



JSW Steel Limited

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

October 17, 2018

JSWSL/ENV/MOEF&CC/2018

To

Shri. Kanwarjit Singh, APCCF(C),
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 2018 to September 2018.

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,

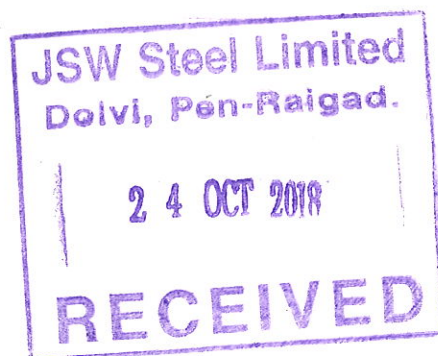
Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2018 to September 2018 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from 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

Regd. Office: JSW Centre,
Bandra Kurla Complex,
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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-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1	Chromium	mg/l	0.0019	0.0016	0.0014	0.0019	0.0017	0.0014
2	Zinc	mg/l	0.097	0.099	0.096	0.100	0.098	0.098
3	Phosphate	mg/l	0.95	0.92	0.98	0.89	0.88	0.95
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil



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



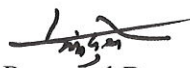
Checked By
V. M. Waghchaure
General Manager (Environment)


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-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1	Temperature	°C	27	27	27	27	27	27
2	pH	-	7.2	7.3	7.2	7.2	7.2	7.3
3	T.S.S.	mg/l	5.3	5.3	5.3	5.3	5.2	5.2
4	T.D.S.	mg/l	18.0	17.4	17.4	18.4	17.6	16.6
5	D.O.	mg/l	260.0	268.5	243.5	236.0	258.0	238.7
6	C.O.D.	mg/l	28.8	27.9	28.1	26.8	30.2	30.4
7	B.O.D.	mg/l	7.0	7.1	7.1	7.0	7.0	7.0
8	Oil & Grease	mg/l	3.2	2.5	3.2	3.0	2.8	2.8
9	Iron	mg/l	0.3	0.3	0.3	0.3	0.3	0.3
10	Chlorides	mg/l	55.0	52.5	52.5	52.0	51.6	50.0
11	Sulphates	mg/l	0.2	2.2	2.2	2.3	2.2	2.3
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	°C	28.0	28.0	27.0	28	28	28


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-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
1	Temperature	°C	57.52	57.52	57.52	57.50	57.30	57.30
2	pH	-	8.14	8.15	8.15	8.14	8.10	8.20
3	T.S.S.	mg/l	2.14	2.25	2.20	2.20	2.20	2.10
4	T.D.S.	mg/l	551.28	551.10	551.19	554.10	555.10	556.50
5	D.O.	mg/l	470.16	469.50	469.83	465.20	448.70	443.30
6	C.O.D.	mg/l	37.39	39.80	38.60	38.50	40.90	37.60
7	B.O.D.	mg/l	7.50	7.63	7.56	7.50	7.40	7.80
8	Oil & Grease	mg/l	4.40	3.80	4.10	4.20	3.60	3.70
9	Iron	mg/l	1.25	1.28	1.27	1.26	1.26	1.30
10	Chlorides	mg/l	144.95	146.20	145.58	155.00	155.00	155.00
11	Sulphates	mg/l	0.32	3.29	1.81	3.20	3.30	3.30


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


Checked By
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 MW/h)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³						
									Particulate Matter (PM)	SO ₂	NOx	CO			
Plant Capacity: 3.0 MTPA															
I	Hot Strip Mill Plant														
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	07/04/2018 11:15 Hrs	1016.00	15.94	18.36	NA	1.56	NA	NA	NA	NA
						08/05/2018 11:50 Hrs	9218.00	13.36	10.38	4.27	3.15	NA	NA	NA	NA
						23/06/2018 12:00 Hrs	9325.00	13.88	19.66	5.30	3.18	NA	NA	NA	NA
						12/07/2018 12:00 Hrs	7410.00	13.31	14.73	4.58	3.41	NA	NA	NA	NA
						06/08/2018 10:15 Hrs	10023.00	16.92	14.20	5.20	3.20	NA	NA	NA	NA
						01/09/2018 10:25 Hrs	8256.00	15.88	18.23	3.20	2.20	NA	NA	NA	NA
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	07/04/2018 12:15 Hrs	1016.00	14.68	24.51	NA	1.72	NA	NA	NA	NA
						08/05/2018 12:50 Hrs	9218.00	14.29	12.22	2.67	2.63	NA	NA	NA	NA
						23/06/2018 12:45 Hrs	9325.00	14.18	27.06	2.10	2.94	NA	NA	NA	NA
						12/07/2018 13:00 Hrs	7410.00	9.45	24.12	2.85	3.20	NA	NA	NA	NA
						06/08/2018 11:55 Hrs	10023.00	14.80	27.51	3.00	3.40	NA	NA	NA	NA
						01/09/2018 12:05 Hrs	8256.00	16.23	31.55	3.30	3.20	NA	NA	NA	NA
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	07/04/2018 15:25 Hrs	1016.00	12.26	32.93	NA	<1	NA	NA	NA	NA
						08/05/2018 15:20 Hrs	9218.00	12.29	24.44	<1	<1	NA	NA	NA	NA
						23/06/2018 13:40 Hrs	9325.00	10.88	22.03	<1	<1	NA	NA	NA	NA
						12/07/2018 15:00 Hrs	7410.00	13.95	19.09	<1	<1	NA	NA	NA	NA
						06/08/2018 14:10 Hrs	10023.00	14.88	17.86	<1	<1	NA	NA	NA	NA
						01/09/2018 14:45 Hrs	8256.00	15.45	25.63	<1	<1	NA	NA	NA	NA
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	17/04/2018 16:35 Hrs	8231.00	14.23	11.29	NA	1.66	NA	NA	NA	NA
						17/05/2018 11:00 Hrs	9966.00	15.80	8.50	2.67	1.75	NA	NA	NA	NA
						28/06/2018 11:30 Hrs	9444.00	14.20	7.84	3.40	3.46	NA	NA	NA	NA
						27/07/2018 16:00 Hrs	4296.00	14.38	5.21	4.27	3.10	NA	NA	NA	NA
						07/08/2018 12:15 Hrs	9912.00	13.76	6.62	4.40	6.50	NA	NA	NA	NA
						03/09/2018 10:18 Hrs	8778.00	14.25	7.23	4.10	6.10	NA	NA	NA	NA

Prepared By
 P.P.Nandusekar
 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	19/04/2018 12:00 Hrs	8815.00	13.69	9.13	NA	1.55	NA						
						17/05/2018 12:30 Hrs	9966.00	14.47	5.33	3.20	2.19	NA						
						21/06/2018 12:20 Hrs	9954.00	14.05	5.56	3.10	2.17	NA						
						17/07/2018 15:15 Hrs	9430.00	14.12	6.98	2.67	2.00	NA						
						07/08/2018 10:52 Hrs	9912.00	10.52	5.35	2.60	2.20	NA						
						03/09/2018 11:50 Hrs	8778.00	12.56	6.89	2.80	2.30	NA						
						17/04/2018 11:45 Hrs	8231.00	13.23	10.92	NA	1.45	NA						
						17/05/2018 15:20 Hrs	9966.00	13.61	8.00	2.14	1.75	NA						
						28/06/2018 12:30 Hrs	9444.00	15.55	8.16	2.80	1.37	NA						
						27/07/2018 15:15 Hrs	4296.00	14.10	7.12	2.14	1.80	NA						
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	07/08/2018 14:00 Hrs	9912.00	8.39	5.05	2.30	2.10	NA						
						04/09/2018 11:28 Hrs	6772.00	10.45	8.26	2.40	2.20	NA						
						17/04/2018 13:00 Hrs	8231.00	14.30	12.16	NA	1.34	NA						
						17/05/2018 14:00 Hrs	9966.00	13.70	9.00	3.20	1.66	NA						
						21/06/2018 11:15 Hrs	9954.00	16.04	6.19	3.40	2.03	NA						
						17/07/2018 16:00 Hrs	9430.00	13.09	6.16	3.20	2.40	NA						
						07/08/2018 15:20 Hrs	9912.00	7.96	6.92	3.40	2.30	NA						
						04/09/2018 15:15 Hrs	6772.00	10.58	5.60	3.10	2.40	NA						
						shut down												
						8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	11/07/2018 10:10 Hrs	4.91	5.50	12.11	NA	3.82	NA
07/08/2018 10:15 Hrs	8.29	7.02	12.06	NA	3.82							NA						
22/09/2018 15:26 Hrs	13.00	10.12	8.56	NA	3.82							NA						
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	23/04/2018 11:00 Hrs	9579.00	11.86	22.26	NA	NA	NA						
						21/05/2018 15:45 Hrs	8516.00	7.73	14.62	NA	NA	NA						
						27/06/2018 11:00 Hrs	9511.00	7.34	12.32	NA	NA	NA						
						27/07/2018 10:15 Hrs	4296.00	7.02	12.36	NA	NA	NA						
						07/08/2018 10:00 Hrs	9912.00	10.36	25.94	NA	NA	NA						
05/09/2018 10:36 Hrs	7330.00	11.45	28.79	NA	NA	NA												
							CPCB Norms											

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

Checked By *V M Waghchaure*
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
Plant Capacity: 0.44 MTPA												
Lime Calcination Plant												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	21/04/2018 12:30 Hrs 10/05/2018 10:10 Hrs 19/06/2018 15:10 Hrs 21/07/2018 15:00 Hrs 01/08/2018 15:00 Hrs	447.00 554.00 480.00 373.00 351.00	8.03 8.20 8.36 9.40 9.40	15.07 14.13 18.23 15.45 8.65	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
shut down												
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	21/04/2018 11:45 Hrs 10/05/2018 11:30 Hrs 16/06/2018 13:00 Hrs 19/07/2018 12:00 Hrs 01/08/2018 11:35 Hrs 13/09/2018 10:32Hrs	227.00 273.00 252.00 266.00 115.00 271.00	13.59 12.75 11.18 16.50 17.17 18.25	25.41 11.32 21.66 33.62 23.49 19.45	NA 2.14 11.12 5.72 5.72 6.20	1.38 2.63 9.36 4.80 4.80 3.80	NA NA NA NA NA NA
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	23/04/2018 15:15 Hrs 10/05/2018 12:20 Hrs 16/06/2018 12:05 Hrs 19/07/2018 11:15 Hrs 01/08/2018 9:40 Hrs 13/09/2018 11:46 Hrs	201.00 281.00 300.00 300.00 236.00 240.00	12.16 9.00 15.17 15.34 16.80 16.80	32.05 5.83 34.50 22.16 24.37 25.66	NA 2.67 6.25 4.27 4.27 4.30	1.53 1.75 3.14 3.30 3.30 3.40	NA NA NA NA NA NA
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	21/04/2018 10:30 Hrs 10/05/2018 15:10 Hrs 16/06/2018 11:10 Hrs 19/07/2018 12:50 Hrs 01/08/2018 15:25 Hrs 13/09/2018 15:32 Hrs	447.00 554.00 552.00 566.00 351.00 511.00	7.52 7.95 8.58 8.65 10.86 11.22	13.33 14.62 33.33 29.20 27.95 23.54	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA


 Prepared By
 P.P. Nandusekar
 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	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	20/04/2018 10:00 Hrs 12/05/2018 15:00 Hrs 15/06/2018 11:45 Hrs 21/07/2018 16:45 Hrs 01/08/2018 16:45 Hrs	505.00 410.00 438.00 387.00 502.00	7.34 8.00 7.40 8.86 8.86	21.16 9.45 12.65 16.47 6.54	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	20/04/2018 11:45 Hrs 12/05/2018 16:00 Hrs 19/06/2018 11:00 Hrs 21/07/2018 12:20 Hrs 02/08/2018 10:00 Hrs 14/09/2018 11:04 Hrs	505.00 410.00 405.00 387.00 502.00 405.00	10.46 11.20 12.32 7.49 12.77 13.48	20.46 23.00 29.53 33.55 18.68 22.75	NA 3.20 3.16 2.62 2.62 2.82	3.92 3.50 2.97 2.80 2.80 3.00	NA NA NA NA NA NA
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	20/04/2018 10:30 Hrs 12/05/2018 12:40 Hrs 19/06/2018 12:10 Hrs 21/07/2018 11:15 Hrs 02/08/2018 11:50 Hrs 14/09/2018 12:34 Hrs	505.00 410.00 405.00 387.00 502.00 405.00	8.04 8.50 9.50 8.13 17.50 16.51	16.00 26.80 24.06 30.61 24.18 18.44	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
shut down							CPCB Norms	<100	100	NA	100	NA

Checked By
V M Waghchaure
GM (Environment)

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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
III Sponge Iron Plant												
Plant Capacity: 2.0 MTPA												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	10/04/2018 15:30 Hrs 21/05/2018 13:10 Hrs 22/06/2018 15:30 Hrs 26/07/2018 11:30 Hrs 10/08/2018 14:30 Hrs 17/09/2018 10:28 Hrs	4821.00 4633.00 3594.00 3754.00 4064.00 4452.00	33.42 40.10 32.00 24.16 47.12 48.24	7.20 7.33 8.60 4.96 3.75 5.12	NA 2.10 0.40 1.28 1.50 1.80	NA 1.75 18.56 10.20 12.30 10.30	NA NA NA NA NA NA
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	10/04/2018 13:30 Hrs 09/05/2018 12:40 Hrs 22/06/2018 11:40 Hrs 13/07/2018 14:40 Hrs 10/08/2018 10:10 Hrs 17/09/2018 11:56 Hrs	4821.00 4694.00 3594.00 4129.00 4064.00 4452.00	8.75 10.68 10.51 10.68 10.58 11.02	31.07 20.59 23.08 23.33 42.10 35.69	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	10/04/2018 11:45 Hrs 14/05/2018 15:20 Hrs 25/06/2018 13:20 Hrs 13/07/2018 11:40 Hrs 09/08/2018 11:50 Hrs 19/09/2018 10:21 Hrs	4821.00 4539.00 4153.00 4129.00 4080.00 4561.00	11.60 9.96 10.53 7.87 16.52 15.44	28.12 22.29 30.29 17.07 38.32 38.96	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	10/04/2018 12:25 Hrs 14/05/2018 16:10 Hrs 25/06/2018 14:10 Hrs 13/07/2018 11:45 Hrs 09/08/2018 10:15 Hrs 19/09/2018 11:37 Hrs	4821.00 4539.00 4153.00 4129.00 4080.00 4561.00	9.21 7.67 9.54 7.91 6.41 8.80	18.01 18.38 11.56 29.23 25.31 18.68	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA


 Checked By
 V M Waghchaure
 GM (Environment)


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

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	10/04/2018 14:10 Hrs	4821.00	10.15	10.23	NA	NA	NA
						14/05/2018 13:10 Hrs	4539.00	10.09	7.89	NA	NA	NA
						22/06/2018 10:00 Hrs	3594.00	10.10	12.25	NA	NA	NA
						13/07/2018 13:45 Hrs	4129.00	8.31	12.22	NA	NA	NA
						10/08/2018 12:10 Hrs	4080.00	11.20	15.43	NA	NA	NA
						18/09/2018 15:28 Hrs	4566.00	11.20	27.88	NA	NA	NA
6	Screen Dust Collector Stack C304	Product screen Area	30	0.9	Venturi Scrubber	10/04/2018 10:30 Hrs	4821.00	8.65	29.04	NA	NA	NA
						09/05/2018 15:30 Hrs	4694.00	9.30	11.17	NA	NA	NA
						25/06/2018 12:30 Hrs	4153.00	9.53	15.15	NA	NA	NA
						26/07/2018 12:30 Hrs	3754.00	10.24	10.23	NA	NA	NA
						09/08/2018 14:30 Hrs	4080.00	9.93	20.01	NA	NA	NA
						18/09/2018 11:23 Hrs	4566.00	10.85	22.77	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	16/04/2018 15:00 Hrs	9757.00	9.99	13.00	NA	NA	NA
						14/05/2018 11:15 Hrs	9286.00	8.53	21.27	NA	NA	NA
						29/06/2018 12:20 Hrs	7204.00	8.50	40.62	NA	NA	NA
						16/07/2018 11:15 Hrs	6221.00	8.53	33.01	NA	NA	NA
						13/08/2018 10:30 Hrs	8298.00	7.99	28.23	NA	NA	NA
						21/09/2018 10:07 Hrs	6255.00	8.42	28.77	NA	NA	NA
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	06/04/2018 10:30 Hrs	9118.00	8.14	34.30	NA	NA	NA
						14/05/2018 12:10 Hrs	9286.00	7.29	29.50	NA	NA	NA
						12/06/2018 12:10 Hrs	5765.00	9.52	36.15	NA	NA	NA
						16/07/2018 12:10 Hrs	6221.00	8.47	29.20	NA	NA	NA
						13/08/2018 11:43 Hrs	8298.00	7.11	25.33	NA	NA	NA
						21/09/2018 11:45 Hrs	6255.00	8.64	32.81	NA	NA	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
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	06/04/2018 11:45 Hrs	9118.00	8.28	30.92	NA	NA	NA
						14/05/2018 14:30 Hrs	9286.00	9.05	11.23	NA	NA	NA
						12/06/2018 13:10 Hrs	5765.00	8.01	9.56	NA	NA	NA
						19/07/2018 15:20 Hrs	4674.00	10.50	8.65	NA	NA	NA
						14/08/2018 14:00 Hrs	8275.00	15.71	18.96	NA	NA	NA
						20/09/2018 15:45 Hrs	6270.00	15.63	11.44	NA	NA	NA
						16/04/2018 11:00 Hrs	9757.00	9.80	8.12	NA	NA	NA
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	24/05/2018 14:30 Hrs	9582.00	10.23	12.50	NA	NA	NA
						12/06/2018 15:20 Hrs	5765.00	10.20	11.69	NA	NA	NA
						16/07/2018 13:10 Hrs	6221.00	10.60	10.00	NA	NA	NA
						11/08/2018 15:00 Hrs	8742.00	12.75	17.56	NA	NA	NA
						20/09/2018 10:53 Hrs	6270.00	14.23	11.51	NA	NA	NA
						16/04/2018 16:00 Hrs	67.20	7.05	12.16	NA	NA	NA
						24/05/2018 13:10 Hrs	111.05	7.60	14.59	NA	NA	NA
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	29/06/2018 11:00 Hrs	49.47	10.38	7.16	NA	NA	NA
						16/07/2018 14:00 Hrs	6.78	10.91	8.16	NA	NA	NA
						11/08/2018 11:00 Hrs	9.10	9.53	4.86	NA	NA	NA
						22/09/2018 12:00 Hrs	7.53	10.21	5.46	NA	NA	NA
							CPCB Norms		<50	250.0	150	10000




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Prepared By
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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
Plant Capacity: 2.8 MTPA												
V	Sinter Plant - I											
1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	09/04/2018 16:40 Hrs 15/05/2018 10:00 Hrs 13/06/2018 15:20 Hrs 30/07/2018 10:00 Hrs 04/08/2018 16:15 Hrs 08/09/2018 11:26 Hrs	7143.00 6317.00 6552.00 4969.00 5792.00 4375.00	7.70 7.30 9.25 9.31 7.51 8.64	23.16 19.67 18.54 28.12 15.82 18.35	NA NA NA NA NA NA	NA NA NA NA NA NA	
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	09/04/2018 13:40 Hrs 15/05/2018 13:10 Hrs 13/06/2018 11:30 Hrs 30/07/2018 13:15 Hrs 04/08/2018 11:45 Hrs 06/09/2018 10:46 Hrs	7143.00 6317.00 6552.00 4969.00 5792.00 5920.00	9.53 9.25 9.10 8.65 8.75 9.86	24.60 28.00 17.50 39.16 17.76 22.36	NA NA NA NA <1 <1	NA NA NA NA NA NA	
3	Proportioning ESP Stack	Proportioning House	50	2.404	Electrostatic Precipitators	09/04/2018 12:45 Hrs 15/05/2018 12:15 Hrs 13/06/2018 12:45 Hrs 30/07/2018 12:10 Hrs 04/08/2018 10:30Hrs 07/09/2018 14:45 Hrs	7143.00 6317.00 6552.00 4969.00 5792.00 6025.00	8.95 9.03 10.93 8.07 8.67 11.77	34.23 26.17 32.06 27.23 26.55 32.51	NA NA NA NA 3.50 3.80	NA NA NA NA 4.10 4.20	
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	09/04/2018 11:40 Hrs 15/05/2018 11:20 Hrs 13/06/2018 10:30 Hrs 30/07/2018 11:00 Hrs 03/08/2018 10:00Hrs 07/09/2018 10:55 Hrs	7143.00 6317.00 6552.00 4969.00 316.00 6025.00	15.68 13.00 13.65 10.02 16.40 17.25	47.14 37.50 39.68 43.00 28.96 36.56	NA NA 5.34 5.20 4.80 3.40	NA NA 8.84 4.39 3.80 5.70 5.40	


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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	09/04/2018 15:55 Hrs 15/05/2018 16:15 Hrs 13/06/2018 14:30 Hrs 30/07/2018 15:15 Hrs 03/08/2018 12:00Hrs 06/09/2018 12:06 Hrs	7143.00 6317.00 6552.00 4969.00 316.00 5920.00	12.28 12.04 13.67 12.67 13.87 14.25	38.09 26.98 26.00 37.46 24.88 30.25	NA NA NA NA <1 <1	NA NA NA NA <1 <1	NA NA NA NA NA NA
							CPCB Norms					

Plant Capacity: 2.5 MTPA

VI Sinter Plant -II												
1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	13/04/2018 10:45 Hrs 18/05/2018 11:40 Hrs 26/06/2018 11:55 Hrs 11/07/2018 11:30Hrs 16/08/2018 10:00Hrs 10/09/2018 10:36Hrs	7331.00 6813.00 6129.00 3825.00 5250.00 5385.00	11.37 14.16 14.60 15.66 13.61 15.23	36.15 27.61 33.66 22.00 18.43 22.36	NA 11.74 7.20 6.40 6.20 5.30	NA 8.60 2.40 NA NA NA	NA NA NA NA NA NA
2	Bag Filter- 1 (Flux/Fuel Crush Or Building)	Crusher Building	35	4.7	Bag Filters	13/04/2018 12:50 Hrs 18/05/2018 13:40 Hrs 15/06/2018 10:45 Hrs 11/07/2018 13:10Hrs 17/08/2018 12:30Hrs 10/09/2018 11:50Hrs	7331.00 6813.00 5918.00 3825.00 4473.00 5385.00	8.13 8.77 9.25 10.00 10.30 10.53	21.69 11.27 17.83 6.02 10.37 9.56	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	13/04/2018 11:45 Hrs 19/05/2018 15:30 Hrs 15/06/2018 12:45 Hrs 11/07/2018 12:15Hrs 16/08/2018 11:35Hrs 11/09/2018 15:45 Hrs	7331.00 6742.00 5918.00 3825.00 5250.00 5773.00	7.72 12.00 8.27 12.17 10.13 10.25	18.30 7.17 22.02 10.62 14.77 30.22	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA 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	NO _x	CO	
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	11/04/2018 12:05 Hrs	7517.00	6.69	21.15	NA	NA	NA	NA
						19/05/2018 12:30 Hrs	6742.00	9.40	13.33	NA	NA	NA	NA
						26/06/2018 15:30 Hrs	6129.00	10.56	14.50	NA	NA	NA	NA
						14/07/2018 11:00 Hrs	5556.00	9.26	12.03	NA	NA	NA	NA
						18/08/2018 12:40 Hrs	2770.00	10.62	19.42	NA	NA	NA	NA
						12/09/2018 15:38Hrs	5993.00	10.09	11.33	NA	NA	NA	NA
						11/04/2018 12:05 Hrs	7517.00	6.69	21.15	NA	NA	NA	NA
						19/05/2018 12:30 Hrs	6742.00	9.40	13.33	NA	NA	NA	NA
						26/06/2018 15:30 Hrs	6129.00	10.56	14.50	NA	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	14/07/2018 12:30 Hrs	5556.00	10.98	37.53	NA	NA	NA	NA
						16/08/2018 11:20Hrs	5250.00	11.32	43.48	NA	NA	NA	NA
						11/09/2018 10:40 Hrs	5773.00	10.88	22.31	NA	NA	NA	NA
						11/04/2018 14:00 Hrs	7517.00	12.49	17.00	NA	NA	NA	NA
						19.05.2018 15:30 Hrs	6742.00	6.77	8.92	NA	NA	NA	NA
						15/06/2018 13:45 Hrs	5918.00	8.24	33.00	NA	NA	NA	NA
						14/07/2018 16:10 Hrs	5556.00	7.74	33.17	NA	NA	NA	NA
						18/08/2018 10:40 Hrs	2770.00	9.45	28.69	NA	NA	NA	NA
						11/09/2018 12:05 Hrs	5773.00	10.48	35.89	NA	NA	NA	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	11/04/2018 13:10 Hrs	7517.00	12.08	12.30	NA	NA	NA	NA
						18.05.2018 10:30 Hrs	6813.00	7.00	8.00	NA	NA	NA	NA
						26/06/2018 12:45 Hrs	6129.00	8.43	19.20	NA	NA	NA	NA
						14/07/2018 13:15 Hrs	5556.00	8.87	14.16	NA	NA	NA	NA
						17/08/2018 15:00Hrs	4473.00	10.09	15.63	NA	NA	NA	NA
						10/09/2018 14:26Hrs	5385.00	12.46	14.68	NA	NA	NA	NA
						11/04/2018 14:00 Hrs	7517.00	12.49	17.00	NA	NA	NA	NA
						19.05.2018 15:30 Hrs	6742.00	6.77	8.92	NA	NA	NA	NA
						15/06/2018 13:45 Hrs	5918.00	8.24	33.00	NA	NA	NA	NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	11/04/2018 13:10 Hrs	7517.00	12.08	12.30	NA	NA	NA	NA
						18.05.2018 10:30 Hrs	6813.00	7.00	8.00	NA	NA	NA	NA
						26/06/2018 12:45 Hrs	6129.00	8.43	19.20	NA	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	NO _x	CO
8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	11/04/2018 13:50 Hrs	7517.00	7.23	11.16	NA	NA	NA
						18/05/2018 10:30 Hrs	6813.00	8.00	10.00	NA	NA	NA
						15/06/2018 11:35 Hrs	5918.00	10.02	19.80	NA	NA	NA
						14/07/2018 15:15 Hrs	5556.00	10.00	14.60	NA	NA	NA
						17/08/2018 10:45Hrs	4473.00	11.98	14.76	NA	NA	NA
						12/09/2018 11:24Hrs	5993.00	11.44	13.25	NA	NA	NA
CPCB Norms							<50	NA	NA	NA	NA	


VII Captive Power Plant (55 MW)

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
1	Boiler Stack	Boiler	40	5.0	Blower	23/05/2018 11:45 Hrs	57.00	9.80	12.66	2.67	1.75	NA
						28/06/2018 10:55 Hrs	44.42	12.62	12.28	NA	15.30	NA
						10/07/2018 10:15 Hrs	54.31	11.61	10.23	NA	12.40	NA
						20/08/2018 16:20Hrs	48.37	11.88	12.18	NA	11.30	NA
						08/09/2018 15:45Hrs	46.47	12.33	7.23	NA	12.00	NA
						CPCB Norms						

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

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
1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	19/04/2018 13:00 Hrs	2995.00	8.86	19.04	NA	NA	NA
						16/05/2018 13:00 Hrs	1555.00	8.86	19.04	NA	NA	NA
						14/06/2018 12:00 Hrs	2649.00	8.81	5.64	NA	NA	NA
						02/07/2018 13:00 Hrs	751.00	8.72	5.04	NA	NA	NA
						25/08/2018 14:40 Hrs	2210.00	12.63	8.80	NA	NA	NA
						25/09/2018 12:15 Hrs	1717.00	14.25	11.45	NA	NA	NA
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	19/04/2018 11:00 Hrs	2849.00	10.53	27.88	NA	NA	NA
						16/05/2018 11:00 Hrs	3630.00	10.53	27.88	NA	NA	NA
						14/06/2018 13:00 Hrs	2147.00	9.53	7.46	NA	NA	NA
						02/07/2018 14:00 Hrs	800.00	9.41	7.92	NA	NA	NA
						24/08/2018 11:40 Hrs	2992.00	10.23	7.80	NA	NA	NA
						25/09/2018 10:43Hrs	723.00	16.23	8.81	NA	NA	NA
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	16/04/2018	894.76	14.56	18.34
		08/05/2018	1064.45	8.62	4.56
		12.06.2018	199.41	6.52	8.20
		14/07/2018	81.60	6.42	8.52
		06/08/2018	241.18	1.29	15.40
		17/09/2018	548.91	2.77	15.46
2	Near Raw Material Feeding Area	16/04/2018	1166.18	14.72	17.68
		08/05/2018	1209.65	8.48	5.23
		13.06.2018	563.83	9.60	8.20
		14/07/2018	468.54	8.64	7.56
		07/08/2018	215.42	1.94	15.43
		17/09/2018	445.08	1.94	15.42
3	Near Raw Material Screen Area	16/04/2018	546.88	13.86	18.52
		08/05/2018	900.36	9.36	5.30
		12.06.2018	325.18	10.20	6.90
		14/07/2018	742.18	10.32	8.64
		08/08/2018	617.49	2.59	19.09
		17/09/2018	514.58	2.59	19.11
4	Near Raw Material Silo	16/04/2018	729.36	16.32	18.72
		08/05/2018	983.69	8.93	6.20
		12.06.2018	511.05	7.89	5.62
		14/07/2018	72.61	7.38	6.52
		09/08/2018	127.66	2.59	15.42
		17/09/2018	226.01	2.59	15.40
5	Near Furnace Area	16/04/2018	1007.93	14.94	17.58
		07/05/2018	743.03	8.50	5.48
		12.06.2018	631.42	11.20	8.80
		16/07/2018	642.16	9.56	8.48
		10/08/2018	279.15	2.38	13.58
		17/09/2018	372.13	2.38	13.58
6	Near Product Screen House	16/04/2018	506.28	14.82	18.64
		07/05/2018	836.73	9.00	5.54
		12.06.2018,	385.20	8.45	9.20
		14/07/2018	1518.00	12.84	11.72
		11-08-2018	422.70	2.59	61.58
		17/09/2018	425.23	2.59	61.58
7	Near Product Silo	16/04/2018	533.87	12.56	16.24
		07/05/2018	533.17	6.20	3.67
		12.06.2018	564.05	10.80	7.25
		16/07/2018	151.70	7.92	7.24
		13/08/2018	193.24	2.16	17.24
		17/09/2018	315.21	2.16	17.29
8	Loading Point	16/04/2018	390.85	14.36	18.72
		07/05/2018	1033.90	9.14	4.45
		12.06.2018	1842.59	9.56	5.60
		16/07/2018	194.27	8.26	6.58
		14/08/2018	225.10	1.94	19.76
		18/09/2018	974.35	1.94	19.71



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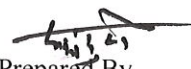
Checked By
V. M. Waghchaure
General Manager (Environment)


B) Hot Strip Mill Plant

1	Near Gas Cleaning Plant Stack - I Control Room	17/04/2018	1313.94	14.48	16.76
		10/05/2018	1359.16	8.93	5.42
		14.06.2018	323.55	10.2	8.52
		11/07/2018	681.46	12.32	10.56
		17/08/2018	220.00	2.59	13.57
		18/09/2018	494.57	2.59	13.55
2	Near Gas Cleaning Plant Stack - II Control Room	17/04/2018	1189.38	15.64	18.78
		11/05/2018	1995.83	8.50	3.2
		14.06.2018	383.52	9.50	5.6
		11/07/2018	118.68	9.42	6.78
		17/08/2018	146.85	3.04	16.11
3	Near Electric Arc Furnace Shell No. 1 & 2	17/04/2018	1195.54	14.32	16.72
		12/05/2018	2069.89	12.11	6.52
		14.06.2018	787.71	9.80	8.2
		11/07/2018	766.04	11.64	9.82
		17/08/2018	723.06	5.40	32.10
4	Near Electric Arc Furnace Shell No. 3 & 4	18/09/2018	1021.02	5.40	32.06
		17/04/2018	1323.24	14.68	16.24
		14/05/2018	1211.17	10.39	6.67
		14.06.2018	550.26	8.8	5.56
		12/07/2018	1194.80	12.48	10.34
5	Near Caster Control Room	18/08/2018	945.72	6.04	43.73
		19/09/2018	1165.91	6.07	44.00
		17/04/2018	899.80	14.98	18.78
		11/05/2018	630.34	7.8	6.2
		14.06.2018	1056.39	11.2	7.89
6	Near Mould & Segment Repair Shop	12/07/2018	862.31	10.26	8.36
		17/08/2018	706.19	3.46	22.23
		18/09/2018	842.13	3.45	22.17
		17/04/2018	867.56	14.16	18.24
		11/05/2018	594.70	6.72	3.20
7	Mill Area	14.06.2018	269.55	9.6	5.96
		12/07/2018	688.05	9.82	7.64
		18/08/2018	404.53	2.81	15.42
		18/09/2018	414.07	2.80	15.40
		17/04/2018	619.90	13.72	16.38
		11/05/2018	744.68	6.80	4.48
		14.06.2018	518.40	10.50	7.50
		12/07/2018	118.77	8.24	6.58
		18/08/2018	170.53	2.13	11.56
		18/09/2018	297.41	2.16	11.72

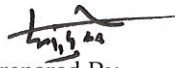
C) Lime Calcining Plant


1	Near Kiln I & II Lime Dedusting System Area	20/04/2018	904.36	14.52	18.34
		17/05/2018	905.35	6.2	3.67
		20/06/2018	555.73	6.8	4.50
		12/07/2018	494.69	8.62	6.84
		10/08/2018	447.78	3.24	17.90
2	Near Product Storage & Quick Lime Building	15/03/2018	2230.3	14.94	18.52
		20/04/2018	992.05	14.86	18.52
		17/05/2018	1487.18	9.14	4.45
		20/06/2018	828.40	7.80	5.90
		12/07/2018	587.08	8.86	7.24
		11/08/2018	308.72	3.67	24.08
		15/03/2018	1671.04	15.62	19.24


 Prepared By
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 Asst. Manager (Environment)



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 General Manager (Environment)


D) Blast Furnace					
1	Near Stock House	19/04/2018	2279.35	14.84	18.68
		09/05/2018	1602.26	8.42	7.65
		13/06/2018	1434.76	10.50	6.90
		13/07/2018	652.78	10.62	8.46
		20/08/2018	147.46	3.23	17.25
		19/09/2018	465.53	3.23	17.25
2	Near Stove Area	19/04/2018	262.68	14.24	18.52
		09/05/2018	1212.63	9.14	6.80
		13.06.2018,	121.12	11.20	5.60
		13/07/2018	1438.78	14.28	12.72
		20/08/2018	334.96	3.67	22.20
		19/09/2018	345.40	3.66	22.17
3	Near Cast House (East)	19/04/2018	1035.39	14.72	18.64
		09/05/2018	883.21	9.03	7.72
		13/06/2018	231.96	8.56	8.12
		13/07/2018	878.50	11.32	10.56
		20/08/2018	775.55	4.10	35.72
		19/09/2018	731.63	4.10	35.77
4	Near Cast House (West)	19/04/2018	1163.20	14.36	19.48
		09/05/2018	713.64	6.70	3.48
		13.06.2018	681.39	7.89	7.90
		14/07/2018	468.88	8.44	3.00
		20/08/2018	656.59	4.96	42.50
		19/09/2018	915.15	4.96	42.50
5	Near Slag Granulation Plant	19/04/2018	448.00	12.68	16.54
		10/05/2018	327.93	6.20	4.42
		13.06.2018	482.39	9.56	5.60
		13/07/2018	539.81	9.82	8.24
		21/08/2018	112.40	3.67	25.90
		19/09/2018	459.45	3.67	25.93
6	Near Pig Casting Machine -I	19/04/2018	1097.10	12.46	17.82
		10/05/2018	838.41	10.30	6.92
		13.06.2018	339.83	11.20	8.20
		13/07/2018	295.84	7.68	6.86
		21/08/2018	148.36	3.02	15.42
		19/09/2018	441.68	3.03	15.44
7	Near Pig Casting Machine -II	19/04/2018	1614.57	14.88	18.54
		10/05/2018	459.25	8.37	4.12
		13.06.2018	284.07	9.56	7.80
		13/07/2018	63.08	6.52	5.48
		21/08/2018	188.28	2.81	17.29
		19/09/2018	630.50	2.81	17.29
E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	20/04/2018	1849.43	15.26	18.72
		14/05/2018	1282.20	9.83	6.90
		15.06.2018	513.26	7.50	8.12
		17/07/2018	1048.40	10.64	9.58
		07/08/2018	575.60	2.58	12.92
		22/09/2018	888.45	2.16	12.95
2	Near Flux Screening & Coal Crushing House	20/04/2018	1447.16	14.58	18.38
		15/05/2018	1798.41	10.39	8.20
		15.06.2018	398.50	6.90	7.45
		17/07/2018	138.11	6.24	6.98
		08/08/2018	870.03	2.72	12.00
		22/09/2018	902.28	2.37	10.47


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3	Near Proportioning House	20/04/2018	913.83	16.54	18.28
		15/05/2018	383.50	6.20	3.20
		15.06.2018	190.73	10.20	6.80
		17/07/2018	107.65	8.46	6.82
		09/08/2018	837.86	1.95	11.79
		22/09/2018	1147.77	1.94	11.70
4	Near Sintering House	20/04/2018	292.03	14.28	16.78
		15/05/2018	383.50	6.20	3.20
		15.06.2018	506.25	8.20	4.58
		17/07/2018	430.84	9.28	6.84
		10/08/2018	433.87	3.25	16.73
		22/09/2018	263.01	3.24	16.67
5	Near Product Screen House	20/04/2018	711.68	13.84	18.38
		15/05/2018	1355.31	9.83	5.56
		15.06.2018	1268.89	7.89	6.30
		17/07/2018	1492.66	12.56	10.76
		11/08/2018	1174.07	3.02	12.95
		22/09/2018	1423.82	3.02	12.93
E) Sinter Plant-II					
1	Near Crushing Bldg.	21/04/2018	1573.18	15.36	20.84
		16/05/2018	272.48	9.36	4.48
		16.06.2018	167.42	11.20	8.90
		18/07/2018	131.63	8.46	7.28
		22/08/2018	182.61	3.02	12.33
		24/09/2018	1288.07	3.02	12.33
2	Near Mixing & Nodulizer Area	21/04/2018	856.55	14.78	18.56
		17/05/2018	1607.77	10.40	5.98
		16.06.2018	748.55	7.89	6.90
		18/07/2018	994.30	9.78	8.26
		22/08/2018	699.05	2.37	12.33
		24/09/2018	1631.01	2.38	12.35
3	Near Sintering Machine	21/04/2018	351.77	13.86	15.72
		17/05/2018	346.10	8.40	15.72
		16.06.2018	175.61	8.50	10.20
		18/07/2018	342.61	8.64	9.86
		23/08/2018	269.32	3.45	15.42
		24/09/2018	505.19	3.45	15.42
4	Near Sintering House	21/04/2018	691.30	14.24	18.56
		16/05/2018	272.48	9.36	4.48
		16.06.2018	206.88	10.20	9.80
		18/07/2018	479.00	11.54	10.16
		21/08/2018	243.49	2.37	11.09
		24/09/2018	383.33	2.37	11.10
5	Near Raw Material Screen Bldg.	21/04/2018	837.52	14.82	18.56
		16/05/2018	1667.64	9.95	6.20
		16.06.2018	786.02	8.90	8.90
		18/07/2018	670.63	10.12	9.46
		22/08/2018	172.32	2.38	11.11
		24/09/2018	1050.37	2.37	11.10
6	Near Product Screen Bldg.	21/04/2018	1089.91	14.46	18.32
		16/05/2018	518.96	8.93	4.56
		16.06.2018	282.62	9.20	7.89
		18/07/2018	100.19	8.42	6.38
		22/08/2018	547.42	3.02	14.16
		24/09/2018	1622.09	3.02	14.18



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F) BILLET CASTER					
1	Near Laddel Furnace Area	25/04/2018	476.14	14.68	18.34
		12/05/2018	1247.54	9.00	3.15
		15.06.2018	594.90	8.56	6.45
		10/07/2018	550.06	9.20	7.32
		13/08/2018	656.05	5.21	37.80
		28/09/2018	1072.35	5.18	37.61
2	Near Casting Floor (Control room) 10.6 m	26/04/2018	1571.21	16.24	18.76
		12/05/2018	681.54	11.60	6.52
		15.06.2018	494.13	10.23	9.50
		10/07/2018	206.85	8.26	9.12
		14/08/2018	340.50	3.24	21.58
		28/09/2018	638.09	3.23	21.55
3	Near Billet Caster Torch Cutter Machine	27/04/2018	440.58	14.58	18.46
		12/05/2018	892.05	8.75	4.50
		16.06.2018	206.16	9.45	6.54
		10/07/2018	232.04	8.72	7.24
		16/08/2018	183.93	2.38	17.90
		28/09/2018	890.53	2.37	17.88

G) BAR MILL					
1	Near CP2 Furnace Mill Area	25/04/2018	716.09	14.26	18.38
		14/05/2018	425.65	10.30	5.66
		20.06.2018,	455.22	8.80	7.40
		23/07/2018	160.54	8.24	6.82
		17/08/2018	150.30	3.02	15.40
		29/09/2018	388.03	3.02	15.40
2	Near Bed Cooling (zero meter) Mill Area	25/04/2018	280.85	14.54	16.82
		14/05/2018	553.60	8.93	7.20
		20.06.2018	287.07	9.78	8.20
		23/07/2018	125.34	7.82	7.96
		17/08/2018	113.00	3.46	21.61
		29/09/2018	441.48	3.45	21.55


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JSW STEEL LIMITED
GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
MONTH : APRIL, 2018

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
01-04-2018	9.43	24.66	8.19	21.87	21.04	45.14	6.29	9.58	13.11	42.26	5.36	13.88	28.84	47.28	7.06	12.98	16.65	41.14	20.15	2.86
02-04-2018	8.61	23.52	6.62	26.01	25.00	48.43	17.42	9.56	14.38	46.89	5.50	17.15	28.98	51.94	9.68	16.22	12.70	42.86	16.12	1.77
03-04-2018	10.93	26.34	9.02	26.47	30.68	48.82	11.64	9.59	13.73	41.35	5.46	18.38	26.04	49.75	9.49	18.77	12.01	43.48	14.03	3.21
04-04-2018	13.90	39.24	9.67	24.70	22.29	48.38	4.70	9.60	17.68	52.44	6.37	22.61	24.43	47.05	7.47	18.78	12.04	39.65	12.54	3.27
05-04-2018	25.71	94.30	9.91	26.06	27.32	68.89	8.19	9.59	18.66	59.08	6.08	18.09	35.82	77.29	8.42	16.70	20.29	68.35	3.83	3.15
06-04-2018	27.69	95.20	9.04	27.60	33.91	89.55	4.21	9.59	18.30	61.38	5.98	17.23	38.54	89.39	11.00	17.19	22.70	82.34	3.57	3.40
07-04-2018	24.37	79.36	8.57	27.48	34.09	83.58	14.75	9.38	17.87	59.08	6.06	16.88	37.12	95.23	12.17	15.83	26.56	83.36	3.76	3.21
08-04-2018	31.04	93.94	8.26	27.16	28.09	72.29	6.10	9.58	16.98	57.38	6.29	16.86	32.57	79.31	11.92	15.62	23.01	72.19	3.72	3.60
09-04-2018	16.23	46.72	6.94	27.78	30.63	80.16	11.97	9.60	18.29	64.41	6.30	34.20	26.79	65.86	10.93	15.93	15.57	59.82	3.65	3.67
10-04-2018	14.80	42.52	6.90	25.48	30.54	75.10	12.22	9.59	15.34	59.83	5.95	32.00	35.86	97.67	10.97	15.80	17.72	68.29	3.78	4.29
11-04-2018	15.00	38.26	6.91	25.21	27.51	66.21	5.75	9.59	14.36	97.03	6.13	11.54	28.62	69.04	10.97	16.67	14.33	54.02	16.53	4.59
12-04-2018	16.04	55.53	7.57	25.12	25.42	63.58	4.84	9.57	15.14	94.62	6.15	9.85	24.61	61.75	10.87	15.77	14.06	54.18	3.99	4.41
13-04-2018	21.08	98.01	9.48	27.69	23.96	61.20	6.32	9.57	13.45	51.85	6.44	9.74	25.53	62.84	11.76	14.92	14.35	53.01	3.75	4.85
14-04-2018	27.99	87.62	8.61	20.64	23.92	56.19	5.53	9.58	12.42	42.77	6.15	5.42	24.15	67.56	11.11	14.57	13.09	51.54	3.97	4.92
15-04-2018	12.66	39.95	8.26	4.11	19.87	38.83	6.32	9.58	11.23	31.98	5.90	4.36	22.81	48.22	10.54	14.77	13.16	45.92	3.98	4.98
16-04-2018	19.57	40.18	7.90	18.43	20.27	51.38	6.95	9.56	11.59	48.55	5.56	4.49	22.01	59.39	11.07	12.36	10.44	40.98	3.96	5.11
17-04-2018	16.94	63.76	7.14	23.54	24.41	55.18	1.84	9.56	12.36	34.06	5.64	1.51	27.37	61.16	11.03	12.90	14.76	51.68	3.45	5.17
18-04-2018	25.65	52.04	7.79	25.11	22.08	47.81	3.55	9.54	14.63	39.68	5.48	0.98	22.28	54.21	11.71	13.90	12.35	38.99	3.86	3.55
19-04-2018	22.74	69.94	7.58	36.74	29.75	65.66	5.17	9.56	17.44	56.66	5.91	2.92	21.58	69.05	12.26	15.28	21.31	56.46	3.81	3.37
20-04-2018	20.35	65.77	7.92	31.45	22.38	43.64	2.92	9.57	11.27	31.49	5.64	3.95	22.45	62.64	12.21	14.78	14.74	53.77	3.47	3.20
21-04-2018	19.36	50.43	8.09	36.30	21.46	54.48	12.36	9.55	12.85	56.54	5.59	17.33	20.70	44.79	10.84	14.96	11.84	38.06	3.86	3.66
22-04-2018	15.94	57.17	7.93	27.45	27.00	73.76	4.76	9.58	15.45	63.93	5.90	17.31	25.92	56.47	11.82	14.50	14.97	60.95	3.73	3.94
23-04-2018	22.99	80.62	8.61	20.64	28.20	60.64	2.73	9.57	18.50	49.63	5.08	11.27	33.89	84.10	11.73	15.00	27.70	66.10	3.87	3.92
24-04-2018	15.71	43.96	7.95	21.22	28.78	68.50	5.33	9.57	17.11	58.09	5.29	11.72	32.26	81.90	10.97	14.82	14.38	50.74	3.50	4.02
25-04-2018	22.22	70.67	13.78	32.97	20.93	59.25	6.69	9.56	15.73	55.84	5.10	8.52	27.16	62.51	11.13	13.76	13.65	44.40	3.67	4.11
26-04-2018	18.96	72.39	8.20	35.62	13.84	44.19	3.22	9.57	11.22	36.34	4.96	6.08	22.25	47.75	11.80	14.06	12.52	44.78	3.78	4.27
27-04-2018	13.45	45.71	8.08	11.77	11.45	25.20	4.65	9.46	10.08	29.91	5.45	5.30	19.86	44.27	12.51	13.94	13.64	43.57	3.85	4.45
28-04-2018	8.44	21.20	7.77	11.27	17.89	32.42	4.49	9.51	8.66	25.81	5.56	10.71	17.32	32.17	11.01	14.72	9.17	33.65	3.96	4.47
29-04-2018	10.66	35.95	8.26	4.11	17.79	31.35	3.93	9.57	8.66	25.87	5.03	5.52	21.13	41.74	11.37	12.81	12.06	40.07	3.95	4.73
30-04-2018	10.16	26.01	8.17	5.55	23.00	42.36	5.90	9.58	11.05	50.19	4.84	8.72	23.09	45.07	11.30	14.52	13.20	45.85	3.87	5.00

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-18	62.0	61.0
Standards	< 75	< 70


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JSW STEEL LIMITED
 GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
 AMBIENT AIR QUALITY MONITORING REPORT
 MONTH : JUNE, 2018

Location Date	Near Kasumata Temple			Near Coke Oven Plant			Near MSEB Substation			Near Goa Gate			Near Dolvi Village						
	PM2.5	PM10	SO2	NOX	SO2	PM10	NOX	SO2	PM10	PM2.5	PM10	SO2	NOX	SO2	PM10	PM2.5	PM10	SO2	NOX
01-06-2018	12.18	43.30	8.63	35.40	4.30	54.53	9.57	5.15	21.03	5.58	23.60	57.26	11.92	12.22	46.50	15.70	46.50	4.00	5.05
02-06-2018	13.09	60.29	8.73	14.45	4.94	40.83	9.57	5.89	16.89	5.29	31.03	51.03	11.70	12.56	31.82	10.52	31.82	3.79	4.86
03-06-2018	9.98	33.75	8.98	14.31	5.09	19.82	9.56	18.68	29.45	6.73	27.79	39.60	11.34	12.35	33.73	10.00	33.73	3.75	6.66
04-06-2018	10.07	42.23	9.05	13.55	3.27	19.07	9.56	4.91	11.28	5.92	17.02	25.24	10.21	12.03	23.96	8.30	23.96	3.48	9.88
05-06-2018	10.58	28.60	8.73	18.63	4.49	32.25	9.45	6.11	17.22	6.14	20.31	26.68	10.29	11.93	25.68	9.83	25.68	3.75	9.88
06-06-2018	10.48	31.65	7.79	13.27	3.49	26.37	9.56	4.48	11.28	6.05	20.17	25.93	10.71	12.45	29.67	13.17	29.67	3.71	9.88
07-06-2018	12.22	93.62	7.11	28.48	4.57	20.15	9.58	3.69	7.86	6.42	14.59	22.74	10.54	12.37	16.67	8.20	16.67	3.84	9.88
08-06-2018	21.98	83.44	9.69	27.64	5.33	15.62	9.57	3.76	8.87	6.27	18.66	35.10	11.20	11.79	26.85	12.54	26.85	3.48	10.71
09-06-2018	18.78	60.64	16.55	30.57	4.10	23.15	9.55	2.13	5.05	6.16	7.49	32.92	11.45	11.42	28.32	14.00	28.32	3.17	5.32
10-06-2018	6.77	34.29	6.83	17.77	3.51	27.58	9.56	3.55	10.30	6.33	8.66	42.84	10.53	12.00	32.94	12.91	32.94	3.33	8.60
11-06-2018	6.23	15.95	6.43	8.32	3.96	30.79	9.56	3.59	13.34	6.39	8.60	41.06	11.27	12.21	94.39	34.39	94.39	3.56	6.68
12-06-2018	6.87	17.54	6.44	10.63	4.40	33.60	9.55	7.76	25.72	6.33	10.46	39.57	9.65	12.60	52.93	10.51	52.93	3.33	8.20
13-06-2018	7.74	19.82	6.56	4.42	5.56	36.92	9.55	7.26	30.93	6.40	26.05	40.84	10.51	11.38	97.31	23.16	97.31	3.42	5.98
14-06-2018	11.98	32.16	8.40	14.35	3.94	37.37	9.55	6.44	28.08	6.47	25.23	43.89	10.79	12.17	53.86	12.23	53.86	3.35	8.23
15-06-2018	13.49	60.74	10.33	14.54	3.64	30.29	9.57	7.04	24.67	6.48	26.80	38.71	10.25	12.63	37.83	14.54	37.83	3.37	8.70
16-06-2018	17.53	63.34	9.20	21.32	4.74	16.70	9.56	5.58	14.60	6.85	22.26	60.97	11.31	10.98	25.32	11.73	25.32	3.73	8.77
17-06-2018	12.67	59.20	7.79	22.87	4.00	17.82	9.55	4.28	10.40	6.83	18.68	89.79	12.16	10.97	21.01	9.78	21.01	3.62	9.08
18-06-2018	7.11	35.09	7.38	21.96	5.05	10.68	9.55	2.15	4.43	6.86	18.02	47.96	11.26	10.82	23.08	9.87	23.08	3.60	8.86
19-06-2018	10.56	20.07	7.49	8.21	5.18	15.48	9.55	3.15	10.07	6.76	17.94	42.61	11.20	12.00	35.73	15.59	35.73	3.63	9.29
20-06-2018	11.90	29.61	6.96	19.30	4.93	62.56	9.57	12.96	54.71	6.90	34.26	32.55	11.38	12.80	26.04	11.09	26.04	3.75	9.59
21-06-2018	17.65	74.09	7.77	39.59	4.52	49.80	9.58	9.82	35.34	7.07	36.56	31.83	11.70	11.63	27.43	12.28	27.43	3.57	9.94
22-06-2018	19.27	57.67	7.27	13.87	4.60	24.56	9.56	7.24	23.10	6.89	20.66	46.32	11.09	11.41	27.87	10.63	27.87	3.59	9.88
23-06-2018	12.22	44.93	8.30	23.95	4.23	69.73	9.50	5.20	10.48	7.00	21.31	19.49	11.48	11.65	15.43	10.90	15.43	3.40	10.63
24-06-2018	11.43	46.31	9.83	14.63	4.27	30.25	9.56	4.44	9.41	6.96	19.66	30.14	10.51	11.64	16.27	9.27	16.27	3.58	9.91
25-06-2018	9.01	24.36	8.02	23.46	4.93	26.35	9.56	7.55	22.54	6.95	21.62	26.48	12.14	13.11	24.05	11.66	24.05	3.68	10.38
26-06-2018	6.36	17.56	7.04	7.99	3.71	20.48	9.55	7.09	23.45	6.71	18.68	27.23	11.19	11.95	49.37	21.53	49.37	3.78	10.32
27-06-2018	6.38	16.84	7.34	4.17	4.76	36.54	9.46	6.28	25.66	6.98	17.68	25.72	11.00	11.81	57.08	25.37	57.08	3.13	10.37
28-06-2018	17.23	63.27	11.17	31.10	3.71	28.79	9.58	6.33	12.32	7.38	19.63	12.82	11.06	11.03	15.84	9.53	15.84	3.13	10.86
29-06-2018	14.22	74.63	10.74	20.95	3.56	34.71	9.58	5.49	15.38	7.38	20.41	14.19	11.18	11.58	27.21	12.32	27.21	3.79	10.58
30-06-2018	11.00	52.99	8.69	15.07	3.65	48.44	9.57	4.23	12.24	7.30	18.96	75.19	11.56	11.26	30.01	14.10	30.01	3.62	10.29

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-18	62.0	61.0
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 : AUGUST, 2017

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
01-08-2018	7.56	22.10	5.92	19.39	14.82	24.67	10.24	9.61	18.03	35.63	7.12	27.37	11.37	12.74	12.53	12.11	18.13	47.94	12.72	10.96
02-08-2018	5.90	24.97	5.48	19.66	21.98	25.84	11.20	8.09	12.92	24.95	5.94	28.95	15.82	18.40	14.85	12.54	17.90	51.54	10.92	10.88
03-08-2018	9.04	25.37	5.33	22.38	18.53	23.68	3.74	1.60	3.04	12.59	5.66	27.96	13.73	19.87	11.94	12.02	9.47	83.83	3.45	10.44
04-08-2018	6.89	20.27	5.57	25.19	15.73	18.20	5.43	3.97	30.03	46.86	9.74	25.93	15.55	24.11	11.40	12.77	15.82	33.48	11.37	11.71
05-08-2018	5.96	16.58	5.32	18.02	16.71	17.24	3.33	4.86	12.40	26.33	10.81	27.89	15.86	24.18	11.33	12.33	8.25	30.89	11.81	10.92
06-08-2018	5.54	15.20	5.29	18.03	11.31	15.56	2.73	3.87	5.50	16.95	5.51	27.36	12.52	22.34	10.19	13.45	19.27	40.75	11.73	10.94
07-08-2018	9.43	23.64	5.24	30.78	12.59	18.03	4.25	3.83	5.06	17.22	4.98	25.02	16.75	22.03	12.11	15.04	13.03	32.26	11.68	10.94
08-08-2018	8.41	21.50	4.22	29.76	10.97	19.74	5.70	3.84	4.33	16.38	4.68	24.64	20.28	28.86	11.92	16.27	15.11	36.85	11.85	10.94
09-08-2018	8.15	20.91	3.45	35.59	15.10	20.66	3.61	5.59	4.22	16.33	5.13	23.54	20.86	30.59	8.72	26.23	10.30	30.42	12.52	10.90
10-08-2018	9.26	22.98	3.65	28.16	15.67	21.33	5.73	3.96	4.34	14.72	5.12	22.53	16.63	25.25	11.76	6.16	6.96	18.16	11.60	10.49
11-08-2018	8.16	21.08	3.49	31.07	11.00	16.53	4.36	11.83	4.16	13.35	4.99	21.48	17.09	31.19	12.15	6.02	5.63	13.85	10.82	11.83
12-08-2018	6.96	17.35	3.29	28.53	11.56	16.06	4.36	7.85	3.63	13.18	5.05	19.79	14.93	25.61	12.14	6.02	21.82	36.52	10.81	10.97
13-08-2018	5.25	14.69	3.26	16.76	12.38	16.25	3.56	4.13	3.38	14.60	5.08	19.43	15.45	22.58	11.43	6.15	9.12	15.86	11.41	11.01
14-08-2018	10.07	23.68	3.38	36.97	12.95	21.02	3.72	3.89	5.18	18.62	5.42	20.39	20.00	37.62	10.99	6.16	6.00	18.08	11.78	10.98
15-08-2018	10.53	28.47	3.58	41.92	11.45	24.93	4.42	3.90	6.89	21.70	5.94	22.04	20.36	37.96	11.15	6.16	6.56	15.31	11.98	10.93
16-08-2018	25.12	49.14	4.50	27.57	13.45	25.46	4.91	3.89	8.80	24.74	6.42	28.17	25.84	56.02	12.83	6.16	6.23	11.94	11.71	10.93
17-08-2018	23.40	36.61	4.19	40.64	14.47	20.00	4.75	3.90	5.28	18.01	6.17	26.11	18.80	33.38	12.97	6.16	8.09	19.28	11.81	10.93
18-08-2018	9.51	22.68	4.02	48.90	46.95	62.35	4.75	3.89	7.52	16.61	6.19	23.92	15.47	22.47	13.28	6.16	9.69	23.30	11.68	10.93
19-08-2018	11.09	29.26	3.80	48.88	12.02	20.51	4.33	3.89	4.53	15.65	5.83	21.94	18.60	30.76	11.89	6.16	7.64	16.72	11.71	10.95
20-08-2018	5.80	30.19	3.78	40.43	24.25	35.48	3.45	3.91	3.62	8.54	5.92	24.15	14.59	20.82	12.33	6.16	6.68	18.88	11.89	10.94
21-08-2018	8.69	24.98	4.14	39.68	11.06	15.64	3.71	3.94	4.19	8.22	6.33	30.38	13.51	18.75	11.26	6.16	7.36	23.92	11.72	10.95
22-08-2018	6.55	22.09	4.74	40.55	32.14	50.84	5.60	3.93	28.16	36.80	7.21	44.39	9.85	13.07	12.23	6.02	20.45	37.70	12.70	10.94
23-08-2018	7.15	18.71	3.94	33.84	18.94	32.23	4.52	3.90	7.07	15.16	7.05	29.78	9.28	18.25	11.59	6.03	26.51	57.19	8.63	10.89
24-08-2018	9.10	33.68	4.88	42.98	14.35	18.97	4.48	3.95	12.81	20.97	6.93	36.24	10.01	17.10	12.07	6.16	8.04	21.65	11.37	11.20
25-08-2018	8.83	25.10	4.63	31.81	13.34	16.84	3.48	3.88	5.92	15.80	6.48	32.22	9.51	16.67	12.22	6.15	15.32	35.69	11.16	11.12
26-08-2018	10.94	33.51	4.31	22.32	15.14	20.45	5.46	3.87	4.33	11.83	6.89	31.79	9.32	13.96	13.03	6.16	12.93	30.61	11.33	11.08
27-08-2018	13.47	65.56	7.46	30.00	19.17	30.74	5.03	3.97	7.78	20.77	6.92	35.20	14.11	20.71	12.26	6.02	5.42	16.23	11.06	11.03
28-08-2018	15.87	72.73	5.94	26.40	15.70	31.56	4.18	3.95	8.28	18.11	6.79	38.13	12.19	20.20	11.42	6.16	11.58	25.56	11.30	11.00
29-08-2018	16.60	70.48	8.85	30.86	40.39	50.67	2.19	3.98	9.16	20.25	6.76	44.26	11.85	19.70	12.10	6.16	6.98	24.01	11.72	10.97
30-08-2018	9.39	21.93	4.27	40.71	Communication Problem				6.18	20.01	7.35	40.13	11.06	34.48	11.78	6.16	4.53	21.43	11.49	10.98
31-08-2018	16.40	73.77	7.03	26.11	12.31	25.43	7.36	27.41	15.53	27.90	10.44	6.16	6.45	20.26	11.42	6.16	6.45	20.26	11.42	11.00

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-18	62.0	61.0
Standards	< 75	< 70



Prepared By
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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, 2018

Location Date	Near Kasumata Temple				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
01-09-2018	11.70	48.50	5.80	31.64	21.30	39.10	6.60	29.90	1.60	19.90	12.10	6.20	9.30	31.40	11.30	11.00
02-09-2018	4.30	16.60	4.40	9.20	4.70	15.20	6.10	26.50	11.00	16.90	11.70	6.20	14.00	41.60	11.30	11.00
03-09-2018	7.30	22.50	5.50	14.50	5.20	38.90	6.00	28.50	14.80	22.70	11.20	6.20	5.50	26.10	11.30	11.00
04-09-2018	7.40	28.30	6.00	16.60	6.70	14.90	6.00	29.60	15.10	29.50	1.80	6.20	9.10	29.10	11.40	10.90
05-09-2018	18.30	64.50	5.60	32.80	8.60	76.80	6.40	38.00	19.90	37.70	11.70	6.20	6.10	23.30	11.70	11.00
06-09-2018	17.20	88.00	6.90	33.40	8.10	55.60	6.50	38.60	18.50	36.70	11.90	6.20	13.00	28.90	11.30	10.90
07-09-2018	18.00	108.50	6.60	34.10	5.90	20.00	6.30	31.90	1.40	2.60	11.50	6.20	6.20	22.50	11.40	11.00
08-09-2018	15.10	97.90	5.70	36.50	6.70	24.70	6.10	29.50	1.50	25.20	11.30	6.20	7.00	28.80	11.30	11.00
09-09-2018	13.70	80.30	5.70	21.50	7.50	27.00	6.00	29.70	11.60	18.30	12.30	6.20	6.40	29.20	11.30	11.00
10-09-2018	11.60	47.80	5.60	24.50	8.50	26.50	6.20	33.30	12.60	28.70	11.90	6.20	5.70	22.00	11.30	10.90
11-09-2018	13.90	50.80	5.60	26.80	12.40	39.60	6.20	38.70	11.80	21.50	12.00	6.20	5.40	18.30	11.50	11.00
12-09-2018	15.40	71.60	5.80	29.50	10.20	31.80	6.00	36.90	11.80	21.30	11.80	6.20	5.10	15.90	11.50	10.90
13-09-2018	12.00	72.00	5.60	28.10	6.00	16.60	5.80	30.30	1.70	23.00	12.50	6.20	6.10	24.00	11.70	6.70
14-09-2018	17.20	98.10	6.80	41.40	7.50	20.10	6.10	31.60	12.60	26.60	11.40	6.20	6.30	20.40	11.00	2.60
15-09-2018	8.90	38.70	5.20	35.25	4.60	13.60	6.10	28.80	9.80	18.90	11.60	6.20	5.80	18.50	11.10	10.90
16-09-2018	9.30	22.90	5.10	32.50	12.20	36.20	6.20	45.00	11.20	17.00	11.50	6.20	5.90	16.90	11.40	10.90
17-09-2018	16.70	54.80	5.50	23.00	8.10	24.80	6.40	39.40	11.40	17.00	11.50	6.20	6.60	17.10	11.50	10.90
18-09-2018	13.90	56.60	6.30	43.00	11.80	34.30	6.60	39.70	17.90	28.80	11.50	6.20	6.10	23.10	11.50	6.10
19-09-2018	14.70	58.60	5.70	35.80	13.10	25.80	6.60	35.00	17.30	19.60	1.50	6.20	5.30	19.20	11.50	0.00
20-09-2018	12.60	31.40	4.90	34.30	19.80	56.90	6.80	35.10	17.70	25.20	1.80	6.20	7.70	18.80	11.70	7.80
21-09-2018	15.60	37.60	5.00	33.20	19.60	42.90	6.60	23.10	23.30	34.30	11.00	6.20	8.80	28.70	11.60	11.00
22-09-2018	15.40	78.40	5.90	22.70	11.20	29.20	6.30	10.20	19.00	32.90	1.60	5.90	7.80	33.70	11.70	10.70
23-09-2018	15.20	79.10	5.70	21.00	16.80	33.10	6.40	24.40	19.10	26.30	9.60	6.20	2.50	1.60	12.80	4.70
24-09-2018	15.40	49.70	5.50	22.80	15.90	36.10	6.30	27.10	17.50	26.20	13.90	6.20	14.60	39.30	11.70	9.80
25-09-2018	18.10	56.10	5.80	38.00	19.80	35.90	6.90	41.60	18.00	28.90	9.90	6.20	8.50	28.00	11.50	7.80
26-09-2018	16.20	52.80	5.40	27.20	20.90	38.00	6.90	38.30	19.20	31.60	11.30	6.20	7.10	26.30	11.70	7.10
27-09-2018	19.00	78.20	6.50	37.50	17.60	33.50	7.80	45.00	17.60	29.60	1.30	6.20	8.40	24.60	11.40	8.50
28-09-2018	19.40	80.30	5.10	28.80	18.60	36.50	7.60	23.00	18.60	21.80	11.10	6.20	8.10	21.10	11.50	8.50
29-09-2018	23.50	112.00	5.70	31.90	22.40	43.70	7.30	24.90	24.20	26.40	9.10	6.20	8.80	21.80	11.30	8.50
30-09-2018	27.80	103.70	6.50	38.40	20.90	46.70	6.90	23.30	28.50	35.10	9.80	6.20	10.30	28.60	11.50	8.50

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-18	62.0	61.0
Standards	< 75	< 70

Prepared By

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Checked By

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GM (Environment)