



JSW Steel Limited

Dolvi Works : Geetapuram,
Dolvi, Taluka - Pen,
Dist.: Raigad - 402107, Maharashtra, India.
CIN. : L27102MH1994PLC152925
Phone : +91 2143 277501-15
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Website : www.jsw.in

BY COURIER

April 23, 2018

JSWSL/ENV/MOEF&CC/2018

To

Additional Principal Chief Conservator of Forests (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 October 2017 to March 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.

Dear Sir,

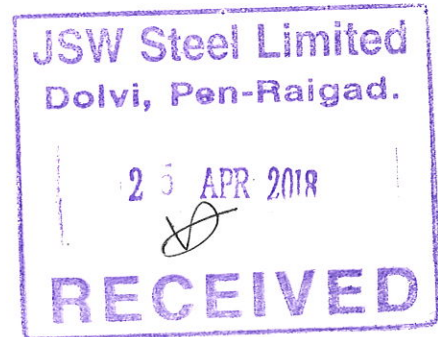
Please find enclosed the six monthly Environmental Monitoring Reports for the period of October 2017 to March 2018 for Integrated Steel Plant. Report contains the analysis of Cooling Tower Blow Down, Treated & Untreated Effluent from Sponge Iron Plant, Stack Emissions and Work Zone Air Quality from Sponge 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,

V. 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,
Bandra (East), Mumbai - 400 051

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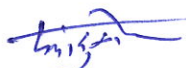
Part of O. P. Jindal Group

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					
			Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
1	Chromium	mg/l	0.0019	0.0022	0.0019	0.002	0.001	0.002
2	Zinc	mg/l	0.098	0.095	0.096	0.096	0.097	0.096
3	Phosphate	mg/l	0.92	1.01	0.98	0.980	0.920	0.980
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	ACTUAL VALUES					
			Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
1	Temperature	°C	27	27	27	27	27	27
2	pH	-	7.3	7.3	7.2	7.2	7.3	7.2
3	T.S.S.	mg/l	18.3	18.4	18.1	17.5	18.0	17.2
4	T.D.S.	mg/l	246.0	239.0	227.0	235.0	239.0	247.0
5	D.O.	mg/l	5.3	5.4	5.1	5.3	5.4	5.4
6	C.O.D.	mg/l	26.7	30.8	27.9	29.8	29.3	28.5
7	B.O.D.	mg/l	7.3	7.2	7.2	7.3	7.1	7.2
8	Oil & Grease	mg/l	3.1	3.0	2.6	2.8	3.0	2.9
9	Iron	mg/l	0.3	0.3	0.3	0.3	0.3	0.3
10	Chlorides	mg/l	55.0	51.2	59.9	53.0	52.5	55.0
11	Sulphates	mg/l	2.2	2.2	2.2	2.2	2.3	2.2
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	°C	28.0	27.0	28.0	28	27	28


Prepared By
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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	ACTUAL VALUES					
			Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
1	Temperature	°C	57.9	57.6	57.4	57	57	58
2	pH	-	8.0	8.1	8.1	8.1	8.2	8.2
3	T.S.S.	mg/l	546.8	550.8	560.6	579.20	553.60	547.40
4	T.D.S.	mg/l	446.0	444.4	445.0	463.00	467.00	466.00
5	D.O.	mg/l	2.1	2.2	2.2	2.3	2.2	2.2
6	C.O.D.	mg/l	37.3	38.4	40.2	42.70	39.80	40.20
7	B.O.D.	mg/l	7.8	7.5	7.6	7.63	7.63	7.30
8	Oil & Grease	mg/l	4.0	4.4	3.8	4.40	4.20	4.40
9	Iron	mg/l	1.21	1.2	1.2	1.25	1.24	1.27
10	Chlorides	mg/l	160.0	157.0	156.2	152.45	154.95	157.45
11	Sulphates	mg/l	3.01	3.2	3.2	3.25	3.17	3.18



Prepared By

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Assistant. Manager (Environmen



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V. M. Waghchaure

General Manager (Environment)

JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³									
									Particulate Matter (PM)	SO ₂	NOx	CO						
Plant Capacity: 3.0 MTPA																		
I	Hot Strip Mill Plant																	
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	23.10.2017 10:00 Hrs 24/11/2017, 11:30 Hrs 11/12/2017, 13:10 Hrs 24/01/2018, 11:00Hrs 23/02/2018 11:20 Hrs 14/03/2018 11:00 Hrs	9728 8803 9447 9629 10366.0 9569.0	15.41 9.50 10.23 9.56 15.24 11.54	15.57 20.15 18.25 12.69 15.43 14.50	NA NA NA NA NA NA	10.12 4.20 2.85 5.20 5.20 1.42	NA NA NA NA NA NA	NA NA NA NA NA NA					
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	23.10.2017 12:30 Hrs 24/11/2017, 13:00 Hrs 11/12/2017, 15:40 Hrs 24/01/2018, 11:45Hrs 23/02/2018 12:20 Hrs 14/03/2018 12:00 Hrs	9728 8803.0 9447.0 9629 10366.0 9569.0	11.80 10.66 12.35 10.23 9.52 13.72	10.54 24.76 26.51 11.21 22.72 28.12	NA NA NA NA NA NA	12.31 <1.0 2.90 <0.1 6.20 1.97	NA NA NA NA NA NA	NA NA NA NA NA NA					
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	23.10.2017 14:30 Hrs 24/11/2017, 14:00 Hrs 11/12/2017, 16:45 Hrs 24/01/2018, 12:50Hrs 23/02/2018 13:30 Hrs 14/03/2018 12:55 Hrs	9728 8803.0 9447.0 9629 10366.0 9569.0	15.63 8.42 10.09 9.74 8.88 12.32	12.98 22.17 21.04 20.14 31.18 22.06	NA NA NA NA NA NA	11.79 NA NA <0.1 <1 <1	NA NA NA NA NA NA	NA NA NA NA NA NA					
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	23.10.2017 10:00 Hrs 25/11/2017, 14:40 Hrs 15/12/2017, 11:30 Hrs 27/01/2018, 14:30Hrs 23/02/2018 14:45 Hrs 22/03/2018 15:15 Hrs	9728 8328.0 9095.0 9315 10366.0 9745.0	12.29 12.50 10.70 11.71 13.67 13.74	15.53 12.50 10.50 12.24 13.10 11.26	NA NA NA NA NA NA	<1 3.27 2.29 2.45 2.45 1.76	NA NA NA NA NA NA	NA NA NA 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
5	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	23.10.2017 12:00 Hrs	9728	8.70	11.85	NA	<1	NA
						25/11/2017, 12:00 Hrs	8328.0	8.56	12.15	NA	3.41	NA
						15/12/2017, 13:00 Hrs	9095.0	12.54	12.11	NA	3.01	NA
						27/01/2018, 11:50Hrs	9315	11.77	11.71	NA	2.50	NA
						23/02/2018 15:45 Hrs	10366.0	11.18	11.24	NA	2.50	NA
						22/03/2018 16:00 Hrs	9745.0	13.97	10.28	NA	1.68	NA
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	23.10.2017 16:00 Hrs	9728	7.81	14.68	NA	<1	NA
						25/11/2017, 11:05 Hrs	8328.0	11.97	14.33	NA	4.28	NA
						14/12/2017, 12:20 Hrs	9634.0	12.94	12.69	NA	3.62	NA
						27/01/2018, 10:45Hrs	9315	9.72	12.93	NA	4.28	NA
						22/02/2018 14:30 Hrs	10024.0	14.97	10.14	NA	4.28	NA
						22/03/2018 10:45 Hrs	9745.0	13.15	10.03	NA	1.44	NA
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	23.10.2017 16:30 Hrs	9728	8.03	10.47	NA	<1	NA
						25-11-2017, 12:30 Hrs	8328.0	11.63	11.33	NA	2.37	NA
						14/12/2017, 11:20 Hrs	9634.0	11.05	11.25	NA	2.12	NA
						27/01/2018, 15:15Hrs	9315	10.63	11.42	NA	2.37	NA
						22/02/2018 15:55 Hrs	10024.0	12.14	12.32	NA	2.37	NA
						22/03/2018 12:00 Hrs	9745.0	14.77	9.28	NA	1.76	NA
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	25.10.2017 13:30 Hrs	130	5.38	14.90	NA	<1	NA
						24-11-2017, 10:00 Hrs	81.0	5.21	13.73	NA	1.62	NA
						23/12/2017, 14:40 Hrs	82.0	5.36	10.25	NA	1.82	NA
						25/01/2018, 12:30Hrs	43	4.50	14.11	NA	1.84	NA
						24/02/2018 11:25 Hrs	20.4	4.50	12.11	NA	1.62	NA
						Not in operation						
9	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	26.10.2017 11:00 Hrs	9309	6.20	25.68	NA	NA	NA
						24-11-2017, 12:00 Hrs	8803.0	6.06	19.74	NA	NA	NA
						15/12/2017, 15:40 Hrs	9095.0	7.72	16.89	NA	NA	NA
						25/01/2018, 10:45Hrs	9578	11.20	15.01	NA	NA	NA
						26/02/2018 14:40 Hrs	10012.0	7.27	35.23	NA	NA	NA
						15/03/2018 12:50 Hrs	9607.0	6.87	33.00	NA	NA	NA
CPCB Norms								<100	NA	50	NA	

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Asst. Manager (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
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	09.10.2017 10:00 Hrs 15/11/2017, 15:45Hrs 13/12/2017, 13:15 Hrs 15/01/2018, 12:30Hrs 16/02/2018 15:30 Hrs 10/03/2018 12:40 Hrs	481 342.0 569.0 209 519.0 272.0	11.25 6.93 10.91 9.98 8.33 16.35	18.06 21.42 20.79 22.43 27.98 16.00	NA NA NA NA NA NA	NA NA NA NA NA NA	
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	09.10.2017 12:00 Hrs 15/11/2017, 12:15Hrs 13/12/2017, 12:25 Hrs 15/01/2018, 11:15Hrs 17/02/2018 12:10 Hrs 10/03/2018 12:40 Hrs	185 529.0 270.0 209 275.0 272.0	15.13 9.38 13.98 7.85 17.04 16.35	13.87 18.24 17.45 25.21 19.16 16.00	NA NA NA NA NA NA	NA NA NA NA NA NA	
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	09.10.2017 14:00 Hrs 15/11/2017, 11:15Hrs 13/12/2017, 11:50 Hrs 15/01/2018, 10:10Hrs 17/02/2018 11:30 Hrs 10/03/2018 12:00 Hrs	296 165.0 299.0 300 300.0 300.0	14.78 8.50 15.31 7.77 16.27 16.03	21.35 16.33 18.54 24.13 17.30 27.50	NA NA NA NA NA NA	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	10.10.2017 10:00 Hrs 15/11/2017, 13:15Hrs 13/12/2017, 13:15 Hrs 15/01/2018, 13:25Hrs 17/02/2018 12:50 Hrs 10/03/2018 11:45 Hrs	503 142.0 569.0 509 375.0 572.0	11.52 10.01 9.75 5.85 8.69 7.88	23.38 16.30 19.65 36.66 36.56 26.92	NA NA NA NA NA NA	NA NA NA NA NA NA	

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	10.10.2017 14:00 Hrs	443	7.03	17.70	NA	NA	NA
						15/11/2017, 14:30Hrs	190.0	7.09	17.29	NA	NA	NA
						14/12/2017, 15:45 Hrs	480.0	9.57	15.32	NA	NA	NA
						16/01/2018, 13:25Hrs	500	5.36	31.29	NA	NA	NA
						16/02/2018 13:45 Hrs	507.0	7.60	33.23	NA	NA	NA
						13/03/2018 12:45 Hrs	525.0	8.86	17.83	NA	NA	NA
						10.10.2017 14:00 Hrs	443	14.89	18.74	NA	12.3	NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	17/11/2017, 12:20 Hrs	500.0	19.50	16.55	NA	<1	NA
						14/12/2017, 13:45 Hrs	480.0	19.75	20.21	NA	<1	NA
						16/01/2018, 11:55Hrs	500	7.22	24.36	NA	1.4	NA
						16/02/2018 12:20 Hrs	507.0	17.67	44.05	NA	1.4	NA
						13/03/2018 11:00 Hrs	525.0	16.50	12.85	NA	4.5	NA
						11.10.2017 10:30 Hrs	508	14.48	13.94	NA	NA	NA
						17/11/2017, 14:50Hrs	500.0	10.86	18.99	NA	NA	NA
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	14/12/2017, 14:30 Hrs	480.0	11.79	19.54	NA	NA	NA
						16/01/2018, 10:30Hrs	500	4.82	22.17	NA	NA	NA
						16/02/2018 11:10 Hrs	507.0	10.16	37.12	NA	NA	NA
						13/03/2018 11:50 Hrs	525.0	11.17	37.03	NA	NA	NA
							CPCB Norms		<100	NA	100	NA



Checked By
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GM (Environment)



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Asst. Manager (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NO _x	CO
Plant Capacity: 2.0 MTPA												
III Sponge Iron Plant												
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	17.10.2017, 12:14 Hrs 14/11/2017, 10:30 hrs 18/12/2017, 15:15 hrs 18/01/2018, 12:15Hrs 12/02/2018 14:50 Hrs 12/03/2018 14:30 Hrs	4694 4794.0 4774.0 4890 4257.0 4860.0	42.97 37.42 36.27 34.00 32.00 32.12	4.27 3.08 4.11 4.21 5.10 7.89	1.3 1.16 NA NA 1.16 NA	NA NA NA NA NA NA	
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	17.10.2017, 10:12 Hrs 14/11/2017, 13:50 hrs 19/12/2017, 12:00 hrs 18/01/2018, 10:15Hrs 13/02/2018 14:00 Hrs 12/03/2018 12:30 Hrs	4694 4794.0 4800.0 4890 4274.0 4860.0	9.67 9.50 12.90 7.01 13.88 13.91	14.98 18.26 23.56 20.16 22.02 22.17	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	17.10.2017, 14:00 Hrs 14/11/2017, 12:00 hrs 19/12/2017, 15:15 hrs 25/01/2018, 10:40Hrs 13/02/2018 13:10 Hrs 12/03/2018 15:00 Hrs	4694 4794.0 4800.0 4838 4274.0 4860.0	15.97 16.78 15.96 17.31 12.08 10.97	14.37 16.54 16.45 15.17 28.14 20.17	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	18.10.2017, 10:07 Hrs 14/11/2017, 12:30 hrs 19/12/2017, 16:00 hrs 25/01/2018, 11:30Hrs 13/02/2018 12:15 Hrs 12/03/2018 15:45 Hrs	4597 4794.0 4800.0 4838 4274.0 4860.0	4.97 7.05 14.50 9.99 8.31 11.41	10.47 10.23 10.44 11.76 16.90 18.20	NA NA NA NA NA NA	NA NA NA NA NA NA	



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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Flow rate of the flue gas m/sec	Parameters mg/Nm ³							
									Particulate Matter (PM)	SO ₂	NO _x	CO				
5	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	18.10.2017, 14:30 Hrs 14/11/2017, 14:35 hrs 19/12/2017, 14:05 Hrs 18/01/2018, 15:15Hrs 13/02/2018 12:15 Hrs 12/03/2018 10:00 Hrs	4597 4794.0 4800.0 4890 4274.0 4860.0	12.28 11.88 12.00 12.47 10.28 10.24	8.40 9.03 8.54 10.47 10.67 10.47	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA	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	23.10.2017 11:00 Hrs 16/11/2017, 11:25hrs 22/12/2017, 15:45 hrs 18/01/2018, 12:45Hrs 12/02/2018 12:35 Hrs 20/03/2018 15:30 Hrs	8926 8586.0 7192.0 9365 4257.0 9564.0	4.46 7.55 8.42 8.92 8.22 9.52	36.01 32.19 18.45 35.17 43.00 14.24	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
2	De-Dusting System Stack II	Stock House	45	2.5	Bag Filters	23.10.2017 14:30 Hrs 16/11/2017, 12:30hrs 18/12/2017, 12:10 hrs 29/01/2018, 15:50Hrs 12/02/2018 13:30 Hrs 20/03/2018 11:30 Hrs	8926 8586.0 8900.0 9639 4257.0 9564.0	11.19 8.58 7.46 6.37 8.16 9.47	30.16 31.43 32.19 33.21 38.00 35.00	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
3	Stove Stack	Blast Furnace Stove	75	5	Heat Exchanger	24.10.2017 11:20 Hrs 27/11/2017, 11:20 hrs 18/12/2017, 13:10 hrs 18/01/2018, 10:20Hrs 26/02/2018 12:10 Hrs 20/03/2018 12:25 Hrs	9066 8966.0 8900.0 9365 9596.0 9564.0	9.58 12.01 6.99 10.20 9.15 8.95	7.26 14.40 31.43 8.60 19.22 31.56	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA

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Asst. Manager (Environment)

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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
4	De-Dusting System Cast House	Cast House	45	5.5	Bag Filters	24.10.2017 11:00 Hrs	9066	16.19	15.33	NA	NA	NA
						20/11/2017, 11:20 hrs	9116.0	9.99	8.89	NA	NA	NA
						18/12/2017, 11:20 hrs	8900.0	9.76	10.85	NA	NA	NA
						18/01/2018, 15:40Hrs	9365	13.50	15.01	NA	NA	NA
						26/02/2018 12:10 Hrs	9596.0	9.15	19.22	NA	NA	NA
						20/03/2018 10:00 Hrs	9564.0	10.10	7.23	NA	NA	NA
						03.10.2017 12:00 Hrs	291	8.86	13.54	NA	NA	NA
5	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	21/11/2017, 14:00 hrs	155.0	8.84	13.40	NA	NA	NA
						22/12/2017, 16:30hrs	42.0	6.98	12.45	NA	NA	NA
						29/01/2018, 16:30Hrs	100	10.00	11.24	NA	NA	NA
						26/02/2018 11:00 Hrs	56.1	7.69	15.17	NA	NA	NA
						20/03/2018 16:30 Hrs	164.2	9.97	11.20	NA	NA	NA
CPCB Norms								<50	250.0	150	10000	



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	NO _x	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	10.10.2017 14:30 Hrs 23/11/2017, 15:45 Hrs 22/12/2017, 12:40 Hrs 15/01/2018, 11:00Hrs 14/02/2018 16:30 Hrs 16/03/2018 11:00 Hrs	5090 6544.0 4602.0 7561 6602.0 6428.0	9.31 7.35 9.16 7.10 9.03 9.22	22.58 15.83 16.84 14.00 24.66 29.83	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	10.10.2017 12:30 Hrs 23/11/2017, 13:40 Hrs 12/12/2017, 16:15 Hrs 16/01/2018, 10:40Hrs 14/02/2018 15:40 Hrs 16/03/2018 14:35 Hrs	5090 6544.0 6483.0 6504 6602.0 6428.0	8.88 7.20 10.96 5.20 11.06 11.19	28.91 17.50 18.45 15.00 21.05 35.07	NA NA NA NA NA NA	NA NA NA NA NA NA	
3	Propotioning ESP Stack	Propotioning House	50	2.404	Electrostatic Precipitators	10.10.2017 11:00 Hrs 23/11/2017, 12:45 Hrs 12/12/2017, 15:20 Hrs 15/01/2018, 12:50Hrs 14/02/2018 12:40 Hrs 16/03/2018 13:15 Hrs	5090 6544.0 6483.0 7561 6602.0 6428.0	9.19 8.65 9.78 8.15 8.32 12.32	40.30 31.16 28.45 18.14 32.69 33.16	NA NA NA NA NA NA	NA NA NA NA NA NA	
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	09.10.2017 10:30 Hrs 23/11/2017, 11:30 Hrs 12/12/2017, 12:50 Hrs 15/01/2018, 14:30Hrs 14/02/2018 11:30 Hrs 16/03/2018 11:55 Hrs	6201 6544.0 6483.0 7561 6602.0 6428.0	11.21 15.00 13.56 15.70 15.70 16.43	56.33 14.64 19.54 25.00 41.00 41.93	NA NA NA NA NA NA	NA NA NA NA NA NA	



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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
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	09.10.2017 11:40 Hrs	6201	12.65	49.82	NA	NA	NA
						11/11/2017, 11:00 Hrs	4189.0	9.99	37.1	NA	NA	NA
						22/12/2017, 13:45 Hrs	4602.0	11.01	38.5	NA	NA	NA
						16/01/2018, 12:50Hrs	6504	5.90	30.00	NA	NA	NA
						14/02/2018 14:45 Hrs	6602.0	13.54	37.7	NA	NA	NA
16/03/2018 16:10 Hrs	6428.0	14.93	38.1	NA	NA	NA						
						CPCB Norms						

Plant Capacity: 2.5 MTPA

VI Sinter Plant -II												
1	Main ESP	Sinter Machine	85	5.5	Electrostatic Precipitators	18.10.2017,16:30 Hrs	6883	8.29	21.16	NA	NA	NA
						21/11/2017, 13:20 Hrs	6542.0	16.87	17.54	NA	NA	NA
						20/12/2017, 11:45 Hrs	5864.0	8.85	18.74	NA	NA	NA
						23/01/2018, 12:00Hrs	5864	16.80	10.20	NA	NA	NA
						24/02/2018 10:45 Hrs	5905.0	8.64	34.17	NA	NA	NA
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	17/03/2018 11:50 Hrs	7284.0	15.05	22.00	NA	NA	NA
						18.10.2017,10:30 Hrs	6883	8.92	18.82	NA	NA	NA
						17/11/2017, 12:20 Hrs	7404.0	10.36	19.26	NA	NA	NA
						20/12/2017, 12:50 Hrs	5864.0	6.31	12.65	NA	NA	NA
						23/01/2018, 12:00Hrs	5864	8.94	15.87	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	24/02/2018 11:55 Hrs	5905.0	7.19	10.14	NA	NA	NA
						17/03/2018 13:00 Hrs	7284.0	10.41	11.17	NA	NA	NA
						18.10.2017,15:35 Hrs	6883	9.08	22.20	NA	NA	NA
						17/11/2017, 15:20 Hrs	7404.0	7.3	14.32	NA	NA	NA
						20/12/2017, 15:00 Hrs	5864.0	13.47	10.23	NA	NA	NA
						29/01/2018, 14:30Hrs	5864	8.14	9.50	NA	NA	NA
						24/02/2018 14:00 Hrs	5905.0	11.37	12.16	NA	NA	NA
						17/03/2018 13:55 Hrs	7284.0	8.46	29.04	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	NO _x	CO							
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	16.10.2017,12:40 Hrs	7029	8.86	26.58	NA	NA	NA	NA						
						21/11/2017, 15:45 Hrs	6542.0	8.64	9.50	NA	NA	NA	NA						
						20/12/2017, 15:00 Hrs	5864.0	9.95	10.46	NA	NA	NA	NA						
						29/01/2018, 11:25Hrs	5864	9.84	8.50	NA	NA	NA	NA						
						15/02/2018 13:25 Hrs	7107.0	9.09	18.16	NA	NA	NA	NA						
						19/03/2018 16:30 Hrs	7228.0	8.87	22.00	NA	NA	NA	NA						
						18.10.2017,14:30 Hrs	6883	9.90	23.25	NA	NA	NA	NA						
						20/11/2017, 13:35 Hrs	6515.0	8.46	11.50	NA	NA	NA	NA						
						20/12/2017, 13:45 Hrs	5864.0	9.18	10.85	NA	NA	NA	NA						
						29/01/2018, 11:50Hrs	5864	9.05	10.93	NA	NA	NA	NA						
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	15/02/2018 12:30 Hrs	7107.0	9.63	19.12	NA	NA	NA	NA						
						19/03/2018 15:30 Hrs	7228.0	8.43	31.11	NA	NA	NA	NA						
						16.10.2017,10:40 Hrs	7029	8.59	20.31	NA	NA	NA	NA						
						20/11/2017, 16:00 Hrs	6515.0	7.84	10.63	NA	NA	NA	NA						
						20/12/2017, 16:40 Hrs	5864.0	12.80	10.45	NA	NA	NA	NA						
						29/01/2018, 10:30Hrs	5864	9.51	9.11	NA	NA	NA	NA						
						15/02/2018 10:15 Hrs	7107.0	9.84	12.66	NA	NA	NA	NA						
						19/03/2018 13:30 Hrs	7228.0	12.38	18.12	NA	NA	NA	NA						
						16.10.2017,14:30 Hrs	7029	8.92	29.51	NA	NA	NA	NA						
						20/11/2017, 12:50 Hrs	6515.0	8.55	6.33	NA	NA	NA	NA						
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	20/12/2017, 15:50 Hrs	5864.0	8.90	7.98	NA	NA	NA	NA						
						23/01/2018, 10:45Hrs	5864	8.60	6.40	NA	NA	NA	NA						
						15/02/2018 11:10 Hrs	7107.0	8.71	16.00	NA	NA	NA	NA						
						19/03/2018 12:45 Hrs	7228.0	14.27	27.42	NA	NA	NA	NA						
						7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	16.10.2017,12:40 Hrs	7029	8.86	26.58	NA	NA	NA	NA
												21/11/2017, 15:45 Hrs	6542.0	8.64	9.50	NA	NA	NA	NA
												20/12/2017, 15:00 Hrs	5864.0	9.95	10.46	NA	NA	NA	NA
												29/01/2018, 11:25Hrs	5864	9.84	8.50	NA	NA	NA	NA
												15/02/2018 13:25 Hrs	7107.0	9.09	18.16	NA	NA	NA	NA
												19/03/2018 16:30 Hrs	7228.0	8.87	22.00	NA	NA	NA	NA
18.10.2017,14:30 Hrs	6883	9.90	23.25	NA	NA							NA	NA						
20/11/2017, 13:35 Hrs	6515.0	8.46	11.50	NA	NA							NA	NA						
20/12/2017, 13:45 Hrs	5864.0	9.18	10.85	NA	NA							NA	NA						
29/01/2018, 11:50Hrs	5864	9.05	10.93	NA	NA							NA	NA						



Checked By
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GM (Environment)



Prepared By
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Asst. Manager (Environment)

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

8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	18.10.2017, 11: 40 Hrs	6883	10.20	18.54	NA	NA	NA
						20/11/2017, 17:10 Hrs	6515.0	8.00	6.19	NA	NA	NA
						20/12/2017, 10:40 Hrs	5864.0	8.29	7.12	NA	NA	NA
						23/01/2018, 15:15Hrs	5864	9.10	13.00	NA	NA	NA
						24/02/2018 13:00 Hrs	5905.0	8.21	14.24	NA	NA	NA
						17/03/2018 10:30 Hrs	7284.0	9.43	25.00	NA	NA	NA
CPCB Norms								<50	NA	NA	NA	NA

VII Captive Power Plant (55 MW)												
1	Boiler Stack	Boiler	40	5.0	Blower	03/10/2017, 11:00 Hrs.	53	11.11	4.55	NA	NA	NA
						16/11/2017, 15:00 Hrs	49.4	10.41	9.26	NA	NA	NA
						23/12/2017, 13:45 Hrs	48.6	14.39	8.64	NA	NA	NA
						17/01/2018, 14:45 Hrs	49	10.12	10.00	NA	NA	NA
						24/02/2018 15:15 Hrs	55.6	12.61	12.00	NA	NA	NA
						24/03/2018 15:45 Hrs	56.0	14.01	10.23	NA	NA	NA
CPCB Norms								<150	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

VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)												
1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	05/10/2017, 10:30 Hrs.	900	8.28	4.11	NA	NA	NA
						13-11-2017, 14:30 Hrs	1671.0	8.19	4.22	NA	NA	NA
						23/12/2017, 15:30 Hrs	1668.0	8.24	8.60	NA	NA	NA
						13/01/2018, 14:30Hrs	1668	6.00	8.16	NA	NA	NA
						26/02/2018, 14:30Hrs	2920.0	9.64	4.25	NA	NA	NA
						24/03/2018 11:00 Hrs	3350.0	15.57	10.23	NA	NA	NA
						20/10/2017, 14:00 Hrs.	2346	20.00	18.76	NA	NA	NA
						13-11-2017, 10:30 Hrs	758.0	20.00	9.56	NA	NA	NA
						23/12/2017, 12:10 Hrs	3319.0	15.00	4.80	NA	NA	NA
						13/01/2018, 11:25Hrs	3319	11.47	10.00	NA	NA	NA
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	26/02/2018, 12:10Hrs	2469.0	10.36	12.78	NA	NA	NA
						24/03/2018 12:30 Hrs	3131.0	10.65	4.24	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	27.10.2017	1458.89	12.88	19.69
		13.11.2017	1866.81	14.60	20.15
		19.12.2017	1712.50	16.78	21.49
		15/01/2018	1870.14	14.32	20.16
		21/02/2018	1008.31	15.18	20.82
		10/03/2018	909.66	14.82	19.26
2	Near Raw Material Feeding Area	26.10.2017	1615.89	14.57	25.83
		13.11.2017	1459.00	15.22	19.66
		19.12.2017	1145.11	16.58	20.46
		15/01/2018	585.37	15.66	18.32
		21/02/2018	675.84	16.32	18.64
3	Near Raw Material Screen Area	10/03/2018	1361.18	15.46	18.32
		26.10.2017	1187.66	10.89	25.68
		13.11.2017	1771.84	15.89	22.76
		19.12.2017	273.61	16.13	23.45
		15/01/2018	1746.11	13.23	19.15
4	Near Raw Material Silo	21/02/2018	365.83	14.82	20.46
		10/03/2018	1210.94	14.36	19.82
		27.10.2017	1085.29	18.89	25.66
		13.11.2017	1559.10	19.56	23.19
		19.12.2017	972.39	18.16	21.46
5	Near Furnace Area	15/01/2018	953.33	18.54	23.17
		21/02/2018	391.27	19.18	24.52
		10/03/2018	417.19	18.02	20.48
		26.10.2017	1569.18	13.32	22.33
		13.11.2017	1569.13	14.27	17.55
6	Near Product Screen House	19.12.2017	764.32	16.89	16.48
		15/01/2018	613.52	15.29	21.06
		21/02/2018	419.62	16.82	20.32
		10/03/2018	1761.69	15.18	18.54
		26.10.2017	1469.75	17.88	20.65
7	Near Product Silo	13.11.2017	1787.27	15.67	19.67
		19.12.2017	1215.62	18.17	20.17
		15/01/2018	1824.47	17.62	19.37
		22/02/2018	1121.85	16.68	18.32
		10/03/2018	780.44	16.10	19.28
8	Loading Point	26.10.2017	558.99	7.88	23.42
		13.11.2017	740.37	10.81	26.32
		19.12.2017	465.21	10.81	26.32
		17/01/2018	874.42	13.63	18.29
		21/02/2018	1378.45	14.42	19.28
8	Loading Point	12/03/2018	1794.77	13.52	18.96
		26.10.2017	1188.23	15.66	21.45
		13.11.2017	1275.00	16.83	23.55
		19.12.2017	1406.16	16.19	22.14
		17/01/2018	745.19	16.92	17.16
8	Loading Point	22/02/2018	997.90	16.72	18.36
		12/03/2018	772.71	15.46	17.74


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General Manager (Environment)

B) Hot Strip Mill Plant

1	Near Gas Cleaning Plant Stack - I Control Room	03.10.2017	722.09	5.18	27.13
		20.11.2017	900.00	16.28	26.29
		11.12.2017	1017.50	18.2	22.15
		23/01/2018	1094.07	15.13	22.19
		22/02/2018	292.23	16.32	24.42
		12/03/2018	1074.88	15.28	18.68
2	Near Gas Cleaning Plant Stack - II Control Room	12.10.2017	873.72	20.33	14.55
		20.11.2017	912.50	15.65	19.56
		11.12.2017	884.50	14.13	18.17
		23/01/2018	1511.04	16.17	19.53
		22/02/2018	1311.46	17.12	20.68
		12/03/2018	1082.24	16.36	19.34
3	Near Electric Arc Furnace Shell No. 1 & 2	28.10.2017	1583.66	20.04	19.32
		20.11.2017	2588.41	12.40	18.91
		11.12.2017	601.38	15.12	17.12
		23/01/2018	626.67	13.14	18.17
		23/02/2018	1143.82	14.28	19.72
		13/03/2018	1835.44	14.52	18.82
4	Near Electric Arc Furnace Shell No. 3 & 4	28.10.2017	2896.00	28.47	25.69
		21.11.2017	3369.57	14.08	22.10
		11.12.2017	732.47	16.13	19.43
		24/01/2018	653.52	15.12	17.32
		23/02/2018	1018.47	16.22	18.34
		24/03/2018	2267.21	15.94	18.56
5	Near Caster Control Room	28.10.2017	1389.11	10.89	15.29
		04.11.2017	1577.29	13.37	18.66
		11.12.2017	639.23	14.69	20.14
		23/01/2018	769.11	16.89	19.04
		22/02/2018	1003.10	17.12	20.22
		12/03/2018	626.75	16.78	19.48
6	Near Mould & Segment Repair Shop	27.10.2017	2483.44	14.89	25.44
		20.11.2017	625.00	16.87	23.90
		11.12.2017	57.79	17.13	24.16
		23/01/2018	107.96	13.32	17.56
		23/02/2018	431.30	14.18	18.36
		12/03/2018	492.96	13.54	17.78
7	Mill Area	07.10.2017	685.82	4.25	23.09
		17.11.2017	605.30	13.84	17.54
		11.12.2017	273.10	15.86	19.45
		23/01/2018	353.70	14.17	18.34
		22/02/2018	344.63	15.26	18.68
		13/03/2018	691.44	14.82	17.96

C) Lime Calcining Plant


1	Near Kiln I & II Lime Dedusting System Area	09.10.2017	2269	15.89	36.22
		15.11.2017	2895.55	15.66	28.56
		13.12.2017	702.36	16.47	22.45
		22/01/2018	1517.42	14.33	24.56
		20/02/2018	1168.31	15.32	23.96
		15/03/2018	2230.3	14.94	18.52
2	Near Product Storage & Quick Lime Building	10.10.2017	968.22	20.49	14.99
		15.11.2017	912.50	16.39	18.66
		13.12.2017	942.99	17.76	19.19
		22/01/2018	739.84	16.36	19.34
		19/02/2018	598.33	16.92	21.56
		15/03/2018	1671.04	15.62	19.24


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D) Blast Furnace					
1	Near Stock House	25.10.2017	1783.45	23.33	20.73
		16.11.2017	2437.50	17.92	20.36
		12.12.2017	499.82	14.26	21.46
		18/01/2018	948.60	18.04	20.02
		20/02/2018	2576.25	17.28	22.18
		13/03/2018	2541.36	16.18	19.28
2	Near Stove Area	25.10.2017	789.00	13.23	20.11
		20.11.2017	1632.19	10.92	16.20
		13.12.2017	91.00	12.46	18.49
		18/01/2018	873.52	10.32	16.18
		20/02/2018	478.09	12.28	18.32
		13/03/2018	834.50	12.46	17.32
3	Near Cast House (East)	25.10.2017	1681.45	25.69	18.11
		16.11.2017	1512.00	16.22	21.22
		14.12.2017	340.17	19.13	22.16
		18/01/2018	1034.45	14.16	21.22
		20/02/2018	764.06	14.48	22.94
		13/03/2018	1674.10	13.82	19.86
4	Near Cast House (West)	25.10.2017	1468.11	28.69	31.84
		13.11.2017	1325.00	16.22	22.50
		14.12.2017	845.83	16.22	24.19
		22/01/2018	496.67	15.19	22.43
		21/02/2018	670.98	16.22	23.15
		14/03/2018	1519.96	15.54	20.28
5	Near Slag Granulation Plant	10.10.2017	816.22	15.98	21.32
		13.11.2017	925	14.73	19.88
		13.12.2017	454.35	14.73	18.49
		18/01/2018	2783.7	14.61	19.86
		20/02/2018	178.59	15.47	20.64
		14/03/2018	1299.79	14.38	17.12
6	Near Pig Casting Machine -I	25.10.2017	987.66	16.20	18.33
		20.11.2017	1229.92	13.90	16.59
		13.12.2017	282.47	19.18	14.17
		18/01/2018	738.89	13.92	16.73
		20/02/2018	1070.91	14.78	18.66
		14/03/2018	1116.6	13.92	18.48
7	Near Pig Casting Machine -II	25.10.2017	1465.48	20.01	18.78
		20.11.2017	1300.95	16.36	21.36
		13.12.2017	62.83	17.49	23.17
		18/01/2018	455.19	16.47	21.04
		20/02/2018	680.37	17.41	22.34
		15/03/2018	1032.59	16.24	20.78
E) Sinter Plant-I					
1	Near Flux & Coal Crushing House	04/10/2017	732.27	4.33	25.96
		17.11.2017	1125.00	15.67	18.69
		15.12.2017	2713.83	18.17	22.14
		16/01/2018	3467.66	14.13	17.13
		19/02/2018	2408.44	16.38	19.53
		21/03/2018	2413.77	14.28	18.62
2	Near Flux Screening & Coal Crushing House	24.10.2017	1988.00	15.36	20.34
		17.11.2017	2295.00	16.47	23.25
		15.12.2017	1305.21	18.19	23.17
		16/01/2018	431.30	16.36	22.26
		19/02/2018	992.72	17.28	23.16
		20/03/2018	1012.50	16.32	19.58


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3	Near Proportioning House	24.10.2017	2105.22	20.69	25.23
		17.11.2017	2450.00	19.73	21.19
		15.12.2017	3278.65	18.49	22.46
		16/01/2018	3244.57	18.19	21.18
		19/02/2018	261.67	18.42	22.88
		21/03/2018	1638.86	17.24	18.62
4	Near Sintering House	23.10.2017	610.89	14.69	20.01
		17.11.2017	705.30	12.00	18.69
		15.12.2017	134.42	14.13	19.47
		16/01/2018	1295.74	12.00	18.34
		19/02/2018	700.89	13.74	18.98
		21/03/2018	421.23	12.68	16.58
5	Near Product Screen House	24.10.2017	1269.22	18.89	25.67
		17.11.2017	1125.00	15.37	19.56
		15.12.2017	1095.65	16.19	18.23
		16/01/2018	548.33	15.17	19.36
		19/02/2018	2679.45	16.68	20.38
		21/03/2018	1859.65	14.48	18.02
E) Sinter Plant-II					
1	Near Crushing Bldg.	23.10.2017	1422.89	26.22	20.89
		16.11.2017	701.51	14.20	17.53
		14.12.2017	958.33	16.18	23.14
		17/01/2018	1633.52	13.26	18.17
		15/02/2018	2214.34	14.15	19.24
		20/03/2018	1504.17	13.78	19.68
2	Near Mixing & Nodulizer Area	23.10.2017	789.26	20.20	18.45
		16.11.2017	1694.88	15.46	19.69
		14.12.2017	654.00	16.49	20.47
		17/01/2018	840.00	15.19	19.72
		15/02/2018	3669.37	16.62	20.86
		19/03/2018	2215.48	15.08	18.20
3	Near Sintering Machine	23.10.2017	1266.00	25.63	32.01
		17.11.2017	1168.94	11.25	16.89
		14.12.2017	436.23	12.46	18.19
		17/01/2018	1089.26	11.36	17.16
		15/02/2018	429.89	12.48	18.32
		20/03/2018	521.74	14.64	16.94
4	Near Sintering House	23.10.2017	798.69	15.33	25.78
		16.11.2017	1662.50	15.22	19.40
		14.12.2017	474.00	16.17	18.19
		17/01/2018	795.74	14.34	20.14
		15/02/2018	496.14	15.18	21.62
		20/03/2018	933.33	14.66	18.32
5	Near Raw Material Screen Bldg.	23.10.2017	1756.00	18.89	25.32
		16.11.2017	868.56	13.55	17.36
		14.12.2017	1279.67	16.49	19.75
		17/01/2018	1646.85	13.44	17.86
		15/02/2018	1902.66	14.26	18.42
		19/03/2018	1891.26	13.52	17.84
6	Near Product Screen Bldg.	23.10.2017	1568.33	15.08	25.89
		17.11.2017	1098.49	18.96	24.31
		14.12.2017	1752.90	19.16	22.17
		17/01/2018	1518.33	17.92	22.13
		15/02/2018	1320.19	16.52	22.68
		19/03/2018	1737.20	15.84	18.26



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F) BILLET CASTER					
1	Near Laddel Furnace Area	28.10.2017	2389.11	20.89	25.61
		15-11-2017	2256.16	10.22	19.20
		11-12-2017	657.63	14.12	18.23
		22-01-2018	509.81	14.17	18.22
		19-02-2018	863.86	15.19	20.22
		16-03-2018	420.3	14.28	18.64
2	Near Casting Floor (Control room) 10.6 m	28.10.2017	860.05	15.37	24.95
		16-11-2017	1588.45	11.20	18.53
		12-12-2017	265.53	15.13	17.46
		23-01-2018	843.33	15.13	16.39
		20-02-2018	1192.36	16.62	18.38
		17-03-2018	585.92	15.64	17.58
3	Near Billet Caster Torch Cutter Machine	27.10.2017	1389.45	20.03	22.69
		13-11-2017	1487.5	15.69	19.21
		12-12-2017	88.40	16.15	19.17
		22-01-2018	95.19	15.69	19.2
		21-02-2018	793.74	14.81	20.72
		19-03-2018	196.46	13.88	19.46

G) BAR MILL					
1	Near CP2 Furnace Mill Area	30.10.2017	565.25	15.33	28.78
		15.11.2017	1258.62	10.90	18.59
		21.12.2017	983.15	14.16	15.17
		01-22-2018	573.52	11.23	14.14
		23-02-2018	451	12.45	16.76
		24/03/2018	520.37	13.42	18.64
2	Near Bed Cooling (zero meter) Mill Area	30.10.2017	489.32	18.83	21.42
		16.11.2017	557.99	12.36	20.36
		21.12.2017	388.00	12.16	17.46
		01-22-2018	458.70	13.26	13.96
		23-02-2018	223.37	14.28	18.32
		24/03/2018	538.89	15.18	17.86


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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : October - 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
01-10-2017	20.87	35.44	5.42	30.56	20.71	33.54	3.65	11.16	24.79	45.27	5.99	9.09	22.43	30.15	5.38	11.21	13.58	45.5	5.26	2.22
02-10-2017	22.12	53.69	4.68	12.06	23.42	38.09	5.48	10.43	27.78	53.56	6.01	8.92	22.85	35.73	6.02	11.09	14.04	45.17	4.41	2.45
03-10-2017	27.79	50.18	5.68	13.96	22.96	38.13	5.92	9.59	35.69	56.26	6.5	9.44	33.57	52.76	5.76	12.52	19.88	55.22	4.6	2.47
04-10-2017	28.77	51.55	4.96	16.48	27.96	56.13	7.41	9.2	39.01	66.07	6.37	10.46	31.98	46.15	5.86	12.72	22.4	65.62	4.65	2.43
05-10-2017	35.51	74.46	9.26	15.3	24.32	50.12	3.65	8.94	41.33	70.41	6.31	9.59	22.25	39.65	5.41	11.52	19.05	47.81	4.82	2.47
06-10-2017	36.37	78.32	10.91	21.64	11.67	17.50	8.62	11.77	28.54	53.56	6.36	8.39	24.68	34.43	4.64	10.66	10.46	20.55	5.1	2.45
07-10-2017	18.6	57.66	6.27	29.76	22.00	54.00	3.65	11.37	18.11	30.89	6.24	10.37	25.4	27.39	6.02	12.59	10.46	20.55	5.1	2.27
08-10-2017	12.96	35.89	5.03	20.8	20.00	36.00	8.65	10.06	15.07	27.52	6.29	9.24	15.4	20.3	6.03	11.41	8.49	25.45	4.93	2.25
09-10-2017	14.94	48.87	5.26	22.56	13.89	20.27	6.52	10.84	14.14	22.18	6.16	9.66	14.9	15.62	5.59	11.19	6.32	18.68	5.25	2.29
10-10-2017	15.68	52.5	5.56	25.48	13.49	22.20	7.24	12.51	13.35	19.98	6.22	10.47	11.55	15.14	5.62	11.76	8.35	22.82	4.74	2.15
11-10-2017	15.91	81.74	6.37	19.38	14.58	30.25	8.12	13	7.27	13.13	6.26	8.77	21.54	31.8	6.32	10.53	6.79	24.77	4.96	2.52
12-10-2017	14.12	75.57	8.62	23	20.54	35.62	6.34	10.46	9.24	18.36	6.33	8.23	21.48	38.71	4.58	11.57	4.93	33.81	10.2	4.53
13-10-2017	14.85	55.72	6.71	22.18	21.36	42.61	8.23	11.97	10.06	17.28	6.5	9.88	12.65	25.4	6.31	12.58	6.76	21.62	8.25	3.47
14-10-2017	16.04	53.82	6	22.41	24.15	52.36	6.34	8.31	16.15	24.01	6.51	8.13	13.68	24.91	5.82	11.45	10.01	24.07	8.62	3.6
15-10-2017	22.29	40.93	7.89	19.39	27.45	56.35	6.34	8.68	31.2	54.51	6.47	9.5	12.85	20.46	4.89	12.93	8.69	22.06	4.67	3.81
16-10-2017	17.77	51.33	7.93	12.39	28.62	62.35	6.38	10.68	16.9	28.97	6.76	9.3	10.24	22.91	7.21	11.38	10.01	24.07	8.62	3.6
17-10-2017	28.14	65.51	7.19	14.79	32.65	67.84	6.38	8.32	18.08	29	6.62	8.74	13.68	24.91	5.82	11.45	13.69	34.9	6.02	3.91
18-10-2017	38.82	72.06	6.64	19.47	22.54	42.08	7.68	8.32	16.15	71.55	7.36	10.58	23.65	43.05	6.58	12.72	16.83	39.92	3.03	3.88
19-10-2017	44.4	88.86	8.35	22.26	39.08	61.45	6.13	8.32	44.93	76.49	7.27	11.73	35.48	63.56	6.42	12.69	24.53	68.63	2.97	4.24
20-10-2017	41.43	86.35	6.59	21.78	35.04	50.08	5.99	8.32	35.04	54.68	6.81	9.68	24.74	54.19	6.38	12.29	25.38	60.49	2.9	4.03
21-10-2017	31.59	87.51	6.72	14.04	29.17	45.68	2.71	8.31	30.64	51.02	6.73	8.86	26.95	48.09	6.75	10.97	22.03	63.15	2.92	3.94
22-10-2017	26.96	96.48	14.56	13.98	33.63	40.22	3.43	8.35	33.27	44.4	6.75	9.72	36.95	62.19	7.23	11.29	20.02	59.7	2.93	4.02
23-10-2017	27	75.19	9.65	28.95	19.75	39.8	3.35	8.25	30.52	68.5	6.62	11.77	19.87	46.18	8.21	12.94	16.44	56.11	2.94	4.25
24-10-2017	27.36	82.06	7.14	26.11	31.65	66.96	5.96	9.93	26.68	59.79	6.79	15.38	24.76	51.97	7.36	14.59	16.44	56.11	3.3	4.43
25-10-2017	39.18	89.65	26.26	26.16	24.15	39.2	4.18	8.34	28.72	65.89	7.05	11.99	21.25	55.69	6.54	14.5	18.1	64.6	3.92	4.41
26-10-2017	36.74	81.64	14.36	26.16	22.32	42.49	6.14	8.33	24.1	56.54	6.63	10.72	26.38	53.14	7.36	13.8	13.9	55.84	3.98	4.36
27-10-2017	28.43	96.63	10.75	23.37	22.84	39.76	3.82	8.33	26.96	54.95	6.53	10.07	29.85	48.68	5.46	13.53	17.71	61.04	3.98	4.47
28-10-2017	23.16	74.86	8.36	26.88	22.84	39.76	3.82	8.33	29.48	68.81	6.91	13.48	21.76	44.93	4.85	15.07	14.76	50.39	3.89	4.47
29-10-2017	32.5	74.58	12.42	29.19	30.75	46.60	5.32	8.72	29.42	53.8	6.86	11.72	30.15	52.05	4.39	14.49	21.83	60.36	3.92	4.5
30-10-2017	34.61	84.21	14.2	34.67	28.54	48.71	4.58	10.67	28.99	59.97	7.23	11.7	32.84	50.79	4.51	14.79	13.77	55.47	3.89	4.52
31-10-2017	32.58	83.24	12.45	36.05	36.52	75.62	7.52	9.99	31.37	73.16	7.08	11.68	30.46	50.58	7.21	14.91	20.37	59.99	3.82	4.62

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
Oct., 17	< 75	< 70
Standards	< 75	< 70

[Signature]

Prepared By
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Asst. Manager (Environment)

[Signature]

Checked By
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GM (Environment)

JSW STEEL LIMITED
 GEETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST. - RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
 MONTH : NOVEMBER - 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	
01-11-2017	25.25	81.61	8.36	30.33		30.32	72.55	4.11	8.33		33.55	64.21	7.31	11.69		32.1	65.68	4.15	14.53		17.52	64.46	3.85	4.5	
02-11-2017	27.46	85.94	9.99	31.82		30.46	71.29	7.54	8.34		36.43	68.07	7.15	13.76		29.58	67.70	4.82	16.44		20.42	67.29	3.95	4.53	
03-11-2017	27.96	76.95	13.99	34.28		40.76	86.04	7.97	8.3		31.87	61.31	7.01	11.44		57.45	55.38	6.12	15.60		20.44	61.81	3.98	4.48	
04-11-2017	30.14	78.64	12.75	33.21		42.86	85.62	4.17	8.25		34.47	67.25	7.18	11.46		31.2	55.07	8.12	16.59		19.05	60.2	4.01	4.54	
05-11-2017	30.61	78.53	7.79	39.34		30.08	56.88	8.56	8.34		35.2	71.56	7.24	13.46		30.58	60.59	7.51	16.90		20.93	62.8	3.95	4.49	
06-11-2017	20.59	43.76	6.09	25.4		30.77	52.78	1.36	9.88		35.18	66.38	7.68	11.31		28.53	55.00	4.63	16.00		19.51	52.56	3.91	4.49	
07-11-2017	24.03	64.17	8.8	34.75		25.84	51.03	4.56	8.37		28.71	52.3	7.57	10.76		27.45	60.02	6.35	16.09		19.8	66.89	3.92	4.48	
08-11-2017	27.75	85.25	10.3	28.76		26.52	52.00	5.41	10.00		32.13	61.04	7.69	9.96		29.82	65.00	5.89	15.00		18.22	56.94	3.92	4.5	
09-11-2017	23.09	52.39	11.05	32.44		22.90	56.37	4.81	8.60		34.48	67.23	7.54	11.02		30.49	59.83	4.85	16.48		26.7	66.61	3.86	4.49	
10-11-2017	26.44	69.58	7.81	34.48		26.00	41.00	3.84	8.00		32.57	58.22	7.11	10.56		31.89	57.93	6.45	15.78		10.99	71.07	3.81	4.51	
11-11-2017	31.62	86.81	10.7	35.69		33.55	58.53	3.12	8.64		37.54	66.33	7.32	10.03		31.19	54.64	3.85	15.24		8.77	68.61	3.91	4.49	
12-11-2017	32.41	93.93	15.53	33.56		34.74	55.87	3.82	10.88		39.02	69.41	7.53	10.74		32.01	61.81	2.88	15.60		28.15	39.85	3.9	3.9	
13-11-2017	33.65	89.67	7.65	30.55		31.00	48.00	4.00	10.00		34.61	62.41	7.19	9.61		31.54	63.36	4.89	14.85		14.73	29.87	3.97	4.48	
14-11-2017	31.35	80.47	8.44	29.88		41.57	76.81	1.07	9.79		42.85	84.97	7.4	12.86		31.63	58.32	4.93	15.50		22.51	62.41	3.89	5.4	
15-11-2017	35.66	95.1	8.73	45.9		39.95	79.03	2.75	8.33		47.79	86.35	7.72	15.95		37.44	94.79	3.62	23.3		21.62	86.34	2.19	5	
16-11-2017	31.9	63.95	8.62	47.36		43.44	79.68	1.41	8.47		50.74	84.59	7.4	19.51		41.02	81.3	4.33	20.59		23.91	78.28	2.32	5.02	
17-11-2017	33.33	56.86	7.18	41.66		45.93	81.24	0.83	8.45		53.8	94.07	7.24	19.18		40.77	79.7	4.96	20.84		17.96	84.88	2.64	5.01	
18-11-2017	35.19	67.06	11.04	46.13		48.58	82.37	1.35	14.42		58.95	95.48	7.61	22.81		41.24	86.14	4.41	20.62		16.47	89.99	1.8	5.01	
19-11-2017	33.93	64.52	7.14	47.59		50.29	92.94	6.14	14.41		56.37	87.62	7.59	19.48		43.99	83.28	5.13	18.88		11.86	92.85	2.33	5.02	
20-11-2017	30.41	58.47	7.48	45.73		42.01	70.38	4.01	8.35		57.32	89.52	7.86	33.85		34.06	70.94	4.72	20.21		8.51	66.01	2.51	5.01	
21-11-2017	26.96	41.5	7.48	40.93		40.89	58.43	1.73	8.78		49.38	80.74	7.55	21.84		36.23	44.38	3.89	18.93		8.39	76.22	2.35	4.99	
22-11-2017	24.52	38.88	6.7	38.79		38.52	63.05	1.5	12.07		38.51	87.56	7.88	22.87		38.53	65.82	3.64	20.34		9.49	76.92	2.45	5	
23-11-2017	24.57	55.14	8.09	47.87		42.44	52.05	1.8	17.5		56.84	91.2	10.61	17.59		43.24	64.46	4.6	19.9		8.31	69.76	2.11	4.99	
24-11-2017	33.32	79.05	10.27	45.11		34.92	56.59	5.02	12.23		57.06	87.46	8.43	12.69		38.06	84.13	4.75	19.68		8.31	67.89	2.34	5.01	
25-11-2017	30.42	44.33	6.78	35.57		40.24	63.62	2.72	11.59		57.39	83.52	8.59	11.5		43.24	64.46	4.6	19.9		9.65	78.34	2.11	4.99	
26-11-2017	33.27	72.45	10.34	45.44		41.31	5.56	2.28	10.96		46.8	84.75	8.5	14.07		37.75	77.23	3.71	17.43		10.01	73.57	2.52	5.07	
27-11-2017	36.7	79.23	12.63	47.19		38.96	65.14	2.57	9.55		46.8	84.75	8.5	14.07		38.62	68.61	3.72	16.6		8.88	64.87	2.12	5.01	
28-11-2017	38.52	82.14	14.77	54.06		36.78	61.93	5.98	18.98		43.52	90.48	8.29	10.82		47.2	90.91	4.27	16.81		8.37	95.16	2.22	5.02	
29-11-2017	41.74	87.64	8.98	54.57		39.79	72.27	5.13	24.52		47.56	78.65	8.72	12.26		40.1	64.4	4.09	17.88		8.16	74.76	2.05	4.99	
30-11-2017	32.02	74.41	9.09	53.54		40.05	62.54	3.61	37.22		43.51	75.48	8.87	11.05		36.15	59.89	5.16	20.89		19.13	85.35	2.21	4.92	

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
November, 17	< 75	< 70
Standards	< 75	< 70

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

Checked By
 V. M. Waghchaure
 GM (Environment)

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : DECEMBER - 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
01-12-2017	27.94	48.52	11.42	56.45	47.03	86.21	1.31	10.28	48.04	3	9.09	17.24	31.85	61.52	3.82	21.99	34.95	93.41	2.48	4.99
02-12-2017	24.91	45.48	33.57	40.72	32.01	57.36	3.78	15.41	39.77	40.53	8.9	16.66	30.44	59.59	4.61	19.74	30.86	79.42	2.43	5.01
03-12-2017	24.46	47.4	19.02	40.7	32.7	58.3	4.85	10.71	50.18	77.77	9.05	13.39	28.25	52.57	3.91	17.87	29.99	75.06	2.06	4.97
04-12-2017	19.67	40.8	12.35	35.32	34.63	56.25	22.16	18.14	40.25	64.89	8.92	12.59	26.36	46.98	4.79	15.76	28.34	73.43	2.33	4.97
05-12-2017	40.95	48.15	9.05	53.7	31.31	44.71	18.89	10.87	21.37	31.38	8.91	14.96	16.45	26.36	4.36	12.76	15.03	30.56	2.35	5.01
06-12-2017	6.52	21.92	10.94	28.96	13.34	12.03	6.07	10.25	15.36	30.1	9.14	15.71	14.07	37.72	4.83	13.72	14.82	29.83	2.23	4.99
07-12-2017	11.48	17.72	6.59	34.57	33.06	47.27	5.08	17.73	34.81	60.66	9.35	21.82	19.24	33.62	4.7	17.59	22.38	41.42	2.39	4.99
08-12-2017	16.83	22.14	6.34	38.97	37.31	49.68	2.44	9.83	44.99	77.68	9.31	23.47	27.89	51.13	4.69	19.28	29.77	55.51	2.31	4.96
09-12-2017	21.29	27.73	8.85	38.42	45.23	61.36	4.76	9.87					31.3	61.44	4.27	17.58	37.67	62.96	2.51	5.02
10-12-2017	18.83	27.59	6.68	32.66	46.92	66.17	2.62	12.82					29.61	57.29	5.01	16.57	39.43	77.29	2.31	5
11-12-2017	12.87	19.65	7.16	28.3	32.28	45.81	1.23	9.93					22.54	37.94	3.75	17.88	22.93	47.31	2.51	5.01
12-12-2017	12.46	29.44	7.46	32.37	18.89	35.07	5.82	16.41					16.02	27.51	5.2	18.96	16.06	46.1	2.57	4.99
13-12-2017	12.97	23.17	9.68	33.34	23.08	36.88	8.68	10.27					18.24	41.22	4.84	19.71	21.92	54.7	2.51	4.98
14-12-2017	20.79	47.07	9.01	37.79	37.06	51.61	2.4	11.98					23.29	42.52	4.32	20.1	24.04	53.17	2.48	4.99
15-12-2017	25.91	47.34	9.01	45.37	42.65	80.34	7.02	23.17					31.21	52.73	4.18	20.89	35.25	72.94	2.38	4.98
16-12-2017	25.04	38.43	8.37	39.61	46.67	72.7	1.37	36.35					41.32	56.3	6.78	20.58	4.61	83.81	2.49	4.92
17-12-2017	28.27	69.57	12	40.58	35.95	63.02	2.08	10.2					27.72	43.01	4.27	20.55	29.82	64.88	2.06	4.99
18-12-2017	25.43	48.88	8.99	40.61	35.25	67.63	5.64	10.84					30.44	54.28	4.38	22.68	36.15	78.38	2.09	4.98
19-12-2017	28.28	63.45	9.81	50.42	35.14	72.9	5.48	22.74					27.7	47.64	6.07	20.17	29.23	64.47	2.44	4.98
20-12-2017	26.63	72.12	16.31	61.2	34.96	44.5	5.86	30.82					22.81	51.24	6.95	22.5	29.43	68.11	2.29	4.96
21-12-2017	34.09	80.6	9.86	63.16	42.2	60.68	5.79	43.85					29.31	73.92	5.46	23.77	39.86	55.25	2.88	4.86
22-12-2017	36.03	74.6	8.84	56.04	40.59	75.31	3.84	11.38					29.72	54.5	6.69	23.1	46.12	45.77	2.37	5.04
23-12-2017	32.1	66.71	12.96	61.83	36.99	58.75	3.41	8.9					31.93	59.57	6.9	22.55	39.11	94.59	2.39	4.98
24-12-2017	35.81	69.86	11.7	46.92	45.14	72.06	3.49	9.14					34.24	52.12	5.85	19.9	52.92	95.23	2.4	4.98
25-12-2017	35.46	60.21	8.91	46.27	50.73	77.52	4.94	9.08					38.87	68.8	7.16	24.17	52.05	94.43	2.42	5
26-12-2017	33.21	69.36	8.87	50.58	42.96	75.62	1.96	8.83					33.55	65.6	6.13	24.17	44.15	98.74	2.56	5
27-12-2017	34.48	68.69	9.66	49.95	40.38	66.74	5.67	8.6					30.93	62.27	6.71	21.45	40.01	97.58	2.28	5
28-12-2017	35.67	69.38	8.82	51.21	41.13	62.56	9.36	9.11					31.62	63.44	6.77	23.78	37.12	87.81	2.13	5.01
29-12-2017	36.07	91.46	10.59	59.79	33.24	56.17	1.76	8.53					30.35	64.49	5.89	21.21	40.45	92.1	2.47	5
30-12-2017	36.84	91.16	8.14	45.33	41.27	71.32	1.99	8.54					31.37	60.91	6.67	21.3	40.5	85.49	2.09	5
31-12-2017	35.69	73.08	10.97	43.85	45.65	62	1.47	8.61					31.59	75.42	5.58	19.88	36.27	98.71	2.53	5

Re routing of Power Supply Cable

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
December, 17	62	61
Standards	< 75	< 70

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

Checked By
V. M. Waghchaure
GM (Environment)

JSW STEEL LIMITED
 GETAPURAM, DOLVI - 402 107, TALUKA - PEN, DIST.- RAIGAD.
AMBIENT AIR QUALITY MONITORING REPORT
 MONTH : JANUARY, 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
01-01-2018	31.99	63.14	8.38	36.39	41.37	54.27	3.19	8.45	47.44	80.96	8.08	15.48	33.49	53.68	5.61	19.48	41.28	78.47	2.53	4.96
02-01-2018	28.40	50.99	10.83	45.43	39.27	56.56	0.82	8.49	42.00	69.00	8.14	16.33	31.72	56.84	6.36	23.87	39.67	94.15	2.34	4.99
03-01-2018	31.41	63.78	8.73	46.15	45.69	57.62	4.47	8.49	46.70	73.81	8.37	15.81	34.83	67.51	6.99	22.49	45.37	98.49	2.28	5.00
04-01-2018	29.41	54.36	9.70	49.87	43.53	63.21	1.89	8.49	51.73	99.19	8.54	20.68	31.16	58.69	6.53	23.27	38.25	82.85	2.47	4.99
05-01-2018	23.29	36.84	6.64	38.68	39.23	66.01	7.55	8.52	47.86	92.40	8.68	25.24	31.34	64.24	7.61	29.18	33.44	78.90	2.24	4.97
06-01-2018	22.18	35.65	6.37	36.38	36.38	57.38	3.96	8.53	42.91	91.43	8.27	26.12	27.05	72.89	6.64	30.32	34.22	83.34	2.64	5.00
07-01-2018	19.45	32.10	6.21	35.42	30.03	47.70	8.46	8.52	30.65	79.96	8.05	21.97	21.35	50.60	6.18	26.93	25.74	63.40	2.54	5.00
08-01-2018	28.23	54.56	8.13	42.65	34.26	57.79	8.48	8.47	45.15	73.30	8.18	15.79	31.56	76.90	5.56	21.26	44.56	92.51	2.56	4.99
09-01-2018	30.40	59.45	10.05	48.02	42.07	60.64	4.07	8.49	54.55	92.45	8.44	19.09	36.27	91.43	5.68	27.82	44.33	98.45	2.43	5.01
10-01-2018	33.86	55.66	8.53	39.16	48.09	84.66	5.43	8.44	52.60	97.07	8.15	17.62	37.05	78.24	7.01	25.46	43.97	94.76	2.23	5.01
11-01-2018	32.32	55.08	14.34	38.04	47.60	87.18	0.23	8.43	55.53	94.35	8.38	17.48	34.97	82.97	6.17	24.19	42.98	98.07	2.34	5.00
12-01-2018	37.99	77.70	10.66	39.28	49.32	94.00	3.07	8.43	52.32	95.25	8.92	17.30	38.83	74.14	7.00	22.06	37.78	91.38	2.47	5.00
13-01-2018	30.31	57.41	12.08	35.47	49.15	51.47	1.92	8.39	55.27	95.77	8.83	17.38	33.87	62.84	6.01	20.19	32.13	78.87	2.14	5.01
14-01-2018	30.17	58.27	9.33	35.48	49.16	85.48	1.57	8.41	53.92	95.16	9.24	16.70	35.68	70.55	5.98	21.30	38.54	81.91	2.31	4.97
15-01-2018	33.93	69.84	9.32	35.01	53.66	3.67	1.76	8.43	53.65	96.88	9.76	19.21	35.93	75.87	5.14	23.46	27.28	79.86	2.50	5.01
16-01-2018	31.15	62.84	8.52	37.61	45.86	65.32	5.16	8.37	37.70	88.83	9.41	26.91	30.20	60.01	6.64	21.85	23.94	70.95	2.48	4.96
17-01-2018	18.36	48.03	10.74	58.88	32.75	63.38	5.26	8.39	39.78	91.85	9.43	26.87	28.10	57.64	6.02	23.35	24.71	70.76	2.51	4.99
18-01-2018	21.95	38.29	8.11	40.13	36.23	72.01	10.91	8.38	35.93	98.95	9.03	27.17	25.53	55.50	5.87	24.10	23.55	65.73	2.50	5.00
19-01-2018	20.46	42.99	7.94	43.10	27.37	39.19	5.98	8.37	48.76	94.13	9.55	14.76	26.51	62.46	6.32	24.07	18.61	77.52	2.60	4.99
20-01-2018	23.31	54.58	7.44	43.66	29.02	42.69	5.96	8.40	33.11	57.86	8.91	10.75	27.80	53.77	5.89	18.76	22.15	66.62	2.35	4.99
21-01-2018	27.69	68.92	8.75	36.01	32.52	43.33	1.75	8.39	34.07	56.45	9.40	10.90	27.81	58.56	4.97	18.00	28.45	63.64	2.45	4.97
22-01-2018	26.16	60.30	8.15	34.67	32.57	38.87	2.22	8.41	33.63	76.50	9.42	14.05	25.98	38.89	5.93	18.04	26.46	70.19	2.63	5.02
23-01-2018	22.24	59.95	13.61	37.55	35.31	45.33	5.90	8.40	25.93	69.79	9.31	16.36	20.92	46.12	6.80	20.87	14.30	50.91	2.29	4.99
24-01-2018	13.87	30.60	7.65	30.94	25.30	41.66	6.37	8.42	37.80	92.40	9.48	22.54	23.48	59.70	6.13	23.46	23.68	70.51	2.65	4.99
25-01-2018	22.52	54.30	9.83	47.49	34.91	56.19	5.15	8.39	39.37	78.44	9.22	20.85	26.81	60.63	6.26	22.76	27.60	75.42	2.48	5.00
26-01-2018	21.76	46.67	11.53	47.59	37.05	49.21	3.39	8.21	38.07	98.19	9.00	21.18	25.63	49.63	7.00	20.36	26.29	68.22	2.81	5.00
27-01-2018	22.02	49.99	8.48	40.04	36.44	49.48	13.13	8.39	30.43	70.18	8.54	18.53	23.21	44.90	6.74	22.72	16.30	56.87	2.90	5.01
28-01-2018	19.62	43.50	9.66	41.78	32.27	42.47	13.90	8.41	41.89	78.82	8.72	22.97	28.67	58.89	6.76	24.35	25.61	68.24	4.37	5.00
29-01-2018	25.33	47.14	9.83	43.83	38.32	48.76	3.65	8.39	45.78	89.10	8.89	19.14	37.49	67.65	6.13	25.29	64.43	96.20	3.65	4.99
30-01-2018	32.24	77.43	10.97	45.01	51.73	74.58	8.76	8.39	32.07	65.27	8.38	16.34	32.48	57.37	6.63	23.24	35.24	65.54	4.25	5.22
31-01-2018	27.13	73.51	8.39	52.54	29.33	34.17	2.66	7.88												

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
Jan, 2018	62	61
Standards	< 75	< 70



Checked By
 V. M. Waghchaure
 GM (Environment)



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

JSW STEEL LIMITED

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH : FEBRUARY, 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
01-02-2018	30.63	73.31	9.64	43.88	34.78	43.08	2.94	8.69	33.66	68.48	8.43	16.58	30.3	62.9	6.08	27.56	30.87	84.24	2.19	4.83
02-02-2018	30.18	68.7	13.03	41.49	22.73	54.82	5.91	9.02	39.24	87.64	8.67	19.46	32.05	70.29	6.96	27.12	35.98	81.31	2.27	4.94
03-02-2018	30.17	44.63	8.5	42.23	20.79	80.28	18.3	9.45	54.35	89.41	8.81	22.93	37.92	70.93	6.01	29.28	40.21	80.18	2.42	4.9
04-02-2018	29.14	55.8	10.5	39.24	18.84	58.82	5.43	9.43	42.31	86.4	8.74	18.84	33.77	66.78	5.81	29.93	38.51	88.42	2.28	4.96
05-02-2018	24.27	58.12	9.78	46.64	17.61	45.71	4.67	9.4	33.5	64.91	8.43	17.25	25.66	54.06	6.04	23.5	36.61	69.51	1.86	4.95
06-02-2018	24.98	51.14	9.51	37.48	21.49	58.48	5.7	9.42	39.59	76.37	8.84	18.46	32.47	76.26	7.3	24.25	36.4	77.53	2.03	4.96
07-02-2018	26.01	59.88	13.94	42.71	48.79	61.88	13.13	9.37	44.27	79.61	9.01	16.21	38.6	80.93	5.53	23.07	35.81	97.64	2.4	4.99
08-02-2018	18.88	45.93	8.38	36.33	32.69	37.56	0.63	9.39	29.23	59.79	8.75	16.11	26.52	49.28	6.99	21.93	31.61	68.41	2.27	5
09-02-2018	21.67	65.89	9.02	69.31	19.53	50.97	9.35	9.11	35.28	68.94	9	23.95	25.16	37.6	9.26	23.58	17.81	53.22	1.85	4.85
10-02-2018	15.08	51.86	8.18	42.33	25.21	36.26	9.19	9.32	23.69	70.8	8.83	23.84	21.29	49.27	5.61	27.04	10.68	50.04	2.16	4.99
11-02-2018	10.52	22.2	7.24	36.5	20.15	28.74	17.41	9.32	20.11	70.05	8.63	27.8	17.98	35.32	5.87	27.1	8.97	38.14	2.52	5
12-02-2018	9.44	21.42	8.93	32.56	25.16	46.82	6.94	9.3	15.46	42.57	8.6	20.08	16.03	26.77	7.09	21.78	14.14	38.04	2.38	5
13-02-2018	20.01	36.66	9.28	36.6	32.15	75.64	9.68	9.3	29.58	65.16	8.78	21.74	29.2	47.7	6.13	27.69	20.66	55.81	2.58	5.1
14-02-2018	24.69	52.69	8.12	36.43	22.48	51.49	4.57	9.28	37.16	72.94	9.42	19.16	33.07	60.38	5.96	27.25	23.2	57.4	2.09	4.98
15-02-2018	19.89	38.98	7.63	32.83	26.95	36.22	13.39	5.23	33.76	75.09	9.64	19.81	33.51	56.96	5.6	29.67	18.15	57.41	2.25	5
16-02-2018	21.64	47.97	7.65	35.42	29.48	49.88	8.8	9.33	41.66	81.56	9.3	24.1	35.52	61.86	5.43	30.96	21.28	67.53	2.37	4.99
17-02-2018	24.11	55.22	9.43	44.01	24.71	45.35	8.69	9.32	38.66	86.38	9.17	25.62	32.56	65.05	5.95	32.82	26.15	75.5	2.21	4.99
18-02-2018	24.49	48.83	7.26	43.72	30.85	52.85	23.24	9.32	39.26	79.61	9.56	26.75	33.76	64.64	7.41	30.43	26.81	72.24	2.36	5
19-02-2018	25.02	62.8	11.29	40.05	31.49	55.38	5.37	9.31	42.28	95.98	9.18	25.71	35.72	72.84	6.98	30.32	27.84	88.19	2.42	5
20-02-2018	30.85	67.31	8.89	42.03	44.76	74.52	11.47	5.58	44.26	84.21	8.9	22.7	42.13	75.86	6.04	27.06	31.32	86.89	2.2	4.99
21-02-2018	31.16	69.72	11.54	44.67	50.22	86.35	35.08	2.03	50.33	87.81	9.07	27.34	40.75	77.47	6.63	29.54	32.32	91.18	2.32	5
22-02-2018	28.55	55.95	8.77	43.98	43.31	57.57	16.01	1.99	45.39	84.12	9.13	24.24	38.22	85.12	7.21	29.76	24.92	95.12	2.24	4.99
23-02-2018	26.05	58.31	9.51	35.91	40.27	64.01	2.88	3.07	42.28	83.97	9.22	21.02	37.74	84.73	5.1	28.51	33.31	90.48	2.38	5
24-02-2018	27.41	57.59	11.74	38.38	39.9	65.63	1.5	9.36	40.46	85.07	9.31	22.01	45.69	83.47	5.65	30.67	36.38	91.77	2.04	5
25-02-2018	30.68	67.67	13.63	40.98	37.24	57.91	8.21	9.31	36.94	75.06	9.22	19.45	42.47	77.62	7.57	26.17	19.62	90.02	2.11	5
26-02-2018	26.74	64.24	9.94	34.56	29.94	50.37	0.59	9.28	30.66	61.61	9.17	16.98	40.16	67.76	5.74	25.52	21.15	85.42	2.03	5
27-02-2018	25.96	67.63	10.34	41.5	29.85	57.31	5.42	9.31	30.41	64.78	9.01	21.37	47.87	69.65	7.25	28.39	18.73	68.55	2.12	5
28-02-2018	28.17	66.73	11.05	39.86	30.05	46.51	6.82	9.32	29.86	75.48	8.97	18.39	50.09	84.15	5.99	30.55	22.51	75.32	2.07	5

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
Feb, 2018	62	61
Standards	< 75	< 70

Prepared By
P.P.Nandusekar

Asst. Manager (Environment)

Checked By

V. M. Waghchaure

GM (Environment)

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
01-03-2018	27.77	68.49	7.82	38.94	26.35	39.97	2.9	9.3	28.59	56.29	8.98	19.54	35.62	70.48	7.09	25.65	16.51	77.8	2.4	5
02-03-2018	29.09	54.55	7.92	37.71	31.45	54.78	6.62	9.32	42.7	76.29	9.39	19.61	43.86	59.68	6.85	23	31.47	73.13	2.08	5
03-03-2018	27.75	59.09	11.81	33.9	37.38	53	6.28	9.26	39.36	69.59	9.59	16.45	43.33	95.32	6.3	21.6	34.49	92.53	2.21	4.99
04-03-2018	15.41	36.88	10.37	28.5	27.8	37.67	2.72	9.24	37.98	60	8.76	35.95	32.07	54.66	7.01	20.04	15.63	61.52	2.16	5
05-03-2018	20.06	31.61	7.57	31.19	27.99	49.31	14.25	9.26	33.34	78.82	9.39	48.67	39.05	62.27	7.13	27.2	13.79	57.9	2.39	5
06-03-2018	29.72	51.51	6.85	37.17	33.27	57.79	11.37	9.27	42.35	82.21	12.14	21.18	43.35	71.47	5.58	31.2	22.23	68.4	2.22	5
07-03-2018	21.99	47.99	7.91	37.2	27.04	43.39	0.1	9.26	28.81	57.56	9.94	19.09	30.68	69.98	6.7	27.23	21.04	86.51	1.92	5
08-03-2018	17.55	47.31	7.96	34.51	22.03	36.18	10.64	9.26	23.09	72.22	9.61	21.17	31.2	45.92	7.37	24.23	31.35	73.35	2.15	4.99
09-03-2018	18.74	39.92	6.86	54.1	26.82	51.67	17.99	8.88	30.34	99	9.74	37.36	30.8	65.32	6.86	27.57	19.95	55.11	2.3	4.9
10-03-2018	19.8	40.22	6.68	39.07	14.83	49.26	9.73	9.26	30.92	79.23	9.64	27.81	43.1	75.64	6.74	30.18	23.05	57.83	2.75	5
11-03-2018	19.88	41.13	6.71	37.55	16.73	50.86	9	9.25	31.79	82.1	9.78	24.12	38.57	67.04	5.79	27.09	25.44	62.15	2.31	5
12-03-2018	26.5	61.47	6.88	40.97	14.52	66.38	12	9.26	40.57	92.21	9.63	30.51	50.2	91.22	6.59	27.68	29.56	72.95	2.03	5
13-03-2018	22.4	48.94	6.97	39.2	14.15	66	10.6	9.26	37.4	78.54	8.23	29.68	50.8	91.37	10.13	28.78	30.74	94.21	3.76	4.84
14-03-2018	19.26	53.01	6.97	42.11	13.13	87.01	12.29	9.26	31.22	79.65	3.96	21.88	37.62	64.43	7.11	26.09	12	66.05	3.12	3.61
15-03-2018	28.02	62.64	6.57	51.34	14.22	65.23	3.79	9.25	31.51	73.31	4.01	16.35	42.94	72.03	6.37	27.96	26.08	71.93	2.45	5
16-03-2018	28.44	62.93	7.44	41.54	14.37	38.89	12.32	9.31	28.63	55.32	4.57	14.23	57.41	87.32	8.3	22.86	30.68	70.81	2.22	4.99
17-03-2018	17.62	37.65	7.09	34.56	20.12	52.36	15.41	8.76	19.35	35.9	4.7	11.44	43.54	76.72	7.82	25.36	33.34	78.46	2.81	5
18-03-2018	17.74	42.22	8.53	31.76	22.61	48.87	20.15	9.35	15.12	30.67	4.55	6.5	40.24	75.3	6.3	19.82	25.37	63.25	2.3	5.01
19-03-2018	10.91	31.97	6.75	27.85	18.33	36.57	18.52	9.09	11.69	27.12	4.7	6.33	27.76	47.29	7.91	18.98	17.34	28.39	2.1	5
20-03-2018	13.54	24.01	6.33	32.01	30.16	59.84	7.3	9.32	16.24	35.69	4.64	9.15	31.89	57.28	8.33	21.27	24.19	25.39	2.45	5
21-03-2018	12.28	27.95	6.31	28.64	23.49	63.25	2.55	9.57	14.6	50.11	4.72	8.48	31.44	55.09	9	15.11	20.72	55.19	2.27	5
22-03-2018	11.9	33.08	7.68	30.02	20.55	37.84	13.36	9.58	11.57	38.06	4.68	7.53	37.86	71.12	7.58	17.5	27.98	69.56	2.48	4.99
23-03-2018	14.59	52.66	9.77	31.61	29.06	60.15	5.18	9.57	10.88	36.93	4.37	6.43	44.47	87.4	7.42	20.11	34.38	86.25	2.1	4.98
24-03-2018	16.21	41.08	7.67	36.38	27.12	46.81	3.42	9.48	16.37	44.19	4.57	9.78	51.21	80.35	6.66	18.72	34.8	74.15	2.13	4.98
25-03-2018	24.1	80.56	7.78	34.95	33.83	81.58	6.4	9.57	19.55	44.48	4.42	8.07	46.94	78.64	5.1	46.54	36.37	82.99	2.51	4.98
26-03-2018	27.88	60.81	9.13	36.83	29.26	69.66	9.77	9.57	28.5	49.13	4.45	8.65	35.62	74.06	7.5	16.94	48	93.21	2.16	4.9
27-03-2018	18.48	33.1	8.2	26.59	23.21	47.86	4.36	9.57	20.01	32.11	4.54	3.82	48.58	73.18	8.44	16.43	35.93	97.8	2.01	4.98
28-03-2018	12.92	33.39	7.29	26.16	20.51	25.72	2.3	9.57	11.43	22.73	4.65	4.43	32.52	48.43	6.97	15.01	17.97	53.45	2.08	5
29-03-2018	9.16	18.13	6.98	25.44	36.58	40.46	4.47	9.57	11.39	24.5	4.86	4.82	35.63	55.2	7.63	15.2	26.89	44.65	2.28	4.99
30-03-2018	8.97	22.23	7.25	24.17	56.22	75.64	3	9.56	8.89	20.66	4.84	3.29	29.29	55.81	6.36	13.99	31.29	50.82	2.16	5.01
31-03-2018	7.51	21.53	7.97	19.09	17.6	38.13	5.15	9.56	7.69	21.34	5.07	3.93	27.12	50.16	7.65	12.34	32.58	60.27	12.15	5.36

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
March, 2018	62	61
Standards	< 75	< 70



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Asst. Manager (Environment)



Checked By
V. M. Waghchaure
GM (Environment)