	16.01	11.94	41.29	13.90	20.96	18.52	36.94	11.52	8.83				
07-06-2019	12.97	55.55	8.92	29.62	12.84	16.26	1.15	17.08	7.68	16.38	9.35	16.14	13.86	43.62	13.93	20.61	14.60	32.49	11.57	8.81				
08-06-2019	12.89	49.22	8.88	27.63	20.89	36.22	1.94	17.09	7.66	24.90	10.09	16.91	9.59	41.13	14.05	14.60	13.16	34.45	11.97	8.81				
09-06-2019	14.46	78.20	8.79	29.05	15.67	22.25	0.63	17.07	6.97	15.66	9.86	16.36	14.27	55.28	14.23	16.61	18.03	47.19	11.46	8.84				
10-06-2019	17.61	71.29	9.12	30.58	12.64	18.29	1.20	17.07	6.35	12.58	9.90	16.40	12.63	45.33	14.19	20.63	18.48	34.76	11.10	8.83				
11-06-2019	12.24	87.78	9.15	29.32	11.59	15.86	2.02	17.08	5.40	10.31	10.14	16.50	11.71	23.24	14.35	25.52	13.93	24.00	11.54	8.84				
12-06-2019	28.28	90.54	10.01	30.85	20.12	30.65	1.13	17.07	3.40	5.73	10.29	16.59	20.86	54.43	14.36	15.76	28.84	28.58	12.69	8.83				
13-06-2019	Power supply problem																							
14-06-2019	Power supply problem																							
15-06-2019	22.48	82.60	11.09	39.90	Power supply disconnect due to Drainage work near station																			
16-06-2019	26.00	71.50	12.50	41.04	Power supply disconnect due to Drainage work near station																			
17-06-2019	17.99	68.18	11.56	41.66	Power supply disconnect due to Drainage work near station																			
18-06-2019	27.62	78.64	13.15	30.77	Power supply disconnect due to Drainage work near station																			
19-06-2019	15.69	61.15	12.00	19.00	Power supply disconnect due to Drainage work near station																			
20-06-2019	24.22	84.33	11.18	21.69	Power supply disconnect due to Drainage work near station																			
21-06-2019	23.19	84.61	11.61	21.37	Power supply disconnect due to Drainage work near station																			
22-06-2019	25.11	73.68	10.70	47.16	Power supply disconnect due to Drainage work near station																			
23-06-2019	18.11	72.43	10.71	20.37	Power supply disconnect due to Drainage work near station																			
24-06-2019	29.75	86.95	12.74	20.45	Power supply disconnect due to Drainage work near station																			
25-06-2019	19.11	61.79	11.89	23.66	Power supply disconnect due to Drainage work near station																			
26-06-2019	23.88	81.62	11.87	25.64	Power supply disconnect due to Drainage work near station																			
27-06-2019	20.20	77.11	13.93	32.22	Power supply disconnect due to Drainage work near station																			
28-06-2019	19.94	76.51	15.98	33.28	Power supply disconnect due to Drainage work near station																			
29-06-2019	26.72	76.84	15.01	34.09	Power supply disconnect due to Drainage work near station																			
30-06-2019	32.86	72.19	17.16	35.96	Power supply disconnect due to Drainage work near station																			
All values are in µg/M3																								
Ambient Noise Level in Leq dB(A): at the boundary line of the plant																								
Month	Day Time	Night Time																						
Jun-19	64.0	63.0																						
Standards	< 75	< 70																						

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

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

Checked By 
V. M. Waghchaure
GM (Environment)

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : JULY, 2019

Location Date	Near Kasumata Temple					Near Coke Oven Plant					Near Dolvi Village				
	PM2.5	PM10	SO2	NOX	NO2	PM2.5	PM10	SO2	NOX	NO2	PM2.5	PM10	SO2	NO2	
01-07-2019	32.78	<Samp	16.70	37.51	37.51	2.32	5.18	15.15	7.01	7.01	0.99		11.45	6.92	
02-07-2019	21.98	<Samp	15.04	30.37	30.37	8.68	12.44	15.06	8.32	8.32	54.82		11.70	6.91	
03-07-2019	12.60	45.31	18.19	18.86	18.86	7.98	15.19	15.15	9.79	9.79	31.16		10.44	6.91	
04-07-2019	9.00	37.07	15.95	19.07	19.07	12.79	32.49	15.19	13.61	13.61	10.34		11.28	6.91	
05-07-2019	7.58	27.53	15.48	20.25	20.25	11.90	30.07	15.40	18.82	18.82	11.80		11.69	6.92	
06-07-2019	4.89	25.77	14.44	20.14	20.14	7.99	19.66	15.27	16.05	16.05	11.45		11.50	6.91	
07-07-2019	4.24	27.73	12.62	21.44	21.44	14.65	32.45	15.61	22.89	22.89	10.14		10.53	6.92	
08-07-2019	6.29	31.44	14.14	20.69	20.69	11.72	27.08	15.72	14.56	14.56	10.53		11.62	6.92	
09-07-2019	6.56	26.22	13.96	21.73	21.73	11.97	19.72	16.06	0.00	0.00	17.57		11.51	6.91	
10-07-2019	10.78	48.74	15.41	20.37	20.37	10.52	24.39	16.07	6.45	6.45	8.69		11.16	6.91	
11-07-2019	6.91	27.49	13.47	14.15	14.15	11.26	25.22	16.35	18.42	18.42	12.97		11.73	6.92	
12-07-2019	14.69	51.97	14.55	16.37	16.37	11.35	22.19	16.09	9.31	9.31	13.45		11.50	6.92	
13-07-2019	8.84	22.04	15.22	17.14	17.14	10.06	21.99	15.99	17.25	17.25	12.93		11.25	6.91	
14-07-2019	9.72	32.04	14.22	17.53	17.53	12.07	22.45	15.85	17.67	17.67	10.36		11.15	6.91	
15-07-2019	11.56	24.31	15.14	16.48	16.48	14.30	32.19	15.80	34.82	34.82	12.43		11.36	6.92	
16-07-2019						16.29	35.40	15.91	10.69	10.69	14.38		10.63	6.90	
17-07-2019						9.94	40.92	15.98	7.70	7.70	8.05		11.15	6.91	
18-07-2019						17.40	53.50	16.01	17.46	17.46	16.90		11.55	6.91	
19-07-2019						16.52	58.89	16.05	9.38	9.38	10.34		11.53	6.91	
20-07-2019	22.13	56.94	16.59	21.33	21.33	18.67	46.07	16.21	7.14	7.14	9.86		11.59	6.91	
21-07-2019	14.57	48.53	17.25	19.47	19.47	14.37	29.65	16.24	6.78	6.78	7.10		12.04	6.91	
22-07-2019						14.25	36.34	16.11	6.08	6.08	12.94		11.51	6.92	
23-07-2019						8.84	20.71	16.12	5.79	5.79	8.45		11.71	6.92	
24-07-2019	17.81	65.28	19.50	9.70	9.70	18.46	43.52	16.32	6.84	6.84	9.21		11.58	6.92	
25-07-2019	29.80	0.00	0.00	25.86	25.86	14.11	31.50	16.14	9.55	9.55	9.77		11.33	6.91	
26-07-2019	12.48	17.97	18.90	28.38	28.38	15.34	35.91	16.24	15.53	15.53	9.36		11.13	6.92	
27-07-2019	7.79	21.44	15.24	3.97	3.97	16.44	40.26	16.66	16.66	16.66	10.79		11.83	6.92	
28-07-2019	9.52	38.27	11.72	0.00	0.00	22.71	84.63	16.88	13.47	13.47	10.49		11.09	6.92	
29-07-2019	6.99	25.96	11.42	0.00	0.00	25.04	75.19	16.67	19.78	19.78	9.92		11.50	6.92	
30-07-2019	5.77	22.74	11.66	15.37	15.37	18.25	48.82	17.17	18.80	18.80	8.48		11.57	6.91	
31-07-2019	7.37	19.13	11.84	12.63	12.63	16.72	43.89	17.28	18.63	18.63	9.36		11.92	6.91	

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

Month	Day Time	Night Time
Jul-19	62.0	61.0
Standards	< 75	< 70

Checked By
V. M. Waghchaure
GM (Environment)

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

* Instrument under maintenance

** After maintenance instrument under stabilization

JSW STEEL LIMITED
 GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
 MONTH : AUGUST, 2019

Location Date	Near Kasumata Temple				Near Coke Oven Plant				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX	PM2.5	PM10	SO2	NOX
01-08-2019	5.93	14.76	10.68	9.98	16.95	56.03	17.46	22.17	8.30		11.63	6.91
02-08-2019	5.30	13.37	10.99	10.12	19.13	43.33	17.17	22.90	13.62		11.68	6.92
03-08-2019	4.93	13.09	11.07	10.51	12.89	25.62	17.14	20.32	9.79		11.68	6.89
04-08-2019	6.95	17.35	10.80	6.60	21.12	57.34	16.95	16.40	8.77		11.62	6.92
05-08-2019	6.40	17.29	10.33	6.13	21.27	85.38	17.13	18.29	8.25		11.14	6.91
06-08-2019	6.49	17.95	10.82	7.74	19.81	49.48	16.94	19.48	12.83		11.60	6.92
07-08-2019	8.15	21.07	10.58	9.14	27.34	39.33	17.51	22.11	9.37		11.49	6.91
08-08-2019	11.96	33.84	10.48	17.43	28.70	38.30	17.87	27.82	9.54		11.16	6.92
09-08-2019	17.24	35.37	10.61	23.40	17.57	21.26	18.01	36.23	10.36		11.42	6.91
10-08-2019	10.17	29.15	10.90	21.70	8.62	12.05	17.08	22.75	12.57		11.77	6.91
11-08-2019	11.33	39.69	11.51	16.16	15.52	9.70	16.98	13.03	12.07		11.26	6.91
12-08-2019	5.92	22.86	11.63	12.59	12.03	15.96	16.73	10.45	11.39		11.78	6.91
13-08-2019	9.57	28.47	11.43	27.23	8.45	14.27	16.50	15.23	8.81		11.47	6.91
14-08-2019	15.00	57.16	12.45	23.31	11.56	20.15	16.65	16.79	9.39	Water leakage form shelter top	11.22	6.91
15-08-2019	9.24	35.14	11.56	21.95	12.78	23.94	16.99	13.42	8.62		11.47	6.92
16-08-2019	13.50	54.39	12.43	21.94	8.47	17.09	16.71	11.72	10.25		11.41	6.92
17-08-2019	12.75	48.75	12.14	21.98	9.17	17.79	16.73	12.10	20.90		10.65	6.92
18-08-2019	41.76	87.30	12.74	21.96	17.44	Under maintain	17.21	17.19	9.33		11.23	6.92
19-08-2019	8.49	22.58	11.76	47.13	under maintain	16.77	20.43	8.76			11.53	6.92
20-08-2019	19.81	77.41	11.82	38.26	11.38	22.12	16.94	14.96	7.71		11.62	6.91
21-08-2019	20.47	87.13	11.02	43.85	13.59	17.77	16.99	12.09	8.38		11.38	6.90
22-08-2019	17.13	70.84	10.84	43.53	14.16	17.33	17.27	13.69	8.34		11.20	6.92
23-08-2019	18.07	55.22	11.25	48.97	12.43	24.00	17.37	12.52	9.86		11.61	6.91
24-08-2019	14.03	44.63	11.13	36.48	11.22	26.41	17.08	10.33	9.97		11.54	6.91
25-08-2019	17.75	97.90	10.84	35.06	Water leakage form shelter top						11.18	6.91
26-08-2019	26.76	68.97	11.03	57.20	21.97	27.79	18.32	15.19	8.37		11.33	6.88
27-08-2019	28.08	74.45	11.53	59.44	2.89	7.60	17.72	11.82	8.80		11.67	6.91
28-08-2019	18.17	64.35	10.97	44.76	20.60	41.29	17.60	22.06	9.61		11.26	6.91
29-08-2019	14.59	54.24	10.76	41.77	9.52	29.25	17.76	13.80	14.80		11.16	6.91
30-08-2019	15.52	73.53	11.01	38.92	12.23	15.62	18.08	12.96	9.86		11.45	6.91
31-08-2019	31.66	78.36	11.89	47.90	11.62	14.69	18.15	12.26	10.84		11.95	6.90

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

Month	Day Time	Night Time
Aug-19	< 75	< 70
Standards	< 75	< 70

Prepared By

 P.P. Nandusekar
 Asst. Manager (Environment)

Checked By

 V. M. Waghchaure
 GM (Environment)

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : SEPTEMBER, 2019

Location Date	Near Kasumata Temple			Near MSEB Substation			Near Goa Gate			Near Dolvi Village		
	PM2.5	PM10	NOX	PM2.5	PM10	NOX	PM2.5	PM10	NOX	PM2.5	PM10	NOX
01-09-2019	28.00	45.32	11.95	38.54	11.22	18.02	18.30	11.41	8.16	10.97	8.82	8.82
02-09-2019	39.86	70.82	12.45	45.92	15.55	28.04	18.35	8.27	14.04	11.28	8.83	8.83
03-09-2019	38.50	59.54	12.30	48.77	12.28	19.76	18.42	12.27	8.97	11.37	8.83	8.83
04-09-2019	13.44	40.64	11.87	46.56	19.40	26.50	18.24	15.82	8.13	11.44	8.80	8.80
05-09-2019	8.92	29.54	12.15	44.00	11.00	14.65	18.46	15.40	8.73	11.50	8.82	8.82
06-09-2019	9.56	22.56	11.68	44.05	22.44	36.21	18.74	15.29	13.14	11.36	8.82	8.82
07-09-2019	8.90	17.56	11.93	40.92	10.53	18.71	18.72	11.12	16.55	11.38	8.83	8.83
08-09-2019	6.28	15.10	11.68	40.74	12.38	14.74	18.80	7.77	20.34	11.71	8.82	8.82
09-09-2019	6.43	11.22	11.19	33.94	17.63	29.36	19.16	20.90	16.13	11.11	8.81	8.81
10-09-2019	9.56	22.41	11.31	36.85	12.43	20.20	18.64	15.47	12.98	11.03	8.82	8.82
11-09-2019	26.30	71.36	11.67	46.41	9.65	23.29	18.55	16.76	11.67	11.35	8.82	8.82
12-09-2019	19.82	67.59	12.44	42.74	11.44	22.49	18.54	17.30	9.92	11.41	8.83	8.83
13-09-2019	25.78	88.56	11.70	44.28	11.70	23.35	18.85	17.15	8.04	11.77	8.83	8.83
14-09-2019	7.55	16.86	11.24	51.64	16.19	38.82	18.89	18.85	8.06	11.51	8.81	8.81
15-09-2019	9.30	30.00	11.25	39.79	14.04	23.39	18.74	12.53	7.84	11.36	8.82	8.82
16-09-2019	26.34	94.41	11.34	38.38	22.99	39.87	18.83	20.40	7.91	11.41	8.82	8.82
17-09-2019	16.59	42.18	11.21	40.78	15.12	22.43	18.91	19.94	8.15	11.60	8.82	8.82
18-09-2019	15.66	43.60	11.52	40.86	13.83	17.93	19.10	18.20	8.99	11.37	8.82	8.82
19-09-2019	12.17	25.19	11.56	41.48	14.32	28.90	19.09	18.84	10.97	11.44	8.82	8.82
20-09-2019	28.04	98.95	11.81	42.44	17.34	43.78	19.15	13.70	12.78	11.07	8.82	8.82
21-09-2019	31.20	99.16	11.59	51.84	3.48	9.88	12.35	30.21	8.78	11.23	8.82	8.82
22-09-2019	23.96	62.43	11.44	45.24	5.40	13.42	10.24	29.86	15.12	11.23	8.83	8.83
23-09-2019	20.84	44.55	11.32	48.42	7.22	24.34	8.65	29.92	9.13	11.10	8.81	8.81
24-09-2019	11.64	19.69	11.06	45.00	12.91	26.58	13.20	30.01	9.09	11.12	8.82	8.82
25-09-2019	8.68	13.45	10.76	39.34	10.21	30.54	10.94	27.21	7.07	11.10	8.81	8.81
26-09-2019	20.64	70.64	11.23	44.66	9.54	20.74	14.73	27.07	11.19	11.53	8.82	8.82
27-09-2019	19.74	71.23	11.39	47.49	4.09	6.12	7.64	18.92	13.59	11.58	8.81	8.81
28-09-2019	23.23	73.39	12.05	54.78	3.34	6.86	9.58	18.68	9.06	11.52	8.83	8.83
29-09-2019	20.02	94.41	11.61	44.71	4.22	8.11	8.67	18.02	15.36	11.27	8.82	8.82
30-09-2019	13.87	43.18	11.38	45.33	5.11	7.46	10.54	16.71	9.25	11.32	8.82	8.82

Power supply problem

Water leakage from shelter top

All values are in µg/M3

Ambient Noise Level in Leq dB(A): at the boundary line of the plant

Month	Day Time	Night Time
Sep-19	63.5	62.5
Standards	< 75	< 70

Checked By
V. M. Waghchaure
GM (Environment)

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