



o/c

JSW Steel Limited

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

October 18, 2017

JSWSL/ENV/MOEF&CC/2017

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 2017 to September 2017.

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.

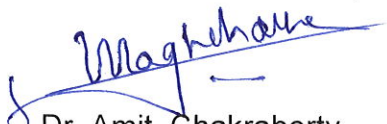
Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2017 to September 2017 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from Sponge Iron Plant, Hot Strip Mill Plant, Blast Furnace Plant, Lime Calcining Plant, Captive Power Plant, Sinter Plant-I, Sinter Plant-II, Billet Caster and Bar Mill and Ambient Air Quality for the Integrated Steel Plant.

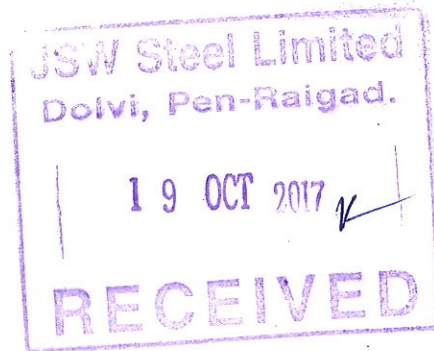
This is for your information and record please.

Thanking You,

Yours Faithfully,
For JSW Steel Limited,



Dr. Amit. Chakraborty
General Manager & Head 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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Part of O.P. Jindal Group


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	ACTUAL VALUES					
			Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
1	Chromium	mg/l	0.0012	0.0013	0.0012	0.0013	0.0013	0.0013
2	Zinc	mg/l	0.096	0.098	0.097	0.097	0.098	0.099
3	Phosphate	mg/l	0.87	0.90	0.86	0.91	0.87	0.90
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil


Prepared By
A.V. Shikhare
Asst. 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	ACTUAL VALUES					
			Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
1	Temperature	°C	27.4	27.3	27.2	27.3	27.3	27.2
2	pH	-	7.2	7.2	7.2	7.3	7.3	7.3
5	D.O.	mg/l	5.3	5.3	5.3	5.2	5.3	5.3
3	T.S.S.	mg/l	17.7	17.8	18.0	17.8	17.9	18.7
4	T.D.S.	mg/l	237.0	230.5	244.0	230.4	238.0	233.0
6	C.O.D.	mg/l	28.1	28.0	25.0	27.8	29.4	26.7
7	B.O.D.	mg/l	6.8	7.1	7.3	6.9	7.2	7.0
8	Oil & Grease	mg/l	3.1	3.0	2.8	2.9	2.4	2.8
9	Iron	mg/l	0.3	0.3	0.3	0.3	0.3	0.3
10	Chlorides	mg/l	57.5	52.5	55.0	55.0	57.5	52.5
11	Sulphates	mg/l	2.3	2.2	2.2	2.3	2.3	2.3
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	°C	27.9	27.9	27.8	27.9	28.0	28.0


Prepared By
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Asst. 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	ACTUAL VALUES					
			Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
1	Temperature	°C	57.4	57.7	57.5	58.0	57.9	57.7
2	pH	-	8.2	8.1	8.1	8.1	8.2	8.1
5	D.O.	mg/l	2.3	2.3	2.2	2.2	2.2	2.2
3	T.S.S.	mg/l	555.9	555.5	547.5	549.6	563.8	558.8
4	T.D.S.	mg/l	445.5	431.0	464.7	464.7	453.3	452.7
6	C.O.D.	mg/l	37.5	38.7	37.5	38.5	37.4	36.0
7	B.O.D.	mg/l	7.7	7.8	7.8	7.9	7.6	7.4
8	Oil & Grease	mg/l	3.9	3.9	4.0	3.8	3.6	3.8
9	Iron	mg/l	1.3	1.3	1.2	1.3	1.3	1.2
10	Chlorides	mg/l	161.2	162.4	160.0	158.9	157.4	158.7
11	Sulphates	mg/l	3.2	3.2	3.2	3.2	3.2	3.3


Prepared By
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Asst. 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 MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³					
									Particulate Matter (PM)	SO ₂	NOx	CO		
Hot Strip Mill Plant														
Plant Capacity: 3.0 MTPA														
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	18/04/2017, 10:45 Hrs. 16/05/2017, 10:20 Hrs. 20/06/2017, 09:30 Hrs. 26/07/2017, 09:30 Hrs. 21/08/2017, 10:00 Hrs. 12.09.2017, 10:10 Hrs	10776 8740 10468 10368 11167 9460	23.55 23.68 16.09 15.25 15.35 15.40	12.16 11.59 12.60 14.93 5.63 11.94	<1 <1 <1 <1 <1 <1	11.50 15.21 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA		
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	18/04/2017, 12:10 Hrs. 16/05/2017, 10:30 Hrs. 20/06/2017, 12:00 Hrs. 16/07/2017, 11:00 Hrs. 21/08/2017, 12:00 Hrs. 12.09.2017, 12:30 Hrs	10776 8740 10468 9095 11167 9460	16.76 16.48 13.50 16.86 11.49 11.70	25.66 23.67 18.10 14.14 5.10 12.65	<1 <1 <1 <1 <1 <1	10.89 11.36 <0.1 10.25 <0.1 <0.1	NA NA NA NA NA NA		
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	18/04/2017, 13:30 Hrs. 16/05/2017, 12:55 Hrs. 20/06/2017, 12:00 Hrs. 16/07/2017, 12:10 Hrs. 21/08/2017, 15:00 Hrs. 12.09.2017, 13:30 Hrs	10776 8740 10468 9095 11167 9460	21.07 21.55 16.50 21.22 15.50 15.67	24.70 21.13 13.06 18.69 4.68 12.04	<1 <1 <1 <1 <1 <1	16.29 10.38 <0.1 12.79 <0.1 <0.1	NA NA NA NA NA NA		
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	19/04/2017, 11:10 Hrs. 17/05/2017, 10:15 Hrs. 26/06/2017, 10:40 Hrs. 24/07/2017, 11:20 Hrs. 08/08/2017, 10:00 Hrs. 27.09.2017, 13:30 Hrs	10163 8836 9371 7470 9657 9955	20.26 21.14 20.80 19.92 12.30 12.13	10.47 13.73 11.47 13.77 13.91 22.29	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA		

Prepared By
 A.V.Shikhare
 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	19/04/2017, 12:00 Hrs.	10163	8.34	17.46	<1	<0.1	NA
						17/05/2017, 14:00 Hrs.	8836	8.58	24.79	<1	<0.1	NA
						19/06/2017, 10:00 Hrs.	9722	8.69	25.44	<1	<0.1	NA
						24/07/2017, 14:00 Hrs.	7470	8.33	13.53	<1	<0.1	NA
						08/08/2017, 12:00 Hrs.	9657	8.43	10.41	<1	<0.1	NA
						27.09.2017, 10:30 Hrs	9955	8.54	15.39	<1	<0.1	NA
						19/04/2017, 12:40 Hrs.	10163	19.77	7.63	<1	<0.1	NA
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	17/05/2017, 11:40 Hrs.	8836	20.01	6.89	<1	<0.1	NA
						26/06/2017, 12:40 Hrs.	9371	20.89	12.32	<1	<0.1	NA
						24/07/2017, 12:30 Hrs.	7470	18.99	8.63	<1	<0.1	NA
						08/08/2017, 14:00 Hrs.	9657	7.86	13.88	<1	<0.1	NA
						26.09.2017, 10:30 Hrs	9717	7.92	12.89	<1	<0.1	NA
						19/04/2017, 14:00 Hrs.	10163	18.57	11.36	<1	<0.1	NA
						17/05/2017, 12:45 Hrs.	8836	19.88	10.51	<1	<0.1	NA
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	26/06/2017, 11:30 Hrs.	9371	19.97	10.21	<1	<0.1	NA
						24/07/2017, 15:30 Hrs.	7470	7.50	13.50	<1	<0.1	NA
						08/08/2017, 15:30 Hrs.	9657	7.64	11.20	<1	<0.1	NA
						26.09.2017, 12:30 Hrs	9717	7.91	13.97	<1	<0.1	NA
						14/04/2017, 11:00 Hrs.	122	4.35	16.73	<1	<0.1	NA
						15/05/2017, 10:30 Hrs.	57	4.78	18.95	<1	<0.1	NA
						19/06/2017, 12:30 Hrs.	161	4.93	18.19	<1	<0.1	NA
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	25/07/2017, 10:30 Hrs.	275	4.55	16.68	<1	<0.1	NA
						09/08/2017, 10:30 Hrs.	133	4.89	13.00	<1	<0.1	NA
						28.09.2017, 10:30 Hrs	194	5.21	15.30	<1	<0.1	NA
						14/04/2017, 13:50 Hrs.	8306	14.07	15.88	<1	<0.1	NA
						18/05/2017, 11:35 Hrs.	9527	13.63	16.77	<1	<0.1	NA
						26/06/2017, 15:15 Hrs.	9371	13.16	12.76	<1	<0.1	NA
						25/07/2017, 14:00 Hrs.	10181	6.02	23.66	<1	<0.1	NA
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	09/08/2017, 14:00 Hrs.	4816	6.02	18.96	<1	<0.1	NA
						28.09.2017, 13:00 Hrs	8198	6.16	23.96	<1	<0.1	NA
							CPCB Norms	<100	NA	50	NA	NA

Checked By
V M Waghchaure
GM (Environment)

Prepared By
A.V.Shikhare
Asst. Manager (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
Plant Capacity: 0.44 MTPA												
II Lime Calcination Plant												
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	20/04/2017,10:00 Hrs. 16/05/2017,10:00 Hrs. 19/06/2017,11:00 Hrs. 17/07/2017,10:00 Hrs. 22/08/2017,10:30 Hrs. 08.09.2017,10:00 Hrs	320 432 580 533 547 572	11.19 11.31 11.50 11.37 11.13 11.22	24.20 22.55 30.99 17.92 17.63 17.92	<1 <1 NA <1 <1 <1	<0.1 <0.1 NA <0.1 <0.1 <0.1	NA NA NA NA NA NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	13.09.2017,14:00 Hrs 24/05/2017,15:00 Hrs. 15/06/2017,16:00 Hrs. 12/07/2017,11:40 Hrs. 22/08/2017,12:10Hrs. 13.09.2017,14:00 Hrs	273 296 307 240 250 273	15.13 13.40 13.22 12.41 15.13 15.13	10.49 19.87 16.25 12.64 4.99 10.49	<1 <1 <1 <1 <1 <1	36.6 <0.1 <0.1 <0.1 42.9 36.6	NA NA NA NA NA NA
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	13.09.2017,12:00 Hrs 24/05/2017,15:50 Hrs. 15/06/2017,11:50 Hrs. 12/07/2017,12:20 Hrs. 24/08/2017,12:20 Hrs. 13/09/2017,12:00 Hrs	261 286 277 270 285 261	14.64 13.23 13.56 13.09 14.61 14.64	18.87 22.71 20.31 16.91 17.67 18.87	<1 <1 <1 <1 <1 <1	36.1 <0.1 <0.1 <0.1 57.1 36.1	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	12/09/2017,10:10 Hrs 24/05/2017,16:50 Hrs. 15/06/2017,10:40 Hrs. 12/07/2017,13:25 Hrs. 24/08/2017,13:25 Hrs. 12/09/2017,10:10 Hrs	540 582 584 510 474 540	11.69 13.44 13.61 13.26 7.10 11.69	21.97 23.79 18.83 19.55 19.17 21.97	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA

Prepared By
A.V.Shikhare
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	12/09/2017,14:00 Hrs 25/05/2017,13:10 Hrs. 19/06/2017,14:00 Hrs. 17/07/2017,14:00 Hrs. 22/08/2017,15:00 Hrs. 12.09.2017,14:00 Hrs	479 310 293 320 296 479	7.02 16.34 7.09 6.90 6.90 7.02	15.85 21.34 24.78 16.39 16.54 15.85	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	08.09.2017,14:00 Hrs 25/05/2017,11:55 Hrs. 20/06/2017,15:30 Hrs. 12/07/2017,14:05 Hrs. 23/08/2017,14:05 Hrs. 08.09.2017,14:00 Hrs	447 310 349 397 451 447	14.87 12.38 12.13 12.96 7.38 14.87	16.44 23.63 20.19 21.08 18.83 16.44	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	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	11.09.2017,14:30 Hrs 25/05/2017,10:45 Hrs. 15/06/2017,13:00 Hrs. 17/07/2017,14:30 Hrs. 23/08/2017,14:30 Hrs. 11.09.2017,14:30 Hrs	481 310 107 320 451 481	14.48 12.15 12.66 14.78 6.80 14.48	15.12 27.60 17.14 15.67 18.02 15.12	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
							CPCB Norms		<100	NA	100	NA

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Asst. Manager (Environment)

Checked By
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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		
III Sponge Iron Plant											Plant Capacity: 2.0 MTPA			
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	13/04/2017,16:30 Hrs.	4415	35.67	7.12	<1	<0.1	NA		
						18/05/2017,14:30 Hrs.	4236	34.22	4.20	<1	<0.1	NA		
						24/06/2017,13:30 Hrs.	4553	34.37	8.36	<1	<0.1	NA		
						14/07/2017,14:30 Hrs.	4539	34.37	4.21	<1	<0.1	NA		
						14/08/2017,11:14 Hrs.	4765	43.43	5.49	0.2	11.7	NA		
						26.09.2017,15:00 Hrs	4627	35.45	4.27	0.2	27.0	NA		
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	12/04/2017,13:55 Hrs.	3960	11.96	25.01	<1	<0.1	NA		
						19/05/2017,13:30 Hrs.	4215	12.75	22.16	<1	<0.1	NA		
						16/06/2017,15:30 Hrs.	4510	12.07	17.96	<1	<0.1	NA		
						14/07/2017,10:30 Hrs.	4539	10.12	12.78	<1	<0.1	NA		
						14/08/2017,10:12 Hrs.	4765	9.03	11.41	<1	<0.1	NA		
						02.09.2017,12:30 Hrs	4592	12.41	20.41	<1	<0.1	NA		
3	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	12/04/2017,10:40 Hrs.	3960	13.78	20.48	<1	<0.1	NA		
						19/05/2017,10:30 Hrs.	4215	14.45	17.62	<1	<0.1	NA		
						23/06/2017,11:20 Hrs.	4441	14.01	13.14	<1	<0.1	NA		
						21/07/2017,10:30 Hrs.	4445	14.96	15.74	<1	<0.1	NA		
						14/08/2017,12:31 Hrs.	4765	16.11	15.81	<1	<0.1	NA		
						02.09.2017,15:30 Hrs	4592	11.24	18.81	<1	<0.1	NA		
						12/04/2017,11:30 Hrs.	3960	14.37	23.41	<1	<0.1	NA		
						19/05/2017,11:30 Hrs.	4215	14.29	20.66	<1	<0.1	NA		
						23/06/2017,10:20 Hrs.	4441	13.78	15.25	<1	<0.1	NA		
						21/07/2017,11:40 Hrs.	4445	15.72	11.75	<1	<0.1	NA		
						16/08/2017,11:07 Hrs.	4861	4.82	16.35	<1	<0.1	NA		
						02.09.2017,14:00 Hrs	4592	13.06	14.35	<1	<0.1	NA		

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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	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	12/04/2017,15:30 Hrs. 19/05/2017,15:30 Hrs. 23/06/2017,15:20 Hrs. 14/07/2017,12:30 Hrs. 16/08/2017,15:30 Hrs. 02.09.2017,14:00 Hrs	3960 4215 4441 4539 4861 4592	12.52 12.11 10.39 9.39 12.28 14.37	15.86 10.23 9.20 8.21 8.40 8.40	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
CPCB Norms									< 50	40.5	NA	10000

Plant Capacity: 3.5 MTPA												
IV Blast Furnace Plant												
1	De-Dusting System Stack I	Stock House	45	2.5	Bag Filters	14/04/2017,10:40 Hrs. 23/05/2017,11:00 Hrs. 22/06/2017,11:20 Hrs. 20/07/2017,10:50 Hrs. 23/08/2017,10:30 Hrs. 09.09.2017,12:30 Hrs	7404 8990 6898 7225 8215 8103	12.79 12.87 12.10 10.89 10.78 10.78	33.41 30.28 21.14 19.67 30.15 30.15	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	14/04/2017,11:50 Hrs. 23/05/2017,12:10 Hrs. 22/06/2017,12:30 Hrs. 20/07/2017,11:50 Hrs. 23/08/2017,11:53 Hrs. 09.09.2017,15:30 Hrs	7404 8990 6898 7225 8215 8103	11.19 12.46 12.80 10.07 9.85 9.85	22.32 18.50 16.54 14.36 28.32 28.32	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	20/04/2017,13:40 Hrs. 23/05/2017,13:20 Hrs. 23/06/2017,13:20 Hrs. 21/07/2017,14:20 Hrs. 24/08/2017,14:12 Hrs. 25.09.2017,13:20 Hrs	8572 8990 7057 7566 8006 8826	16.19 15.98 14.32 14.28 14.30 9.33	23.42 20.83 21.83 21.44 10.25 10.81	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	19/04/2017,16:00 Hrs.	8354	16.98	38.91	<1	<0.1	NA
						26/05/2017,11:20 Hrs.	7610	17.13	38.91	<1	<0.1	NA
						17/06/2017,11:00 Hrs.	6333	18.03	32.14	<1	<0.1	NA
						21/07/2017,11:10 Hrs.	7566	18.21	10.25	<1	<0.1	NA
						24/08/2017,11:10 Hrs.	8006	19.56	12.54	<1	<0.1	NA
						25.09.2017,11:10 Hrs.	8826	12.15	21.73	<1	<0.1	NA
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	20/04/2017,12:10 Hrs.	176	12.87	14.39	19.57	25.18	NA
						26/05/2017,12:20 Hrs	199	13.06	11.38	21.52	23.70	NA
						24/06/2017,12:45 Hrs.	186	13.30	13.30	23.78	26.36	NA
						21/07/2017,15:45 Hrs.	178	13.10	10.99	23.78	26.36	NA
						24/08/2017,15:30 Hrs.	286	12.45	8.56	<1	<0.1	NA
						25.09.2017,14:20 Hrs.	302	10.25	10.73	<1	<0.1	NA
						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	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	13/04/2017,14:10 Hrs. 22/05/2017,11:00 Hrs. 27/06/2017,16:20 Hrs. 28/07/2017,11:30 Hrs. 06/08/2017,12:30 Hrs. 16.09.2017,13:00 Hrs.	5730 5085 4003 3640 4872 5870	13.06 13.53 11.98 9.33 8.71 9.48	23.93 19.98 15.78 18.01 23.96 22.75	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	13/04/2017,12:50 Hrs. 22/05/2017,12:40 Hrs. 22/06/2017,15:40 Hrs. 26/07/2017,11:45 Hrs. 06/08/2017,11:30 Hrs. 15.09.2017,15:00 Hrs.	5730 5085 5408 4739 4872 5870	11.97 13.08 13.15 9.98 8.80 5.51	17.19 15.82 14.39 18.69 24.21 28.22	12.23 10.98 12.90 11.25 <1 <1	19.18 15.57 14.29 16.90 <0.1 <0.1	NA NA NA NA NA NA
3	Propotioning ESP Stack	Propotioning House	50	2.404	Electrostatic Precipitators	13/04/2017,11:50 Hrs. 22/05/2017,15:30 Hrs. 22/06/2017,16:40 Hrs. 26/07/2017,12:45 Hrs. 06/08/2017,10:05 Hrs. 15.09.2017,11:00 Hrs.	5730 5085 5408 4739 4872 5870	13.33 13.51 12.99 11.98 9.20 9.61	18.49 17.44 19.11 13.69 22.52 25.00	10.29 12.90 14.35 10.28 <1 <1	15.70 17.11 18.92 18.05 <0.1 <0.1	NA NA NA NA NA NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	13/04/2017,10:30 Hrs. 22/05/2017,13:20 Hrs. 27/06/2017,15:10 Hrs. 26/07/2017,10:15 Hrs. 09/08/2017,10:15 Hrs. 15.09.2017,12:00 Hrs.	5730 5085 4003 4739 4844 5870	20.54 21.86 20.97 21.72 11.17 8.20	40.39 43.66 36.79 31.72 39.57 33.16	15.25 17.19 19.71 15.69 10.2 <1	26.20 21.58 20.79 23.78 15.3 2.2	NA NA NA NA NA NA

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	15/04/2017,10:30 Hrs. 12/05/2017,11:30 Hrs. 17/06/2017,11:10 Hrs. 26/07/2017,15:20 Hrs. 09/08/2017,15:20 Hrs. 16.09.2017,11:00 Hrs	1453 6122 5059 4739 4844 5870	8.44 8.30 8.23 14.78 12.08 8.87	58.4 56.6 36.9 18.26 51.21 46.06	NA <1 <1 10.11 <1 <1	NA <0.1 <0.1 17.60 <0.1 <0.1	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	21/04/2017,11:10 Hrs. 25/05/2017,11:50 Hrs. 24/06/2017,11:50 Hrs. 29/07/2017,16:00 Hrs. 11/08/2017,10:00 Hrs. 23/09/2017,11:30 Hrs	6284 6210 7170 2605 6897 7361	25.02 22.67 10.30 16.56 12.00 12.00	24.75 20.45 17.24 17.92 16.92 37.51	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	21/04/2017,12:30 Hrs. 25/05/2017,13:05 Hrs. 23/06/2017,13:05 Hrs. 27/07/2017,11:30 Hrs. 11/08/2017,12:30 Hrs. 22/09/2017,12:30 Hrs	6284 6210 4341 6897 6335 6289	11.03 12.39 8.94 11.42 9.00 5.56	21.19 19.87 18.35 18.27 21.04 43.22	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	NA NA NA NA NA NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	22/04/2017,10:30 Hrs. 25/05/2017,14:30 Hrs. 23/06/2017,14:25 Hrs. 29/07/2017,12:40 Hrs. 12/08/2017,11:25 Hrs. 22.09.2017,14:00 Hrs	6210 2114 2605 3477 6335	14.17 14.37 10.42 11.10 10.56 13.52	18.89 16.40 15.31 11.02 16.96 47.44	<1 <1 <1 <1 <1 <1	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	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	NO _x	CO
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	22/04/2017,12:30 Hrs.	6289	11.23	23.74	<1	<0.1	NA
						25/05/2017,16:40 Hrs.	6210	12.39	20.88	<1	<0.1	NA
						23/06/2017,15:30 Hrs.	2114	9.93	22.20	<1	<0.1	NA
						29/07/2017,14:30 Hrs.	2605	10.06	19.63	<1	<0.1	NA
						11/08/2017,11:20 Hrs.	6897	9.88	20.14	<1	<0.1	NA
						23.09.2017,14:30 Hrs	7361	9.90	39.53	<1	<0.1	NA
						21/04/2017,16:30 Hrs.	6284	12.83	24.80	<1	<0.1	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	24/05/2017,16:50 Hrs.	6345	13.84	26.79	<1	<0.1	NA
						27/06/2017,16:20 Hrs.	5067	13.28	22.70	<1	<0.1	NA
						27/07/2017,14:10 Hrs.	4341	12.27	15.83	<1	<0.1	NA
						12/08/2017,14:40Hrs.	3477	8.79	17.99	<1	<0.1	NA
						23.09.2017,15: 30 Hrs	7361	8.72	38.53	<1	<0.1	NA
						21/04/2017,13:55 Hrs.	6284	14.38	22.90	<1	<0.1	NA
						24/05/2017,14:45 Hrs.	6345	15.49	24.60	<1	<0.1	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	24/06/2017,14:45 Hrs.	7170	9.12	26.33	<1	<0.1	NA
						27/07/2017,12:25 Hrs.	4341	14.09	20.57	<1	<0.1	NA
						11/08/2017,14:45 Hrs.	6897	8.91	19.46	<1	<0.1	NA
						22.09.2017,16:30 Hrs	6335	9.00	20.35	<1	<0.1	NA
						21/04/2017,15:15 Hrs.	6284	14.03	26.90	<1	<0.1	NA
						24/05/2017,15:50 Hrs.	6345	15.13	28.11	<1	<0.1	NA
						27/06/2017,15:20 Hrs.	5067	15.29	24.39	<1	<0.1	NA
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	27/07/2017,13:20 Hrs.	4341	13.72	21.72	<1	<0.1	NA
						12/08/2017,12:40 Hrs.	3477	8.78	24.71	<1	<0.1	NA
						23.09.2017,12: 30 Hrs	7361	9.80	43.27	<1	<0.1	NA

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									Particulate Matter (PM)	SO ₂	NOx

8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	22/04/2017,11:50 Hrs.	6289	12.81	16.33	<1	<0.1	NA
						25/05/2017,15:40 Hrs.	6210	13.63	15.67	<1	<0.1	NA
						23/06/2017,15:45 Hrs.	2114	8.92	25.43	<1	<0.1	NA
						27/07/2017,11:20 Hrs.	4341	9.50	19.16	<1	<0.1	NA
						11/08/2017,15:50 Hrs.	6897	8.80	22.95	<1	<0.1	NA
						25.09.2017,11:00 Hrs	6577	8.86	19.03	<1	<0.1	NA
CPCB Norms									NA	NA	NA	

VII Captive Power Plant (55 MW)

1	Boiler Stack	Boiler	40	5.0	Blower	20/04/2017,10:40 Hrs.	1327	20.82	11.27	NA	NA	NA
						23/05/2017,16:00 Hrs.	1329	20.61	13.56	<1	<0.1	NA
						22/06/2017,16:00 Hrs.	9064	20.89	11.38	<1	<0.1	NA
						20/07/2017,15:30 Hrs.	1271	19.96	14.44	<1	<0.1	NA
						07/08/2017,12:00 Hrs.	934	18.65	8.50	<1	36.5	NA
						01/09/2017,11:00 Hrs.	840	10.28	2.72	<1	0.1	NA
CPCB Norms									NA	NA	NA	

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)												
1	Billet Caster Stack	Laddle Heating Furnace	80	2.0	Fume extraction system	04/04/2017,14:00 Hrs.	2260	7.15	3.72	<1	<0.1	NA
						18/05/2017,10:20	3195	18.92	12.23	11.0	11.22	NA
						27/06/2017,11:30 Hrs.	1143	19.83	14.85	10.18	13.80	NA
						24/07/2017,15:30	3451	18.92	12.57	11.91	15.80	NA
						05/08/2017,12:00 Hrs.	1518	8.31	4.29	<1	<0.1	NA
						09/09/2017,10:00 Hrs.	2241	8.68	4.23	7.7	<0.1	NA
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	24/04/2017,11:00 Hrs.	1432	18.80	10.29	10.2	13.38	NA
						29/05/2017,13:45 Hrs.	1707	18.37	14.59	<1	<0.1	NA
						27/06/2017,11:00 Hrs.	1849	20.00	5.31	<1	1.7	NA
						26/07/2017,16:00	391	5.88	4.90	<1	<0.1	NA
						06/08/2017,10:00 Hrs.	1463	18.78	7.16	<1	2.3	NA
						06/09/2017,12:00 Hrs.	1363	20.00	11.47	0.8	35.4	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	04-11-2017	1958.27	19.28	22.15
		05-15-2017	1639.58	14.60	20.15
		06-14-2017	1766.30	13.27	22.17
		07-11-2017	1570.10	19.85	25.74
		08-10-2017	340.00	6.91	30.83
		11-09-2017	343.47	2.58	30.76
2	Near Raw Material Feeding Area	04-11-2017	1130.30	17.10	26.22
		05-15-2017	1483.67	16.30	21.94
		06-14-2017	1135.18	21.25	23.10
		07-11-2017	1052.62	15.74	19.06
		08-11-2017	168.68	3.87	30.75
		12-09-2017	279.18	3.89	30.91
3	Near Raw Material Screen Area	04-11-2017	1850.13	13.72	19.32
		05-15-2017	1257.63	15.89	22.76
		06-14-2017	1530.10	12.54	18.22
		07-11-2017	1288.30	13.92	20.18
		08-12-2017	261.07	5.19	38.33
		13-09-2017	261.35	5.18	38.23
4	Near Raw Material Silo	04-12-2017	1780.11	18.20	22.13
		05-16-2017	1263.61	21.57	23.19
		06-15-2017	1042.13	16.31	20.01
		07-12-2017	981.40	11.83	15.52
		08-01-2017	363.91	4.32	24.66
		04-09-2017	311.81	4.31	24.60
5	Near Furnace Area	04-12-2017	1439.35	18.91	21.23
		05-16-2017	1690.46	14.27	18.52
		06-15-2017	1481.91	12.20	15.93
		07-12-2017	1055.01	16.83	19.90
		08-02-2017	365.73	4.74	27.06
		05-09-2017	201.89	4.76	27.20
6	Near Product Screen House	04-12-2017	1889.20	12.29	17.19
		05-16-2017	1783.67	15.67	19.67
		06-15-2017	1225.10	13.38	21.90
		07-12-2017	1654.85	10.25	12.36
		08-03-2017	418.44	5.19	123.63
		06-09-2017	278.82	5.18	22.20
7	Near Product Silo	04-12-2017	734.21	11.79	21.70
		05-16-2017	697.27	10.81	26.32
		06-15-2017	830.12	12.35	20.78
		07-12-2017	942.10	17.35	18.90
		08-07-2017	450.62	4.31	34.44
		07-09-2017	298.90	4.33	34.62
8	Loading Point	04-12-2017	1633.05	15.29	21.69
		05-16-2017	1276.69	16.83	24.89
		06-15-2017	1106.38	12.70	28.10
		07-12-2017	1106.38	12.70	28.10
		08-08-2017	460.73	3.89	39.56
		08-09-2017	293.33	3.88	39.46

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B) Hot Strip Mill Plant

1	Near Gas Cleaning Plant Stack - I Control Room	04-13-2017	1330.22	13.81	26.19
		05-17-2017	1525.13	16.28	31.10
		06-15-2017	2169.36	20.17	24.36
		07-13-2017	1651.25	18.39	21.91
		08-07-2017	258.72	4.26	20.71
		07-09-2017	872.10	3.88	23.43
2	Near Gas Cleaning Plant Stack - II Control Room	04-13-2017	655.49	14.34	21.18
		05-17-2017	721.56	18.10	25.19
		06-16-2017	924.10	14.25	20.81
		07-13-2017	714.63	15.36	17.12
		08-08-2017	977.20	5.08	26.60
		08-09-2017	1066.38	4.69	31.67
3	Near Electric Arc Furnace Shell No. 1 & 2	04-13-2017	939.10	11.35	15.23
		05-17-2017	1138.52	16.40	18.91
		06-15-2017	1516.21	19.92	21.70
		07-13-2017	1104.52	12.14	17.31
		08-10-2017	1877.66	7.19	64.08
4	Near Electric Arc Furnace Shell No. 3 & 4	09-09-2017	1634.06	6.91	60.43
		04-13-2017	2410.11	13.36	18.40
		05-17-2017	2812.75	17.08	21.10
		06-16-2017	1958.27	13.47	18.37
		07-13-2017	2246.37	16.85	20.05
		08-11-2017	2789.04	10.33	93.49
5	Near Caster Control Room	11-09-2017	2438.07	8.93	80.19
		04-13-2017	1477.25	13.91	16.22
		05-17-2017	1268.96	15.37	19.66
		06-16-2017	1605.31	12.87	15.11
		07-13-2017	1289.00	17.58	25.89
		08-12-2017	889.60	5.54	42.63
6	Near Mould & Segment Repair Shop	12-09-2017	1357.61	6.04	44.40
		04-13-2017	2328.24	18.93	26.81
		05-17-2017	2052.10	13.66	23.90
		06-16-2017	2327.10	18.35	25.10
		07-13-2017	2015.96	14.21	19.86
		08-14-2017	225.96	5.10	30.38
7	Mill Area	13-09-2017	551.09	4.75	24.66
		04-13-2017	659.18	13.39	16.31
		05-17-2017	593.67	12.38	18.27
		06-16-2017	869.37	15.96	26.11
		07-13-2017	685.82	16.92	22.93
		08-15-2017	180.07	4.32	22.20
		14-09-2017	224.37	3.41	19.49

C) Lime Calcining Plant

1	Near Kiln I & II Lime Dedusting System Area	04-12-2017	2721.81	18.19	21.70
		05-16-2017	2567.19	11.67	28.96
		06-15-2017	1767.13	10.80	21.94
		07-12-2017	1536.1	21.12	23.80
		08-01-2017	448.91	5.18	23.43
		05-09-2017	380.07	4.75	27.13
2	Near Product Storage & Quick Lime Building	04-12-2017	931.10	12.24	15.18
		05-16-2017	827.63	16.39	18.05
		06-15-2017	1295.11	21.51	23.78
		07-12-2017	990.98	13.18	16.83
		08-02-2017	882.09	5.54	29.23
		06-09-2017	895.98	5.53	31.59

D) Blast Furnace

1	Near Stock House	04-14-2017	2258.50	14.32	16.90
		05-18-2017	1936.81	17.92	19.73
		06-16-2017	1757.69	20.14	23.76
		07-14-2017	1610.19	16.36	19.20
		08-07-2017	636.67	3.88	29.60
		07-09-2017	1789.16	5.95	34.02
2	Near Stove Area	04-14-2017	1334.36	13.92	18.23
		05-18-2017	1632.18	10.92	16.20
		06-16-2017	2137.99	13.40	17.18
		07-14-2017	2357.15	17.15	18.61
		08-08-2017	232.75	4.65	27.81
		08-09-2017	234.48	5.12	26.80
3	Near Cast House (East)	04-14-2017	1370.11	10.28	21.16
		05-18-2017	1041.02	13.26	20.39
		06-16-2017	1275.62	17.02	22.19
		07-14-2017	1856.89	12.14	15.24
		08-10-2017	1034.82	6.46	46.75
		09-09-2017	1358.52	7.34	51.80
4	Near Cast House (West)	04-14-2017	1035.50	19.13	25.18
		05-18-2017	1138.67	21.37	27.70
		06-16-2017	1466.55	14.11	17.67
		07-14-2017	1236.57	16.74	21.41
		08-11-2017	1102.44	6.74	55.35
		11-09-2017	1661.82	8.10	70.65
5	Near Slag Granulation Plant	04-14-2017	890.22	17.70	22.13
		05-18-2017	772.14	14.73	20.15
		06-16-2017	967.21	17.31	19.38
		07-14-2017	863.32	10.21	15.23
		08-12-2017	292.96	4.75	34.53
		12-09-2017	677.41	6.04	40.70

6	Near Pig Casting Machine -I	04-14-2017	1511.31	10.96	18.30
		05-18-2017	1229.87	13.90	17.41
		06-16-2017	1585.96	15.38	19.22
		07-14-2017	1258.93	14.62	16.96
		08-14-2017	290.37	3.88	19.73
		13-09-2017	555.19	4.75	22.20
7	Near Pig Casting Machine -II	04-14-2017	1610.40	12.60	19.43
		05-18-2017	1328.50	16.36	24.10
		06-16-2017	1809.10	12.88	21.90
		07-14-2017	1686.11	15.63	20.75
		08-15-2017	775.13	4.69	23.14
		14-09-2017	887.41	5.17	27.07
E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	04-11-2017	1025.13	18.29	22.10
		05-15-2017	1237.96	15.67	19.78
		06-20-2017	1789.00	18.79	21.15
		07-11-2017	1186.66	17.42	19.36
		08-03-2017	1416.58	4.33	25.96
		04-09-2017	1127.54	4.32	25.90
2	Near Flux Screening & Coal Crushing House	04-11-2017	2625.30	15.91	26.12
		05-15-2017	2241.31	12.68	21.67
		06-20-2017	1876.21	15.19	20.29
		07-11-2017	1524.63	14.26	16.23
		08-04-2017	1294.59	4.74	20.91
		06-09-2017	1251.58	4.74	20.91
3	Near Proportioning House	04-11-2017	2110.26	18.34	24.10
		05-15-2017	2439.65	19.73	21.19
		06-20-2017	2082.13	20.73	24.11
		07-11-2017	2145.33	16.36	18.51
		08-07-2017	1755.48	3.89	23.49
		08-09-2017	1384.98	3.89	23.49
4	Near Sintering House	04-12-2017	719.20	15.94	18.35
		05-16-2017	563.77	11.30	17.66
		06-21-2017	721.36	14.75	19.70
		07-12-2017	963.36	15.63	22.96
		08-10-2017	309.42	6.47	33.30
		11-09-2017	287.32	6.47	33.30
5	Near Product Screen House	04-12-2017	1024.40	21.36	27.80
		05-16-2017	1305.27	15.37	21.73
		06-21-2017	1787.36	11.25	17.39
		07-12-2017	1475.69	21.46	24.66
		08-11-2017	1771.74	6.04	25.90
		13-09-2017	1434.78	6.04	25.90

E) Sinter Plant-II

1	Near Sinter House	04-12-2017	1726.80	12.80	19.28
		05-16-2017	1361.21	16.87	17.32
		06-15-2017	1096.10	15.10	20.01
		07-12-2017	1698.63	21.75	25.36
		08-01-2017	388.88	4.31	25.83
		04-09-2017	508.33	4.32	25.90
2	Crushing Building	04-12-2017	711.29	18.31	20.93
		05-16-2017	637.59	14.20	17.53
		06-15-2017	812.72	10.18	24.10
		07-12-2017	686.69	12.36	20.14
		08-02-2017	355.96	4.76	21.02
		05-09-2017	1035.51	4.75	20.96
3	Near Screen Building	04-12-2017	936.30	19.33	21.10
		05-16-2017	1064.24	20.47	25.18
		06-15-2017	1470.11	23.32	27.10
		07-12-2017	1119.69	17.12	22.86
		08-07-2017	296.00	3.87	23.37
		06-09-2017	580.79	3.87	23.37
4	Product Screen Building	04-13-2017	938.23	18.21	20.91
		05-17-2017	822.76	12.60	17.28
		06-14-2017	1026.37	15.31	19.08
		07-13-2017	1436.12	12.77	16.78
		08-08-2017	475.36	6.47	33.30
		07-09-2017	1051.18	6.49	33.38
5	Mix and Nodulizer	04-13-2017	1351.45	12.92	17.84
		05-17-2017	1777.21	15.67	21.31
		06-14-2017	1435.10	18.71	23.35
		07-13-2017	1028.96	15.21	18.73
		08-10-2017	246.99	6.06	25.96
		11-09-2017	430.79	6.06	25.96
6	Near Sinter Machine	04-13-2017	1056.70	14.93	24.91
		05-17-2017	1168.13	10.66	20.91
		06-14-2017	1385.13	13.31	18.82
		07-14-2017	1315.12	13.21	18.72
		08-11-2017	556.16	6.04	25.90
		12-09-2017	1359.06	6.04	25.90

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : APRIL - 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
01-04-2017	16.44	44.77	5.62	14.27	21.14	35.32	4.81	7.72	18.18	45.23	8.04	13.45	52.67	3.10	39.19	15.63	64.79	3.96	7.37	
02-04-2017	18.38	72.10	3.91	12.63	25.37	37.70	6.36	7.74	16.10	46.40	8.28	13.29	47.80	3.45	37.84	15.26	56.67	4.05	7.36	
03-04-2017	13.73	42.48	4.74	14.68	22.32	42.04	5.82	7.73	14.98	39.05	8.03	15.15	63.80	3.37	22.78	14.45	60.58	3.78	7.36	
04-04-2017	15.81	56.16	5.19	19.47	17.06	25.66	4.51	7.72	11.29	26.00	7.75	9.08	46.52	3.63	16.25	15.35	72.88	4.32	7.38	
05-04-2017	18.03	68.87	3.85	35.01	18.24	27.05	4.39	7.72	11.71	29.61	7.45	6.00	40.62	3.23	14.34	15.09	62.35	3.75	7.34	
06-04-2017	17.63	69.15	3.49	20.08	18.11	30.67	5.30	7.71	11.57	32.98	7.51	6.13	56.81	4.28	19.11	16.42	57.18	3.70	7.39	
07-04-2017	23.55	70.00	5.58	24.06	40.42	94.83	6.75	7.69	24.99	88.31	7.64	12.82	76.14	3.46	19.28	22.97	89.58	3.49	7.35	
08-04-2017	27.99	88.08	4.93	23.63	52.86	92.53	5.86	7.73	32.77	103.75	7.55	14.07	92.15	3.65	16.65	31.04	90.85	4.11	7.08	
09-04-2017	38.68	94.65	5.00	26.38	57.83	91.42	5.97	7.74	44.97	108.09	8.07	19.43	98.56	2.31	19.87	32.70	94.95	4.21	7.33	
10-04-2017	38.44	117.60	5.39	24.51	42.74	93.85	6.61	7.71	35.88	82.21	7.74	12.63	88.72	2.01	14.50	29.70	92.99	4.02	7.35	
11-04-2017	26.80	66.27	4.48	21.39	36.47	78.35	4.44	7.71	30.62	68.77	7.75	11.15	85.98	2.20	13.10	26.84	96.81	4.04	7.34	
12-04-2017	24.06	67.40	5.43	22.19	30.39	61.26	5.89	7.71	25.99	59.35	8.16	11.95	61.48	1.95	16.28	19.22	74.08	3.99	7.32	
13-04-2017	28.26	74.33	4.35	24.24	34.24	64.38	5.37	7.76	28.94	57.05	8.09	11.30	83.74	3.06	12.90	28.63	84.35	3.83	7.10	
14-04-2017	21.11	56.00	4.31	22.85	25.59	44.63	5.01	7.75	23.23	44.50	7.68	8.25	62.83	1.94	12.38	20.40	80.80	3.82	7.33	
15-04-2017	17.37	50.38	4.74	20.49	22.23	39.72	4.44	8.06	17.25	37.27	7.71	6.44	50.84	7.92	11.62	14.14	54.27	3.70	7.29	
16-04-2017	15.33	40.86	4.64	24.44	21.82	47.14	4.32	7.75	19.03	53.58	7.63	11.81	47.45	5.21	10.62	14.55	62.80	3.83	7.33	
17-04-2017	16.66	53.09	4.20	18.13	20.47	30.92	5.69	6.97	16.23	36.18	7.79	8.92	44.84	4.73	11.58	16.41	59.34	4.13	7.32	
18-04-2017	16.80	53.90	4.81	28.87	31.14	93.25	7.29	5.70	19.10	70.03	7.96	13.99	50.16	5.57	11.92	13.69	56.33	3.92	7.31	
19-04-2017	14.77	46.04	4.18	36.75	27.83	50.37	6.63	5.64	14.73	38.55	8.00	12.86	50.73	5.79	11.98	12.03	47.97	3.90	7.74	
20-04-2017	15.28	51.36	4.74	18.87	17.51	28.38	3.47	5.36	11.68	27.54	8.01	8.63	48.81	6.10	11.46	15.60	64.59	3.68	8.08	
21-04-2017	15.02	55.12	3.68	15.12	15.52	23.83	3.61	5.81	10.86	24.10	8.16	4.47	44.79	6.03	3.71	13.05	84.03	4.09	8.00	
22-04-2017	16.02	61.85	4.21	16.68	15.44	22.24	3.15	5.82	12.78	23.61	8.21	4.05	43.47	4.97	6.90	14.84	62.70	3.90	8.07	
23-04-2017	17.26	58.54	3.86	18.05	19.50	34.77	4.07	5.81	14.14	29.91	8.09	4.29	44.86	5.88	7.45	14.16	56.96	3.92	8.10	
24-04-2017	17.12	59.76	3.85	18.07	22.12	36.47	5.60	5.80	16.77	38.40	8.68	5.50	50.85	6.34	7.54	16.15	62.14	4.11	8.05	
25-04-2017	26.33	86.49	4.85	28.12	31.14	64.63	6.25	5.80	22.69	67.66	8.38	9.75	58.06	5.48	8.10	15.62	67.12	3.91	8.07	
26-04-2017	18.92	68.47	3.55	35.00	34.82	80.00	5.54	5.80	23.83	70.98	8.36	11.54	65.41	4.18	7.88	19.33	73.12	4.26	8.05	
27-04-2017	18.20	49.18	3.25	17.25	30.45	70.29	5.42	5.80	19.02	48.03	8.27	8.68	52.32	5.53	7.11	13.05	65.24	4.04	8.05	
28-04-2017	13.38	38.40	3.23	21.97	27.05	56.50	5.31	5.80	18.63	58.97	8.41	10.98	42.69	4.96	7.90	10.89	48.85	4.06	8.07	
29-04-2017	17.13	48.20	3.16	18.80	21.99	32.26	4.46	5.80	16.01	57.53	8.21	11.80	42.24	5.41	8.14	11.92	50.23	4.16	7.81	
30-04-2017	16.48	60.19	3.77	16.26	15.77	32.38	4.14	5.80	12.99	35.75	8.26	8.48	40.03	5.61	7.61	13.00	28.78	3.90	7.93	

System is Under Maintenance

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-17	60.7	59.2
Standards	< 75	< 70

Prepared By
A. V. Shikhare
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 : MAY - 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
01-05-2017	19.12	64.44	4.08	19.27	23.4	52.75	4.44	5.8	18.38	55.83	8.39	9.16	20.23	47.18	4.65	7.73	14.64	36.63	4.02	13.78
02-05-2017	14.05	36.34	3.26	14.89	20.17	37.24	4.67	5.8	16.1	37.04	8.28	6.46	21.52	46.46	5.51	8.17	14.19	35.78	4.2	7.99
03-05-2017	19.34	70.48	3.99	16.84	19.64	47.17	4.24	5.89	16.79	64.03	8.34	9.13	16.63	44.29	5.26	7.94	14.26	59.1	4.03	8.02
04-05-2017	14.96	45.27	3.2	14.69	17.53	40.79	3.75	6.1	16.27	40.28	8.7	15.17	26.25	55.55	6.59	21.42	12.29	58.83	3.88	8.01
05-05-2017	20.76	46.9	3.45	39.67	20.84	34.99	3.24	6.11	17.9	47.07	8.63	6.56	30.54	62.37	5.59	29.42	17.97	63.68	3.96	8.03
06-05-2017	15.73	37.79	3.22	13.82	18.64	31.59	1.43	6.11	17.58	35.89	8.55	4.64	28.53	50.56	4.54	21.17	14.44	56.83	4.19	8.04
07-05-2017	15.69	43.59	3.66	15.82	16.59	26.46	1.56	6.11	13.63	33.33	8.53	5.21	36.52	47.93	4.91	17.23	12.59	51.19	3.98	10.47
08-05-2017	15.44	43.54	3.08	16.08	19.17	31.72	1.8	6.68	14.51	34.44	8.72	5.85	32.21	58.14	5.38	16.37	13.91	58.81	4.13	8.02
09-05-2017	29.97	59.66	5.12	22.79	17.47	30	2.49	6.18	15.82	33.09	8.8	7.81	26.58	48.54	5.39	15.63	12.22	48.14	4.41	7.99
10-05-2017	9.96	23.49	3.51	24.94	17.99	31.06	3.32	6.24	15.88	51.96	8.76	8.59	20.35	55.07	6	15.93	13.63	54.3	4.41	7.97
11-05-2017	17.75	52.5	4.18	17.7	21.07	33.49	3.75	9.62	17.48	51.12	8.69	9.09	24.51	54.9	5.95	14.33	14.95	60.98	4.27	8.01
12-05-2017	20.7	90.52	3.19	14.06	15.63	43.57	5.42	11.04	21.75	68.58	8.77	10.07	36.58	70.65	5.25	10.63	14.5	60.57	4.33	9.52
13-05-2017	25.7	68.13	3.32	17.09	20.02	68.11	5.51	7.66	25.74	77.32	8.71	12.86	34.2	66.08	5.28	22.61	19.95	76.98	4.13	8.05
14-05-2017	16.74	34.88	3.02	12.49	19.34	31.2	5.7	7.04	19.35	52.17	8.77	6.08	29.95	77.26	5.26	9.75	15.57	57.23	4.01	7.99
15-05-2017	20.85	47.53	3.1	12.32	16.09	25.55	5.45	7.31	14.25	32.51	8.7	6.05	36.25	81.62	3.44	8.87	19.09	75.35	3.75	8.01
16-05-2017	14.71	49.01	3.61	11.76	15.34	30.8	6.16	9.38	15.25	38.42	9.03	7.32	24.51	59.25	4.24	8.15	11.55	37.29	3.74	8
17-05-2017	13.1	46.46	3.53	10.43	14.55	24.35	5.49	8.45	10.13	20.63	8.8	5.83	37.21	74.17	5.05	7.07	13.11	50.36	4	7.99
18-05-2017	14.51	55.04	3.68	10.4	13.08	26.75	5.86	9.51	11.58	31.51	9.06	9.15	20.58	49.32	5.83	6.22	12.41	40.95	3.98	8.03
19-05-2017	15.57	62.84	3.31	11.54	12.9	19.82	5.61	8.39	9.85	20.32	9.07	6.32	31.24	56.66	5.85	8.11	10.43	39.78	3.94	7.98
20-05-2017	11.67	33.87	3.42	15.27	16.45	28.57	5.79	4.45	11.8	39.21	8.8	9.9	22.52	42.94	5.38	10.12	10.08	31.77	3.95	8
21-05-2017	12.7	49.38	3.46	12.49	15.92	27.07	5.56	8.25	10.49	26.49	9.05	7.36	15.63	33.37	7.21	9.72	10.89	52.5	3.95	7.99
22-05-2017	12.86	43.75	3.08	12.24	15.63	36.58	3.58	10.17	14.21	51.15	9.05	10.01	12.35	36.77	5.82	9.51	9.29	34.89	3.88	7.99
23-05-2017	14.94	85.53	2.96	13.65	14.87	37.86	4.67	9.17	14.33	62.29	8.76	6.67	18.57	36.83	5.97	9.39	8.3	38.22	3.96	8.01
24-05-2017	12.59	49.61	3.29	10.64	20.35	41.58	4.82	11.93	11.99	35.15	8.74	5.39	23.65	42.59	6.36	10.84	9.96	34.4	3.95	7.99
25-05-2017	11.62	46.45	4.09	9.92	26.38	43.61	4.79	11.87	12.38	36.57	8.89	6.75	21.24	51.05	5.45	6.02	8.72	36.22	3.89	8
26-05-2017	10.55	46.41	4.27	9.14	23.84	52.24	4.68	11.06	9.59	20.41	8.92	5.4	26.32	50.12	5.93	18.05	9.58	35.84	3.81	7.99
27-05-2017	12.96	65.83	3.82	10.77	16.87	51.63	4.81	12.05	8	18.76	8.98	3.68	31.54	69.47	5.5	12.76	11.46	58.08	3.99	7.98
28-05-2017	9.61	48.6	3.56	7.52	20.48	57.89	5.12	10.53	7.65	16.38	9.03	2.9	30.58	53.91	5.68	7.58	10.84	72.05	4.02	7.99
29-05-2017	6.31	20.62	2.87	5.18	19.67	60.45	5.17	10.54	6.69	17.9	9.03	1.34	32.56	63.13	5.35	7.56	15.2	78.63	4.05	7.99
30-05-2017	6.74	19.39	2.79	6.29	24.51	61.87	5.63	10.58	7.75	19.73	9.2	2.54	34.81	87.8	6.01	7.74	9.72	68.18	4.08	7.99
31-05-2017	6.65	18.68	2.92	7.71	16.07	24.94	3.82	6.77	7.59	22.26	9.24	5.2	27.21	48.95	4.45	7.71	10.21	52.39	3.8	7.98

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-17	61.0	59.0
Standards	< 75	< 70

Prepared By
 A.V.Shikhare
 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 : JUNE - 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
01-06-2017	11.98	57.88	3.23	11.22	14.57	22.16	9.27	6.4	7.97	18.05	9.26	3.9	20.13	53.43	6.67	8.06	10.28	39.38	4.08	9.77
02-06-2017	11.11	73.5	3.6	25.58	10.62	14	12.13	6.31	10.66	18.43	9.29	6.97	12.65	31.2	4.56	9.56	8.56	63.25	5.06	14.75
03-06-2017	10.82	73.5	3.74	19.97	8.58	11.28	8.52	6.32	8.87	15.79	9.41	7.1	31.24	70.96	4.75	8.69	8.95	52.65	4.03	16.26
04-06-2017	12.41	53.44	3.72	10.3	13.28	20.63	14.25	6.32	12.82	30.39	9.48	4.25	26.58	45.81	6.39	8.37	9.52	54.89	4.78	15.97
05-06-2017	14.22	63.95	3.55	10.13	19.13	30.67	2.52	6.32	15.11	41.96	9.49	4.06	36.21	66.46	5.44	8.78	8.74	71.52	4.12	14.11
06-06-2017	15.16	79.29	6.17	10.94	17.01	32.03	6.26	6.31	12.81	43.22	9.42	4.63	21.2	58.61	6.25	8.64	7.65	65.84	4.56	14.61
07-06-2017	12.46	62.12	4.02	10.33	11.44	14.11	8.61	6.32	9.73	17.34	9.59	4.39	16.58	48.9	6.15	9.01	6.98	72.63	5.23	13.94
08-06-2017	12.72	48.55	3.49	9.24	10.96	12.06	4.68	6.31	10.95	21.11	9.72	7.04	19.65	53.86	11.25	7.78	8.92	62.05	5.92	12.62
09-06-2017	11.76	48.57	4.28	8.87	10.86	15.16	4.15	6.31	10.42	21.87	9.84	5.99	21.59	42.66	8.61	9.49	9.68	50.41	6.23	18.06
10-06-2017	11.87	48.01	4.02	9.11	10.96	12.5	2.66	6.31	8.83	20.7	9.91	5.67	25.84	18.28	5.48	9.54	9.13	45.62	3.54	16.33
11-06-2017	15.45	84.15	4.14	9.03	8.91	9.47	5.45	6.32	8.1	27.99	9.96	5.37	14.78	27.94	5.9	9.55	9.36	32.01	4.08	7.98
12-06-2017	9.26	43.63	4.11	7.46	8.73	16.97	4.19	6.31	8.43	15.09	9.81	5.77	19.85	39.91	5.26	9.22	4.84	26.61	3.66	8.07
13-06-2017	11.92	44.08	3.83	8.75	10.65	18.13	4.6	6.32	12.45	19.43	9.96	4.66	10.23	23	5.56	8.78	4.43	20.85	3.87	8.04
14-06-2017	15.89	72.44	4.12	38.1	9.63	16.35	5.11	6.31	30.42	51.67	14.26	16.21	25.41	54.55	5.05	8.94	7.35	45.33	3.78	8.08
15-06-2017	11.57	52.77	3.94	37.2	10.06	15.54	5.19	6.31	10.24	16.63	10.5	4.09	24.36	54.23	4.63	13.22	5.65	65.53	4.08	8.06
16-06-2017	17.94	62.31	3.57	27.86	9.47	14.58	2.89	6.31	7.03	12.01	10.3	16.2	26.65	62.58	4.92	12.85	5.72	45.75	3.9	8
17-06-2017	13.4	45.47	3.32	16.4	8.98	19.61	4.06	6.33	12.63	21.37	10.6	31	20.23	47.52	5.12	13.45	7.9	50.55	3.87	8.09
18-06-2017	16.98	59.47	4.72	14.42	10.26	22.87	2.96	6.33	25.94	47.09	11.69	11.02	19.85	39.74	6.34	15.83	6.35	38.65	4.05	8.02
19-06-2017	16.12	83.67	3.52	12.66	9.27	18.28	5.03	6.35	9.09	17.37	10.19	4.57	17.45	20.5	6.38	11.13	7.32	42.73	4.01	7.96
20-06-2017	16.27	50.88	3.42	11.2	11.77	21.08	5.74	6.32	10.45	21.76	10.08	4.18	16.84	27.95	9.45	9.54	7.98	53.94	3.99	8.05
21-06-2017	16.05	41.31	4	8.73	12.29	25.83	4.73	6.32	9.49	25.06	10.23	3.31	17.29	30.63	3.82	8.68	9.84	71.2	4.05	8.02
22-06-2017	13.88	54.03	4.73	11.66	10.87	24.04	5.15	6.32	11.55	19.3	10.3	7.01	12.35	34.68	2.25	10.12	9.29	60.84	4.21	8.02
23-06-2017	8.76	30.87	3.86	10.96	13.6	30.61	3.64	6.32	24.42	47.38	11.24	15.35	19.67	47.4	1.04	10.51	6.58	42.59	3.92	7.97
24-06-2017	10.18	26.99	3.67	6.04	17.6	41.86	2.6	6.35	39.72	84.2	13.1	14.17	20.85	49.68	3.25	11.1	7.24	49.21	3.89	7.99
25-06-2017	10.03	37.79	3.64	13.27	17.65	34.63	4.25	6.31	51.68	79.25	15.82	17.99	21.26	46.38	1.7	9.86	5.55	24.48	4	7.99
26-06-2017	15.54	76.08	6.37	15.56	9.12	17.71	6.18	6.32	21.23	63.52	12.36	24.55	13.49	27.81	2.83	9.7	8.19	21.78	4.08	8.02
27-06-2017	12.72	45.99	5.19	11.95	12.36	23.25	2.36	7.15	10.25	52.54	14.23	22.61	10.68	24.06	2.69	9.36	8.74	41.46	4.05	7.99
28-06-2017	15	55.27	6.7	23.18	11.25	24.53	3.56	8.43	21	56.89	12.58	30.85	19.87	38.31	3.69	9.09	10.1	65.29	4.36	7.97
29-06-2017	24.91	67.82	4.96	11.21	14.23	36.25	5.45	9.3	14.56	57.56	10.24	18.9	20.12	31.7	9.11	9.17	6.53	94.63	3.4	15.1
30-06-2017	11.53	23.55	3.34	18.21	9.86	29.65	6.35	11.54	23.56	50.23	13.26	16.74	10.23	29.9	2.22	10.98	7.43	6.68	3.75	8.24

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-17	61.0	60.0
Standards	< 75	< 70

Prepared By
 A. V. Shikhare
 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, 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
01-07-2017	8.69	18.82	3.36	24.31	14.31	34.48	3.88	6.31	12.35	35.68	10.25	6.29	16.5	34.11	2.89	10.83	7.99	10.39	3.83	8.18
02-07-2017	9.29	30.37	3.67	6.89	13.88	31.59	6.5	6.31	13.68	39.84	9.56	6.91	16.62	37.51	4.08	11.09	7.62	16.85	3.97	7.97
03-07-2017	10.47	40.9	4.68	6.15	15.83	36.26	3.39	6.31	15.62	47.1	7.82	5.77	25.91	47.27	4.01	12.1	7.51	12.81	4.02	7.94
04-07-2017	9.39	34.94	3.8	5.31	14.35	31.79	5.91	6.28	14.89	49.85	8.67	6.5	18.71	22.57	3.24	10.51	11.24	13.02	3.81	7.92
05-07-2017	10.68	38.53	4.16	5.68	15.46	36.93	6.03	6.32	16.32	23.56	9.25	6.61	22.25	28.47	3.49	10.65	6.72	13.89	3.73	8.16
06-07-2017	8.59	23.98	3.74	6.6	12.26	35.65	4.2	6.27	20.74	52.1	9.35	8.78	25.3	30.65	3.62	11.51	8.03	13.1	3.94	7.73
07-07-2017	10.03	39.85	4.78	8.75	16.37	36.43	6.43	6.31	31.09	73.95	16.25	4.6	22.24	31.57	2.89	12.62	6.82	14.61	3.93	7.88
08-07-2017	12.81	49.1	4.52	6.94	17.18	31.91	4.03	6.29	15.16	34	11.14	3.8	18.56	34.62	6.25	11.32	6.71	12.98	3.95	7.96
09-07-2017	15.86	82.55	4.94	12.11	17.19	23.41	4.03	6.32	10.64	18.43	10.32	3.8	17.89	32.21	4.52	10.07	5.97	8.6	3.96	7.66
10-07-2017	11.68	57.52	4.03	9.54	12.25	25.14	3.97	6.34	43.89	65.44	12.23	27.61	16.85	34.74	4.51	10.01	7.71	12.53	3.92	7.59
11-07-2017	13.76	66.6	5.28	10.03	13.54	29.2	6.53	6.33	33.86	65.41	15.5	22.45	20.54	39.52	5.23	10.46	7.14	14.92	3.97	7.56
12-07-2017	6.98	20.53	3.91	5.09	13.37	35.24	2.66	6.3	12.35	29.26	11.12	3.27	16.98	40.58	4.01	9.29	4.68	15.13	3.94	7.78
13-07-2017	9.06	29.55	5.1	7.06	13.48	34.22	2.41	7.89	13.42	29.98	10.78	5.25	20.28	41.21	4.07	10.97	4.31	14.14	3.82	7.39
14-07-2017	12.69	29.54	4.59	16.22	12.54	42.5	6.52	8.56	14.65	36.32	10.9	4.04	26.99	53.97	3.35	11.3	5.25	11.58	3.88	8.37
15-07-2017	9.77	28.1	4.31	5.02	10.07	33.77	7.15	6.31	14.29	34.8	10.83	3.15	27.32	52.94	2.41	12.14	5.63	13.32	3.74	7.95
16-07-2017	7.9	22.21	4.21	4.13	17.82	26.76	5.42	6.31	10.33	22.52	10.78	2.79	24	42.74	3.46	10.37	6.76	14	3.97	7.56
17-07-2017	10.67	46.51	5.86	12.13	7.19	15.56	4.67	6.31	7.84	12.29	11.06	3.76	23.32	28.55	3.37	10.65	4.17	6.82	3.91	7.62
18-07-2017	16.24	83.17	6.37	15.63	8.2	20.13	2.58	6.11	12.99	15.74	11.45	4.27	26.75	32.28	5.01	9.4	5.19	8.77	4.04	8
19-07-2017	11.83	62.19	5.29	12.74	8.73	12.34	3.55	6.2	11.36	14.98	11.46	3.67	18.34	30.25	1.38	8.92	5.82	11.69	3.58	8.02
20-07-2017	7.7	29.32	4.69	6.5	9.39	18.11	4.52	9.25	10.29	22.97	11.28	2.89	18.76	22.81	9.32	8.9	5.09	6.89	3.39	7.88
21-07-2017	5.42	12.25	4.13	3.97	11.17	12.72	5.63	8.06	9.01	19.88	11.37	2.29	17.72	30.37	3.3	10.13	6.2	15.62	10.25	7.87
22-07-2017	6.39	18.92	4.09	3.83	13.55	29.87	5.53	7.41	8.68	26.89	9.41	2.02	22.82	36.58	4.35	11.02	8.28	66.33	6.69	7.94
23-07-2017	16.77	29.34	4.34	28.37	12.67	33.96	4.87	7.38	15.2	32.21	5.46	1.68	17.96	32.59	2.68	10.94	9.79	68.47	6.11	7.95
24-07-2017	6.77	19.71	4.76	20.8	12.67	37.29	6.23	7.46	16.43	34.38	5.62	2.1	15.81	27.95	2.77	11.86	6.81	47.58	4.01	7.94
25-07-2017	6.45	20.25	4.2	5.21	14.12	34.94	4.12	9.3	10.87	33.1	5.53	1.89	23.56	41.25	5.62	11.33	7.17	45.12	3.89	7.94
26-07-2017	6.65	19.71	4.25	7.02	14.93	34.58	2.85	9.41	10.37	29.28	4.89	2.04	22.14	40.52	3.54	9.06	10.21	51.67	4.29	7.94
27-07-2017	8.71	18.25	4.3	7.41	14.61	25.6	4.32	10.74	9.56	26.86	4.87	3.04	15.63	30.25	4.58	9.57	6.99	47.68	4.7	7.94
28-07-2017	7.95	27.9	4.91	9.29	15.2	30.54	5.69	9.72	9.8	25.81	4.84	4.74	14.51	35.62	6.32	9.95	5.67	36.8	4.9	7.94
29-07-2017	7.65	29.62	4.84	9.06	17.63	35.64	6.98	7.8	10.61	25.29	4.86	7.27	13.58	34.58	4.25	11.67	7.61	37.01	4.55	7.95
30-07-2017	11.6	54.6	6.9	10.58	14.39	31.09	7.23	8.89	8.95	20.32	4.93	5.79	14.57	36.65	4.57	11.43	6.5	33.53	4.76	7.93
31-07-2017	10.44	55.78	6.84	13.27	10.81	15.46	5.48	7.72	8.08	15.77	5.27	5.72	15.69	35.69	3.65	11.83	6.22	21.83	5.1	7.93

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-17	61.0	60.0
Standards	< 75	< 70

Prepared By

 A.V. Shikhare
 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
01-08-2017	11.17	54.29	7.67	13.00	8.91	9.47	4.19	6.31	8.95	17.69	5.71	6.27	26.65	62.58	4.92	12.85	7.88	31.35	4.67	7.98
02-08-2017	10.62	49.00	6.77	10.99	7.88	17.25	4.60	6.32	8.24	20.13	5.46	5.48	20.23	47.52	5.12	13.45	6.71	28.88	5.52	7.99
03-08-2017	10.77	51.45	4.34	12.21	8.00	14.92	5.11	6.31	7.56	17.41	5.52	5.45	19.85	39.74	6.34	15.83	6.02	32.55	4.86	8.34
04-08-2017	7.87	22.71	3.49	8.76	9.42	27.04	5.19	6.31	12.13	35.09	5.73	5.61	17.45	20.50	6.38	11.13	6.13	34.93	5.03	7.81
05-08-2017	8.23	28.09	3.74	8.86	8.54	30.04	2.89	6.31	11.03	33.79	5.44	5.63	16.84	27.95	9.45	9.54	7.14	56.04	6.36	7.45
06-08-2017	8.71	32.63	5.41	9.81	10.88	24.63	4.06	6.33	10.93	30.21	5.76	6.33	17.29	30.63	3.82	8.68	16.07	41.32	4.79	7.94
07-08-2017	12.52	62.97	5.57	14.03	10.71	28.92	2.96	6.33	11.29	29.95	5.84	7.09	12.35	34.68	2.25	10.12	6.76	30.56	4.57	7.93
08-08-2017	13.89	66.83	9.44	12.61	10.83	26.75	5.03	6.35	11.17	30.38	5.90	6.41	19.67	47.40	1.04	10.51	7.06	28.72	4.59	7.94
09-08-2017	13.47	64.23	5.60	12.73	10.54	23.21	5.74	6.32	10.21	21.34	6.07	6.15	20.85	49.68	3.25	11.10	7.72	28.39	4.82	7.94
10-08-2017	14.50	75.75	5.45	16.43	10.63	19.96	4.73	6.32	10.48	18.19	6.14	6.61	21.26	46.38	1.70	9.86	10.63	31.68	4.79	7.94
11-08-2017	13.70	74.67	5.28	12.88	8.46	18.13	5.15	6.32	9.39	17.61	6.10	6.18	15.47	33.47	3.19	11.86	9.25	29.92	4.76	7.94
12-08-2017	10.35	45.75	5.98	10.15	9.45	19.56	3.64	6.32	10.15	20.22	6.27	7.64	17.09	32.21	4.76	9.72	16.98	40.68	4.78	7.72
13-08-2017	11.45	82.55	6.14	10.07	8.47	20.58	2.60	6.35	8.14	33.00	6.16	11.50	27.58	52.32	3.26	8.85	12.41	45.48	4.65	7.93
14-08-2017	21.44	85.12	5.93	15.41	8.75	17.00	4.25	6.31	19.49	25.71	6.07	10.55	36.25	54.36	4.67	9.54	11.59	32.38	4.60	7.93
15-08-2017	16.72	89.20	5.17	16.07	10.83	16.67	6.18	6.32	10.80	19.12	6.70	6.72	10.23	29.90	2.22	10.98	11.80	29.98	4.98	7.93
16-08-2017	11.81	59.40	5.16	11.75	8.17	18.46	2.36	7.15	17.97	44.50	6.75	9.14	16.50	34.11	2.89	10.83	8.28	30.29	4.96	7.94
17-08-2017	14.80	62.02	8.04	12.40	11.75	28.54	3.56	8.43	13.18	39.17	6.37	8.29	16.62	37.51	4.08	11.09	11.22	45.78	4.92	7.93
18-08-2017	9.50	40.91	5.79	10.11	12.93	31.72	5.45	9.30	14.57	36.77	6.34	7.75	25.91	47.27	4.01	12.10	10.94	50.37	4.81	7.92
19-08-2017	7.63	31.15	5.11	21.75	14.42	26.57	6.35	11.54	11.48	22.75	6.49	9.67	18.71	22.57	3.24	10.51	9.70	24.52	5.00	7.94
20-08-2017	12.13	61.04	8.38	20.26	10.52	17.80	6.43	6.31	9.68	17.59	6.86	9.61	22.25	28.47	3.49	10.65	7.50	19.16	4.77	7.95
21-08-2017	12.99	76.61	6.88	22.27	9.08	15.92	4.03	6.29	System under Maintenance				25.30	30.65	3.62	11.51	9.93	18.08	4.87	7.86
22-08-2017	11.34	62.50	6.18	14.60	10.83	17.13	4.03	6.32	35.54	71.28	10.04	6.43	22.24	31.57	2.89	12.62	16.15	47.66	4.85	7.98
23-08-2017	13.13	76.62	27.59	14.20	11.71	20.42	3.97	6.34	11.21	22.97	6.68	6.64	18.56	34.62	6.25	11.32	12.03	35.01	4.89	7.98
24-08-2017	12.21	59.20	33.84	13.65	11.57	22.38	6.53	6.33	10.39	25.36	6.56	6.91	17.89	32.21	4.52	10.07	11.74	32.92	4.96	7.99
25-08-2017	6.77	29.81	8.35	13.58	11.52	20.54	2.66	6.30	8.37	16.20	7.20	8.18	16.85	34.74	4.51	10.01	6.41	34.60	5.15	7.94
26-08-2017	11.56	61.24	17.04	15.94	10.92	19.04	2.41	7.89	10.68	16.64	7.06	8.01	20.54	39.52	5.23	10.46	7.07	15.84	4.90	7.94
27-08-2017	11.04	47.07	10.39	13.24	8.65	13.63	6.52	8.56	9.40	17.40	6.99	7.96	16.98	40.58	4.01	9.29	11.81	30.20	4.80	7.97
28-08-2017	System under Maintenance				10.46	13.71	7.15	6.31	9.49	14.73	7.31	8.00	15.81	27.95	2.77	11.86	10.43	15.91	4.94	7.93
29-08-2017	System under Maintenance				8.25	15.04	5.42	6.31	6.72	10.40	7.62	5.99	10.23	24.23	2.01	9.21	3.90	16.28	4.90	7.94
30-08-2017	25.01	64.64	5.16	11.75	12.31	20.14	4.67	6.31	-11.27	28.25	7.10	5.07	14.78	27.94	5.90	9.55	16.17	53.95	4.99	7.94
31-08-2017	12.94	56.66	10.14	11.29	15.88	25.48	2.58	6.11	10.41	25.24	7.07	5.41	12.35	34.68	2.25	10.12	20.78	53.91	4.94	7.92

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-17	60.0	59.0
Standards	< 75	< 70

Prepared By

A.V. Shikhare

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, 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
01-09-2017	13.48	71	28.58	14	15.23	25.63	5.36	15.18	9.04	17.45	6.87	5.84	8.35	13.81	1.98	9.75	15.35	35.43	4.95	7.9
02-09-2017	13.05	74.85	19.26	13.27	12.79	25.79	3.65	14.17	8.87	17.6	6.83	6.24	31.55	53.28	4.38	9.34	13.57	29.42	5.22	7.94
03-09-2017	11.64	68.97	16.32	13.07	10.38	15.71	5.48	13.63	7.97	14.59	6.81	6.16	24.51	30.74	4.32	9.01	12.11	25.33	4.93	7.95
04-09-2017	15.79	84.12	24.95	12.53	13.58	25.26	7.52	13.76	12.83	29	6.75	9.88	20.71	36.25	3.19	9.6	14.46	31.12	4.74	7.92
05-09-2017	16.12	70.66	7.72	14.19	13.25	25.79	6.35	15.74	14.73	35.89	6.9	9.72	21.67	43.03	3.69	10.29	12.38	23.68	4.86	7.9
06-09-2017	18.5	95.21	5.68	13.81	17.83	33.00	4.36	13.82	16.57	40.79	7.03	9.88	21.21	39.45	4.89	9.65	12.98	23.46	4.54	7.87
07-09-2017	18.92	66.27	4.58	28.49	23.00	52.48	5.64	14.53	22.36	62.06	7.37	17.01	25.22	65.29	4.63	12.59	11.29	47.18	4.74	8.14
08-09-2017	17.61	59.16	5.29	13.8	24.83	38.18	4.21	16.05	21.79	42.57	7.52	9.11	24.12	58.25	5.04	9.94	14.46	33.61	5.13	7.93
09-09-2017	18.57	39.88	5.76	13.59	23.50	42.04	4.36	15.76	26.54	44.76	7.56	9.05	22.89	34.11	5.28	9.74	16.31	36.46	4.58	7.93
10-09-2017	22.95	55.14	6.32	12.24	22.83	42.21	8.47	13.71	25.44	43.37	7.6	8.04	26.18	41.49	5.09	8.91	17.51	41.84	4.67	7.93
11-09-2017	20.34	77.11	9.6	13.07	23.60	41.28	5.6	12.74	14.34	27.59	7.23	8.02	20.75	44.58	4.17	9.2	16.07	52.35	5.39	7.91
12-09-2017	12.55	48.79	7.57	13.98	11.95	20.13	3.65	12.75	9.57	17.16	6.87	7.85	17.92	39.85	6.76	9.81	12.36	42.15	5.17	7.92
13-09-2017	11.05	40.41	8.56	17.4	11.09	15.07	7.32	14.79	9.2	16.49	6.72	8.22	14.74	23.94	5.99	10.33	10.3	23.66	5.11	7.93
14-09-2017	15.93	57.56	9.62	14.38	10.18	18.15	7.14	12.68	12.04	22.36	6.96	10.01	19.62	35.13	5.81	10.11	10.83	38.13	5.02	7.96
15-09-2017	17.5	52.34	9.13	35.81	9.86	18.41	6.2	13.79	9.42	14.7	7.11	7.81	13.63	28.03	6.2	8.29	16.43	38.9	4.03	7.95
16-09-2017	16.98	73.76	7.64	12.9	10.25	19.24	4.74	10.77	11.24	22.51	7.35	9.06	15.62	30.65	5.03	7.1	17.26	45.13	4.46	7.94
17-09-2017	16	79.97	5.85	16.6	11.13	16.08	5.62	12.66	9.07	16.21	7.48	7.87	12.35	32.41	6.01	9.26	16.09	35.55	4.76	7.91
18-09-2017	14.79	94.8	4.78	16.88	6.26	7.21	4.12	15.67	5.26	8.38	7.27	6.46	14.82	35.06	5.42	11.78	17.99	40.7	4.65	7.93
19-09-2017	7.7	21.9	4.46	17.22	12.21	21.83	7.51	14.6	8.61	13.5	6.99	7.72	12.74	34.84	6.32	8.81	5.56	12.8	4.77	7.94
20-09-2017	11.78	40.78	4.6	23.08	8.75	12.68	4.36	11.82	14.88	25.18	7.65	12.23	13.65	29.68	6.58	12.15	6.05	14.24	4.88	8.01
21-09-2017	16.7	91.18	6.35	31.68	7.96	9.99	2.54	10.97	8.52	13.96	6.31	7.36	16.84	35.62	6.12	12.71	24.15	42.98	4.86	7.94
22-09-2017	12.84	65.79	4.85	18.48	9.46	15.79	3.65	13.77	7.52	14.54	5.9	6.21	13.29	34.58	5.13	12.08	23.28	58.38	4.85	7.93
23-09-2017	11.15	51.06	5.33	13.03	11.50	17.00	4.84	12.37	8.19	17.17	5.79	6.89	16.54	32.21	6.41	10.54	15.5	37.27	4.91	7.94
24-09-2017	15.83	53.4	11	18.33	12.67	23.83	7.12	11.99	13.26	36	6.2	9.54	11.23	35.12	5.48	10.56	9.23	32.09	4.87	7.94
25-09-2017	9.2	24.9	4.65	13.24	14.00	28.54	4.36	15.56	17.71	45.57	5.84	12.15	12.61	33	5.52	10.88	6.78	31.52	4.7	7.94
26-09-2017	13.67	40.44	4.52	19.89	19.71	39.71	6.58	11.13	21.9	58.11	5.93	12.79	16.48	45.4	6.76	12.41	7.7	31.58	4.7	7.94
27-09-2017	18.15	50.56	4.49	19.68	27.21	58.46	6.74	15.33	26.3	58.62	6.04	9.86	22.64	60.76	6.41	12.6	11.99	45.35	4.96	7.94
28-09-2017	24.36	54.58	4.54	16.28	34.27	65.37	6.32	15.87	32.21	64.48	6.04	9.6	25.66	52.14	5.27	11.54	14.65	42.36	4.77	7.95
29-09-2017	16.76	47.47	6.75	15.86	18.83	30.50	4.85	8.98	17.94	38.54	6.06	9.43	18.25	27.22	5.98	10.79	11.48	30.29	4.99	7.53
30-09-2017	15.71	43.36	5.19	19.23	18.67	31.08	7.41	8.92	17.59	34.27	5.83	10.68	18.61	22.94	5.78	11	8.93	24.67	4.72	7.78

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-17	61.0	60.0
Standards	< 75	< 70

Prepared By
 A. V. Shikhare
 Asst. Manager (Environment)

Checked By
 V. M. Waghchaure
 GM (Environment)