ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT

JSW STEEL LTD, DOLVI WORKS

Six Monthly Compliance, Status report

Expansion from 3.0 MTPA Steel Plant at Geetapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra by M/s JSW Steel Limited.

(Oct'2024 to Mar'2025)

EC No J-11011/4/ 96 – IA–II, dated 31-12-1996

ENVIRONMENTAL MANAGEMENT DEPARTMENT

JSW STEEL LTD, DOLVI WORKS, TALUKA PEN, RAIGAD-DISTRICT, MAHARASHTRA 402107

Compliance Report to Conditions stipulated in Environment Clearance for 3.0 MTPA Integrated Steel Plant at Raigad District Raigad in Maharashtra by M/s JSW Steel Limited vide EC No J-11011/4/ 96 – IA–II, dated 31-12-1996 for period (October 2024 to March 2025)

Annexure-I

The status report on stipulated Environmental condition, point-wise explanations are as follows.

S. NO.	CONDITIONS	COMPLIANCE STATUS
i)	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board and the State Government.	JSW Steel Ltd., Dolvi works has obtained Consent to operate from Maharashtra Pollution Control Board and following the guidelines given by Maharashtra Pollution Control Board (MPCB) Consent conditions and State Government time to time. Compliance condition noted & complied.
ii)	No expansion or modifications of the plant should carried out without prior approval of this Ministry	All the amendments and expansions till date, are carried out after obtaining prior approval of this Ministry. Noted & complied.
iii)	The Gaseous emissions from various process units should confirm to the load / mass based standards notified by this Ministry on 19th May 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters, keeping in view the nature of the industry and its size and location. At no time the emission level should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit should be put out of operation immediately and should not be restarted until the control measures and rectified to achieve the desired efficiency.	Gaseous emissions from various process units has been measured & confirm to the load / mass based standards notified in the latest applicable emission standards of GSR277(E) dated 31st March 2012 and MPCB stipulated Norms in Consent. Copy of stack emission monitoring reports is being enclosed as **Annexure-1**. Emissions from the process units are well within the prescribed standards as notified by the Ministry. Hence, Condition is complied.

Compliance Report to Conditions stipulated in Environment Clearance for 3.0 MTPA Integrated Steel Plant at Raigad District Raigad in Maharashtra by M/s JSW Steel Limited vide EC No J-11011/4/ 96 – IA–II, dated 31-12-1996 for period (October 2024 to March 2025)

S. NO.	CONDITIONS	COMPLIANCE STATUS
iv)	At least five ambient air quality monitoring stations should be provided in consultation with the State Pollution Control Board for measurement of SO2, NOx, Particulate Matter etc. Stack emissions should also be monitored regularly by setting up automatic stack monitoring facilities. Data on stack emissions also with the ambient air quality and work environment air quality should be submitted along with statistical analysis to the state pollution control board once in three months and to this Ministry once in six months.	• Five numbers of online Continuous Ambient Air Quality Monitoring stations have been installed in consultation with MPCB. All these stations are connected to URL of MPCB, CPCB & data is being transmitted online on real time basis for PM2.5, PM10, SO2, NOx & CO. • Continuous Stack Emission Monitoring systems are installed at all process stacks & connected to URL of MPCB & CPCB & data is being transmitted online on real time basis. • Data on Stack Emission, Ambient Air Quality and work environment air quality are regularly monitored and submitted as per guidelines to; a) MPCB - Once in three months, MOEF&CC, Nagpur & Delhi – Once in Six month (Annexure-1) enclosed. b) CPCB, New Delhi – Monthly basis (Annexure-1) enclosed. Hence, Condition is complied.
v	In plant control measures for checking fugitive emissions, spillage of chemicals / raw materials etc. should be provided and properly maintained specially in the critical areas like blast furnace, sintering plant etc.	Following measures are implemented for control of fugitive emissions- • Raw Material handling area with yard sprinklers, dry fog system, Dust extraction systems to control the fugitive emissions. Covered sheds for Raw Material storage provided. • Covered shed for Jetty yard-A with a capacity of 110,000MT for Coal Storage. • Covered shed for Jetty Yard-B with a total capacity of 305,000 MT for Iron Ore and Flux. • Covered Sheds (2 Nos) for Pellet and Coke Storage of Capacity-1,20,000 MT each.

Compliance Report to Conditions stipulated in Environment Clearance for 3.0 MTPA Integrated Steel Plant at Raigad District Raigad in Maharashtra by M/s JSW Steel Limited vide EC No J-11011/4/ 96 – IA–II, dated 31-12-1996 for period (October 2024 to March 2025)

S. NO.	CONDITIONS	COMPLIANCE STATUS
		• Covered shed for storing Iron Ore Bearing Material and Flux of Capacity 4,27,000 MT. • Investment on Yard sprinklers, De-dusting system and Dry fogging system to the amount of Rs 77.29 Crores • Bag filter, ESPs with adequate capacity to keep the emission levels below 30 mg/Nm^3 in all plants (Steel Melting Shop II, Hot Strip Mill II, Blast Furnace II and Lime Calcination Plants 5,6,7) • Energy efficient technologies in the Plant like waste heat recovery system, Top gas recovery turbine from Blast furnace and Gas Based power plant. • All internal roads made of concrete. • Road Sweeping machines (06 nos) and water sprinkler tankers (02 nos), tyre washing facilities provided. • Transferring dust of De-dusting system and other secondary dusts generated from Pollution Control equipment by bulkers. • Transferring raw material from Jetty to plant 100 % through belt and pipe conveyors thereby eliminating any chances of fugitive emission through transportation of material from outside plant to the raw material yard there by improving the Ambient Air Quality. Hence, condition is complied.
vi	Adequate effluent treatment facilities should be provided so that the treated effluent conforms to the prescribed standards.	Adequate effluent treatment facilities have been provided at all units and the treated water is recycled back in the process. • In Blast Furnace 1, Waste Water treatment

S. NO.	CONDITIONS	COMPLIANCE STATUS
		plant of capacity 2496 CMD, provided with Flash Mixer, Common, Collection Tank, Thickener, Sludge Storage Tank, Vacuum Drum Filters • Steel Melting Shop (SMS) 1 and Hot Strip Mill (HSM) 1, the Waste Water treatment plant of Capacity 3408 CMD provided with Scale Pits, Pressure Sand Filters, Flash Mixer, Thickener, Sludge Holding Tank, Filter Press the water system are closed loop system. • In Sponge Iron Plant, Waste Water treatment facility has been provided with Capacity 3624 CMD. Waste water is treated in Classifier, Clarifier, High rate thickener and routed through Sludge pond wherein the sludge is separated and water is reused for Electric Arc Furnace (EAF) slag cooling at SMS1. • All the cooling tower blowdown is being treated in the ETP of capacity 250 M3/hr with RO system and the treated water is reused in process and slag cooling purpose. There is no waste water discharge outside the plant premises.
vii	Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the state Pollution Control Board. Regular monitoring should be carried out for the relevant parameters. Routine toxicology test of effluent with fish and fish food organisms should also be regularly done at least once in a month. Monitored data along with statistical analysis and interpretation in the form of report should be submitted to this Ministry once in six months and to the state pollution Control Board once in three months.	• There is no discharge of waste water from the plant to outside, however, water & wastewater sampling points have been set up in consultation with MPCB. • Regular monitoring is being carried out • All monitoring reports are submitted as per guidelines to; a) MPCB - Once in three months, MOEF&CC, Nagpur & Delhi – Once in Six month b) CPCB, New Delhi – Monthly basis

S. NO.	CONDITIONS	COMPLIANCE STATUS
		Hence, condition is complied.
viii	There will be no discharge of treated effluents outside the plant premises. The treated effluent should be recycled and reused as process water. Treated domestic waste should be used for development of green belt.	Effluent treatment facility is provided in all plants and the treated water is recycled in the process and reused for EAF slag cooling and dust suppression. Treated domestic wastewater from the Sewage Treatment Plant is used for plantation purpose. There is no waste water discharge from the plant. Hence, condition is complied.
ix	Fresh water should not utilized as cooling water. The cooling water drawn from the creek should be discharged into the creek at an outfall point recommended by NIO. Feasibility of recycling the cooling water should also be evaluated and the report should be submitted to the Ministry within three month.	Entire requirement of cooling water is not met from fresh water, water lost by evaporation and drift loss is sourced from fresh water as make-up water. Cooling tower blow down/wastewater is re-circulated in cooling system/ process after treatment in close loop treatment facility. Colling water is not drawn from creek and there is no discharge to creek. Cooling water is sourced from Amba River as per Agreement with Irrigation Department. Hence, condition is complied.
x	No Coke oven plant should be set up without the approval of this Ministry.	Coke Oven plant has been set up after obtaining separate EC from MoEF&CC vide letter No J-11011/286/2007-IA-II(I) dated 12/01/2009. Hence, condition is complied.
xi	Guard pond of sufficient holding capacity should be provided to cope up with the effluents discharged due to process disturbances. The contributing units shall be immediately shutdown and will not be restarted without bringing the system back to normalcy. Details of design and capacity of the guard pond should be submitted to	Wastewater treatment system is installed at various units with collection and equalization tank considering exigencies and the treated waste water is recycled / reused. Details of ETP and tanks is submitted with six monthly compliances.

S. NO.	CONDITIONS	COMPLIANCE STATUS
	the Ministry within a period of 6 months.	Hence, condition is complied.
xii	A perspective plan for 100 % utilization of slag should be prepared and submitted to this Ministry within six months for approval. The project authorities in their own interest should have a long term to tie-up with the user industry like cement.	Granulated slag of Blast Furnace entirely is used in Cement Plant for making Cement in JSW Group Company (JSW Cement Ltd) located within the Plant Premises. Hence, condition is complied.
xiii	Raw materials should be brought to the plant site by sea / rail to the extent possible. Finished products should also be transported through road should kept to the bare minimum to avoid any traffic congestion in the area and cities.	All the raw materials are being brought to the plant site by sea route through our Jetty of JSW Dharamtar Port Pvt. Ltd. Followed by rail to the production facility. Finished products (HR Coils) are transported through rail / sea and minimum by road. Very less internal transportation for materials like lime etc. is being transported through closed bulker and truck. Hence, condition is complied.
xiv	A green belt of adequate width and density should be provided in all around the plant in consultation with the State Forest Department, specially selecting local species. About 2500 plants per HA of the land should be provided. 30 % of the total land area should be developed as green belt.	Green Belt within Plant: Presently, 13% green belt is developed over 80.00 ha land within the plant premises with 2,17,457 nos of trees. Balance 18.42 Ha (3%) green belt area is to being developed with 46,200 nos of trees. Green belt developed with tree density 2500 trees/hectare and local species. **Green Belt Outside Plant in 10 Km area**: Green belt outside the plant premises has been developed over 203.00 Ha i.e. 33 % as per EC. Green belt outside the plant premises is developed in forest land in proximity of the plant area in

S. NO.	CONDITIONS	COMPLIANCE STATUS
		consultation with local forest department over 51 Ha land and Mangrove Plantation over 152.00 Ha Hence, condition is complied.
xv	Approval from the State Government should be obtained for quarrying the adjacent hillocks to obtain fill materials for leveling the proposed site to 3 – 3.5 m above MSL. The creek / river should not be dredged to be obtained fill material for leveling the site. The project proponent should also take adequate care to ensure that run off material does not flow into the river / creek during the site leveling.	The creek or the river has not been dredged for leveling the site. All requisite steps were taken to ensure that the run off material do not flow into the river/creek during site leveling. Material is stored in covered sheds to control the runoff of materials into drains and concrete roads are provided within the plant premises along with storm water drains. Hence, condition is complied.
xvi	Approval under CRZ notification should be obtained for the extension of the existing jetty. The proposed storages facilities should beyond 150 m from HTL of creek / river.	Jetty is operated by separate entity in the Name of JSW Infrastructure Ltd, all approvals including EC, CRZ clearance are obtained by JSW Infrastructure Ltd. Hence, condition is complied.
xvii	The project authorities should set up laboratory facilities for collection and analysis of samples under supervision of the competent technical personnel. Who will directly report to the Chief Executive.	Environmental Laboratory is in place for collection and analysis of samples under the supervision of competent technical personnel with reporting to Senior position. Hence, condition is complied.
xviii	A environment Management cell should be established with suitably qualified people to carry out various functions under the control of the Senior Executive who will report directly to Head of the Organization.	Separate Environment Cell is in place having qualified Environment personnel. The Environment Cell team size is around 25 nos. The Team reports to Site Environment head and Site Environment head reports to Site Head and Corporate Environment Head, who reports to Chief Operations Officers- COO. Hence, condition is complied.

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S. NO.	CONDITIONS	COMPLIANCE STATUS
xix	Medical surveillance of workers especially wrt the pneumoconiosis etc. should be done regularly and records maintained.	As per the Factories Act, regular health checkups done for workers and employees & records are maintained on regular basis. Hence, condition is complied.
xx	The funds earmarked for the Environmental protection measures should not be diverted for other purpose its break up and year wise expenditure should be reported to this Ministry.	Environmental expenditure for the year 2024-25 for operation and maintenance cost, Power cost, Treatment Cost for Pollution Control systems and Solid Waste Management are Rs 552 Crores. Expenditure of environment expanses are reported to Ministry and MPCB. Hence, condition is complied.
3	This Ministry or any competent authority may stipulate any further conditions or alternations in the existing conditions after review of the compliance report and other reports submitted by the project proponent from time to time.	Agreed and complied for the conditions of MoEF&CC. Hence, condition is complied.
4	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	All the required conditions are implemented. Hence, condition is complied.
5	The above conditions will be enforced, inter-alia under the provisions of the water (Prevention& Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	We are complying with • The Water (Prevention and Control of Pollution) Act 1974 • The Air (Prevention and Control of Pollution) Act 1981 • The Environment (Protection) Act 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 • The Public (Insurance) Liability Act 1991 along with their amendments and Rules. Hence, condition is complied.

JSW Steel Limited

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BY COURIER

May 28, 2025

JSWSL/ENV/MOEF&CC/2025

To

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

Sub: Submission of Six Monthly Environmental Monitoring Reports for Integrated Steel Plant for the Period of October 2024 to March 2025.

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

Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of October 2024 to March 2025 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,

Satish Kumar Choudhary
General Manager(Environment)

CC: 1) The Director, MoEF&CC, Indira Paryavaran Bhawan, Jor Bagh, Lodi Road, New Delhi-110003 for kind information.
2) The Zonal officer, CPCB, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023, Gujarat.
3) The Regional Officer, MPCB, Raigad, Raigad Bhavan, CBD Belapur, Navi Mumbai

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JSW STEEL LIMITED

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

SPONGE IRON PLANT

COOLING TOWER BLOWDOWN WATER ANALYSIS REPORT

Sr. No.	PARAMETERS	UNIT	VALUES					
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Chromium	mg/l	0.0014	0.0014	0.0016	0.0014	0.0015	0.0014
2	Zinc	mg/l	0.089	0.089	0.089	0.091	0.092	0.091
3	Phosphate	mg/l	0.87	0.87	0.091	0.92	0.93	0.89
4	Free Chlorine	mg/l	Nil	Nil	Nil	Nil	Nil	Nil

Prepared By
P. P. Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager(Environment)

JSW STEEL LIMITED

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

SPONGE IRON PLANT

SIX MONTHLY TREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Temperature	°C	27.2	27.3	27.2	27	27.3	27.3
2	pH	-	7.3	7.3	7.2	7.2	7.3	7.2
3	D.O.	mg/l	5.5	5.5	5.6	5.5	5.5	5.4
4	T.S.S.	mg/l	19.8	19.2	18.7	19.9	20.7	19.6
5	T.D.S.	mg/l	341.3	330	337	329.0	353	347
6	C.O.D.	mg/l	23.9	23.9	23.9	20.2	23.2	20.5
7	B.O.D.	mg/l	6.9	7.3	7.4	7.1	6.9	6.5
8	Oil & Grease	mg/l	3.5	3.6	3.8	4.0	3.6	3.4
9	Iron	mg/l	0.4	0.30	0.30	0.4	0.30	0.40
10	Chlorides	mg/l	62.5	51.20	61.20	66.2	65.00	77.00
11	Sulphates	mg/l	2.4	2.3	2.4	2.4	2.4	2.4
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	^0C	27.2	27.2	27.2	27.2	27.2	27.2

Prepared By
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Checked By
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General Manager (Environment)

JSW STEEL LIMITED

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

SPONGE IRON PLANT

SIX MONTHLY UNTREATED EFFLUENT ANALYSIS REPORT

SR. NO.	PARAMETERS	UNIT	VALUES					
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Temperature	°C	56.2	56.1	55.9	56.1	56.3	56.2
2	pH	-	8.1	8.2	8.2	8.3	8	8.1
3	D.O.	mg/l	2.1	2.2	2.2	2.3	2.2	2.2
4	T.S.S.	mg/l	620.0	614.8	600.4	626.3	629.6	611.0
5	T.D.S.	mg/l	447.5	459.0	449.3	459.8	491.5	455.6
6	C.O.D.	mg/l	47.7	45.1	47.8	45.4	51.3	45.0
7	B.O.D.	mg/l	7.8	8.3	8.7	10.5	10.9	11.0
8	Oil & Grease	mg/l	4.5	4.9	5.0	4.4	5	5
9	Iron	mg/l	1.3	1.3	1.28	1.4	1.2	1.30
10	Chlorides	mg/l	120.0	137.5	138.70	140	131.2	123.00
11	Sulphates	mg/l	3.3	3.3	3.40	2.6	3.3	3.20

Prepared By
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Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
	Hot Strip Mill Plant				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near GCP I Control Room	21-10-2024	1773	7.1	25.37
		04-11-2024	1642	7.6	26.98
		02-12-2024	1553	7.6	26.98
		06-01-2025	1758	7.10	27.75
		04-02-2025	1489	6.60	30.02
		11-03-2025	1230	7.09	30.06
2	Near GCP II & III Control Room	21-10-2024	1873	5.50	22.35
		04-11-2024	1743	6.60	21.58
		02-12-2024	1470	6.60	21.58
		06-01-2025	1873	6.30	20.81
		04-02-2025	1757	6.80	22.33
		11-03-2025	1023	6.31	22.35
3	Near EAF Control Room Shell 1 & 2	22-10-2024	1762	8.40	19.27
		04-11-2024	1767	8.90	22.35
		02-12-2024	1686	8.90	22.35
		06-01-2025	1758	8.40	21.58
		05-02-2025	1465	9.20	23.87
		11-03-2025	1441	8.41	20.04
4	Near EAF Control Room Shell 3 & 4	21-10-2024	1905	6.80	16.19
		05-11-2024	1759	6.30	19.27
		03-12-2024	1630	6.30	19.27
		07-01-2025	1702	5.80	20.04
		06-02-2025	1646	6.30	20.79
		11-03-2025	1255	5.78	21.58
5	Near Caster Control Room	19-10-2024	1972	6.30	24.67
		04-11-2024	1788	6.80	25.44
		02-12-2024	1534	6.80	25.44
		06-01-2025	1850	6.60	24.67
		04-02-2025	1586	5.80	26.21
		13-03-2025	1484	6.57	26.21

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JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
6	Near Mould & Segment repair Shop	21-10-2024	1614	7.30	16.15
		05-11-2024	1857	7.10	18.50
		03-12-2024	1009	7.10	18.50
		07-01-2025	1650	7.40	19.27
		04-02-2025	1682	6.80	21.58
		13-03-2025	1284	7.36	20.81
7	Mill Area - Near Shift Incharge Cabin	22-10-2024	1699	6.30	20.04
		05-11-2024	1758	6.80	22.35
		03-12-2024	562	6.80	22.35
		07-01-2025	1766	6.30	21.58
		06-02-2025	1697	7.60	20.81
		13-03-2025	1488	6.31	20.04
	Sponge Iron Plant				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near R.M Handling Area	22-10-2024	1796	8.1	24.64
		07-11-2024	1893	8.7	27.75
		06-12-2024	1475	8.7	27.75
		09-01-2025	1874	9.20	26.98
		03-02-2025	1540	7.3	28.49
		05-03-2025	1897	9.2	29.29
2	Near R.M Feeding Area	10-23-2024	1937	6.8	20.76
		07-11-2024	1892	6.6	18.50
		06-12-2024	1279	6.6	18.50
		09-01-2025	1869	5.80	16.96
		03-02-2025	1368	6.6	19.25
		05-03-2025	1677	5.8	19.25
3	Near R.M Sceen Area	10-22-2024	1660	7.6	21.58
		07-11-2024	1818	7.1	20.04
		06-12-2024	1477	7.1	20.04
		09-01-2025	1731	6.80	18.50
		03-02-2025	1400	7.6	22.33
		05-03-2025	1985	6.8	20.04
4	Near R.M .Silo Area	10-23-2024	1841	6.3	18.50
		07-11-2024	1703	6.8	16.96
		06-12-2024	1334	6.8	16.96
		09-01-2025	1797	6.30	20.81
		03-02-2025	1190	6.6	21.56
		04-03-2025	1892	6.3	21.58

Preapared By
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Checked By
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JSW STEEL LIMITED
Integrated Steel Mill Complex
Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
5	Near Furnace Area	23-10-2024	1918	5.8	19.17
		08-11-2024	1672	7.4	20.81
		07-12-2024	1572	7.4	20.81
		10-01-2025	1648	7.10	22.35
		04-02-2025	1780	7.1	23.87
		04-03-2025	1326	7.9	28.50
6	Near Product Screen Area	24-10-2024	1813	6.6	16.19
		08-11-2024	1876	6.3	19.27
		07-12-2024	1533	6.3	19.27
		10-01-2025	1835	6.60	18.50
		04-02-2025	1882	6.8	20.02
		04-03-2025	1890	6.6	20.81
7	Near Product Silo	23-10-2024	1739	6.3	19.27
		08-11-2024	1865	7.1	26.21
		07-12-2024	1296	7.1	26.21
		10-01-2025	1745	7.60	23.90
		04-02-2025	1912	7.1	25.41
		04-03-2025	1977	7.6	24.67
8	Near Loading Point	24-10-2024	1685	6.8	24.67
		08-11-2024	1532	7.4	26.98
		07-12-2024	1682	7.4	26.98
		10-01-2025	1535	6.80	24.67
		04-02-2025	1885	6.3	28.52
		05-03-2025	1096	6.8	26.98
	Blast Furnace Plant				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near Stock House	10-10-2024	1748	6.30	20.81
		09-11-2024	1869	5.80	21.58
		09-12-2024	1776	5.80	21.58
		11-01-2025	1852	6.00	22.35
		05-02-2025	1975	6.04	22.33
		15-03-2025	1693	6.04	21.56
2	Near Stove Area	10-10-2024	1791	5.80	18.48
		09-11-2024	1785	6.80	20.04
		09-12-2024	1092	6.80	20.04
		11-01-2025	1735	6.60	21.58
		05-02-2025	1230	6.56	21.56
		12-03-2025	1956	6.58	20.84

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JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
3	Near Cast House East Side	11-10-2024	1926	9.10	25.83
		09-11-2024	1840	9.50	24.67
		09-12-2024	1384	9.50	28.78
		11-01-2025	1896	10.20	31.86
		05-02-2025	1651	10.53	33.02
		15-03-2025	1142	10.13	33.83
4	Near Cast House West Side	10-10-2024	1964	4.70	18.48
		09-11-2024	1738	3.90	21.58
		09-12-2024	1574	3.90	21.58
		11-01-2025	1820	6.30	22.35
		05-02-2025	1423	6.30	22.33
		12-03-2025	1010	6.27	26.08
5	Near Slag Granulation Area	11-10-2024	1828	6.00	20.81
		11-11-2024	1838	6.60	19.27
		10-12-2024	1228	6.60	19.27
		13-01-2025	1648	7.10	21.58
		06-02-2025	1930	7.08	21.56
		15-03-2025	1577	7.08	20.02
6	Near PCM - I	10-10-2024	1824	7.10	18.50
		11-11-2024	1740	7.40	27.75
		10-12-2024	1195	7.40	27.75
		13-01-2025	1731	6.60	25.44
		15-02-2025	1577	7.08	20.02
		13-03-2025	1529	6.57	26.98
	Lime Calcination Plant				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near Kiln I&II Lime Dedusting system	09-10-2024	1730	5.8	20.04
		06-11-2024	1888	7.4	20.81
		04-12-2024	1419	7.4	20.81
		08-01-2025	1837	6.60	21.58
		01-02-2025	1880	7.30	22.33
		03-03-2025	1263	6.57	20.81
2	Near product storage &Quick Lime Building	09-10-2024	1810	6.80	22.35
		06-11-2024	1758	6.30	21.58
		04-12-2024	1427	6.30	21.58
		08-01-2025	1780	5.80	22.35
		01-02-2025	1849	6.80	25.41
		03-03-2025	1903	5.78	23.90

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JSW STEEL LIMITED
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Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
3	Lime Stone Feeding Building LCP-4	09-10-2024	1836	6.60	18.50
		06-11-2024	1877	8.10	19.27
		04-12-2024	1588	8.10	19.27
		08-01-2025	1754	7.60	20.04
		01-02-2025	1677	5.50	26.95
		03-03-2025	1871	7.62	22.35
4	Lime Dedusting System Area LCP-4	09-10-2024	1956	6.60	21.58
		06-11-2024	1820	7.60	22.35
		04-12-2024	1023	7.60	22.35
		08-01-2025	1758	8.10	20.81
		01-02-2025	1183	8.70	26.18
		03-03-2025	1668	8.14	19.27
	Sinter Plant (I)				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Inside Flux &Coal Crushing House	14-10-2024	1806	7.1	26.21
		11-11-2024	1819	7.1	28.52
		10-12-2024	1491	7.1	28.52
		13-01-2025	1796	7.60	26.98
		06-02-2025	1712	7.30	27.61
		17-03-2025	1759	7.60	23.84
2	Inside Flux Screening & Coal Crushing House	15-10-2024	1681	6.60	18.50
		11-11-2024	1628	6.00	20.04
		10-12-2024	1428	6.00	20.04
		13-01-2025	1717	5.80	21.58
		06-02-2025	1223	6.80	22.35
		17-03-2025	1848	5.75	22.24
3	Inside Proportioning House	14-10-2024	1865	6.30	20.81
		12-11-2024	1759	6.80	22.35
		11-12-2024	1547	6.80	22.35
		14-01-2025	1854	7.10	19.27
		07-02-2025	1207	6.50	20.71
		17-03-2025	1693	7.09	20.81
4	Near Sintering Machine	14-10-2024	1467	6.80	24.64
		12-11-2024	1654	7.60	26.21
		11-12-2024	1583	7.60	26.21
		14-01-2025	1622	6.30	25.44
		07-02-2025	1764	6.00	24.61
		17-03-2025	1880	6.28	26.88

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JSW STEEL LIMITED

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Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
5	Inside Product Screen House	14-10-2024	1936	5.80	20.81
		12-11-2024	1900	7.10	25.44
		11-12-2024	1646	7.10	25.44
		14-01-2025	1801	6.80	24.67
		07-02-2025	1840	7.30	26.11
		17-03-2025	1439	6.83	25.44
	Sinter Plant (II)				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near Sinter House (800z Conveyor)	11-10-2024	1814	7.6	24.67
		12-11-2024	1759	6.6	26.98
		12-12-2024	1245	6.6	26.98
		15-01-2025	1701	6.30	25.44
		08-02-2025	1481	5.80	27.75
		18-03-2025	1705	6.46	26.85
2	RMHS-Crushing House	12-10-2025	1848	8.40	18.48
		13-11-2024	1817	8.70	20.04
		12-12-2024	1461	8.70	20.04
		15-01-2025	1738	8.10	22.35
		08-02-2025	1616	7.60	23.90
		19-03-2025	1865	8.12	20.76
3	Flux Screen Building	11-10-2025	1852	6.60	17.73
		13-11-2024	1967	6.80	20.81
		12-12-2024	1521	6.80	20.81
		15-01-2025	1710	7.60	18.50
		08-02-2025	1529	8.10	20.04
		18-03-2025	1835	7.60	19.99
4	Product Screen Area	12-10-2025	1889	6.80	27.75
		13-11-2024	1759	7.60	26.98
		12-12-2024	1649	7.60	26.98
		15-01-2025	1832	8.70	25.44
		08-02-2025	1669	7.40	26.98
		19-03-2025	1822	8.65	24.61
5	Mixing & Nodulyzer Area	12-10-2025	1667	6.30	25.44
		13-11-2024	1855	6.60	30.06
		13-12-2024	1347	6.60	30.06
		16-01-2025	1801	6.30	26.98
		10-02-2025	1252	6.80	28.52
		18-03-2025	1838	6.28	26.11

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JSW STEEL LIMITED

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Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
6	Near Sinter Machine 5th Floor	12-10-2025	1438	5.80	26.18
		14-11-2024	1574	7.10	23.90
		13-12-2024	1684	7.10	23.90
		16-01-2025	1587	7.40	25.44
		10-02-2025	1811	7.10	27.75
		18-03-2025	1563	7.35	23.87
	Billet Caster				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near Laddle Furnace 5 Areay	19-10-2024	1810	7.6	19.22
		14-11-2025	1817	8.1	20.04
		21-12-2025	1568	6	22.35
		16-01-2025	1678	8.40	21.58
		11-02-2025	899	7.10	21.56
		07-03-2025	1714	8.41	20.04
2	Near Casting Floor (Control Room)	19-10-2024	1942	6.80	21.53
		14-11-2025	1835	6.30	22.35
		21-12-2025	1667	6.80	23.90
		16-01-2025	1664	5.80	18.50
		11-02-2025	748	6.00	19.25
		07-03-2025	1936	5.78	19.27
3	Near Billet Caster Torch Cutter Machine	19-10-2024	1757	7.30	19.97
		14-11-2025	1707	8.10	18.50
		21-12-2025	1412	5.00	21.58
		17-01-2025	1650	8.70	20.04
		11-02-2025	470	6.80	21.56
		07-03-2025	1183	8.67	22.35
	Bar MILL				
	CPCB Norms (µg/m 3)		**2000**	**200**	**150**
1	Near CP2 Furnace Mill Area	18-10-2024	1945.2	6.3	20.73
		15-11-2025	1863	6.8	21.58
		20-12-2025	1238	8.4	32.38
		17-01-2025	1689	7.10	22.35
		10-02-2025	732	6.60	24.61
		06-03-2025	1149	7.08	23.87
2	Near Bed Cooling (Zero Meter) Mill Area	18-10-2024	1798	8.40	19.27
		15-11-2025	1855	9.20	20.04
		20-12-2025	1530	11.00	40.08
		17-01-2025	1790	8.90	18.50
		10-02-2025	992	8.40	19.27
		06-03-2025	1162	8.92	25.41

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JSW STEEL LIMITED

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Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
	Coke oven II				
	CPCB Norms (µg/m 3)		2000	200	150
1	Coal Blending Area	17-10-2024	1888	6.8	19.27
		21-11-2024	1866	7.1	17.73
		23-12-2024	1571	7.1	17.73
		22-01-2025	1807	7.60	16.96
		12-02-2025	1987	8.1	19.27
		19-03-2025	1600	7.6	22.30
2	Coke Oven Battery Wharf area A	17-10-2024	1861	7.1	18.50
		21-11-2024	1779	7.6	16.96
		23-12-2024	1649	7.6	16.96
		22-01-2025	1798	7.40	18.50
		12-02-2025	1567	6.8	22.35
		19-03-2025	1629	7.3	21.56
3	Coke Oven Battery Wharf GDS B	18-10-2024	1787	8.4	20.04
		21-11-2024	1855	8.7	18.50
		23-12-2024	1512	8.7	18.50
		23-01-2025	1795	8.10	19.27
		12-02-2025	1288	8.4	20.81
		20-03-2025	1873	8.1	23.90
4	Coke Screening Area	17-10-2024	1915	5.5	20.81
		21-11-2024	1780	6.6	20.04
		23-12-2025	1258	6.6	20.04
		23-01-2025	1817	6.80	20.81
		12-02-2025	1288	7.1	21.58
		20-03-2025	1871	6.8	19.92
5	Near Coke Cutter Area	18-10-2024	1905	6.8	20.04
		22-11-2024	1816	7.1	18.50
		24-12-2024	1575	7.1	18.50
		23-01-2025	1794	7.40	21.58
		13-02-2025	1663	7.6	25.44
		20-03-2025	1844	7.3	21.53
6	Secondary Crusher Building	17-10-2024	1915	7.1	21.58
		22-11-2024	1772	7.6	20.81
		24-12-2024	1604	7.6	20.81
		23-01-2025	1782	7.40	22.35
		13-02-2025	1855	8.4	29.29
		20-03.2025	1691	7.3	21.48

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JSW STEEL LIMITED

Integrated Steel Mill Complex

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
1	**Hot Strip Mill Plant**					**Plant Capacity: 3.0 MTPA**						
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	01/10/24 12:15 Hrs	8469	17	15	13	14	18
						05/11/24 10:15 Hrs	9078	17	17	14	21	19
						02/12/24 12:30 Hrs	9251	17	19	16	15	24
						07/01/25 10:20Hrs	7540	17	21	12	17	21
						20/02/25 10:25Hrs	9870	17	21	10	15	18
						03/03/25 10:30 Hrs	9755	16	18	12	18	21
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	01/10/24 10:30 Hrs	8469	17	17	15	19	22
						05/11/24 11:45 Hrs	9078	17	18	20	27	17
						02/12/24 10:45 Hrs	9251	17	18	17	14	19
						07/01/25 12:35Hrs	7540	18	16	10	16	18
						20/02/25 12:35Hrs	9870	18	17	13	18	23
						03/03/25 12:40 Hrs	9755	17	21	15	17	26
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	29/10/24 14:10 Hrs	9213	8	21	NA	NA	NA
						05/11/24 15:15 Hrs	9078	5	16	NA	NA	NA
						02/12/24 16:00 Hrs	9251	5	17	NA	NA	NA
						07/01/25 15:40Hrs	7540	5	18	NA	NA	NA
						19/02/25 14:45Hrs	10625	4	15	NA	NA	NA
						03/03/25 15:20 Hrs	9755	6	18	NA	NA	NA
4	GCP - IV Stack	SMS Furnace	70	4	Bag Filters	29/10/24 16:10 Hrs	9213	12	18	NA	NA	NA
						15/11/24 10:25 Hrs	8455	11	22	NA	NA	NA
						13/12/24 10:40 Hrs	9484	13	19	NA	NA	NA
						08/01/25 16:25Hrs	9095	15	20	NA	NA	NA
						19/02/25 16:15Hrs	10625	13	23	NA	NA	NA

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						03/03/25 16:30 Hrs	9755	10	21	NA	NA	NA
5	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	02/10/24 10:15 Hrs	9262	7	10	23	18	16
						06/11/24 10:15 Hrs	9417	7	10	15	17	19
						03/12/24 09:45 Hrs	6713	8	10	19	15	28
						09/01/25 10:00Hrs	4693	8	10	14	20	26
						08/02/25 10:25Hrs	8947	8	12	11	16	21
						04/03/25 10:00 Hrs	10024	10	10	10	15	20
6	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	02/10/24 12:00 Hrs	9262	7	12	19	14	20
						06/11/24 12:00 Hrs	9417	7	9	19	14	19
						03/12/24 12:15 Hrs	6713	7	8	26	17	19
						09/01/25 12:10Hrs	4693	7	12	16	19	23
						08/02/25 12:35Hrs	8947	8	14	14	19	25
						04/03/25 12:05 Hrs	10024	9	12	13	17	22
7	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	03/10/24 10:30 Hrs	8918	8	13	13	18	16
						16/11/24 10:00 Hrs	10025	7	14	13	15	16
						04/12/24 12:15 Hrs	9395	7	7	25	19	31
						09/01/25 14:20Hrs	4693	8	12	13	16	22
						01/02/25 10:05Hrs	8810	7	13	12	15	24
						04/03/25 14:28 Hrs	10024	8	11	14	18	26
8	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	03/10/24 12:15 Hrs	8918	7	4	17	18	27
						16/11/24 12:15 Hrs	10025	6	13	20	16	21
						04/12/24 10:15 Hrs	9395	7	9	16	18	26
						09/01/25 16:20Hrs	4693	8	13	15	18	28
						01/02/25 14:45Hrs	8810	8	10	13	17	22

*NA-Not Applicable

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						04/03/25 16:25 Hrs	10024	9	10	10	15	20
9	18 TPH Boiler Stack	Boiler	65	1.8	Blower	Shut Down 31/04/2022						
10	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	Stack dismentled In April - 15/4/2023						
							CPCB Norms		<100	NA	50.00	NA

*NA-Not Applicable

II	Lime Calcination Plant					Plant Capacity: 0.44 MTPA						
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	Shut Down						
						10/11/24 10:35 Hrs	610	6	13	NA	NA	NA
						31/12/24 10:35Hrs	640	6	18	NA	NA	NA
						24/01/25 14:20Hrs	619	5	12	NA	NA	NA
						18/02/25 14:00Hrs	633	6	16	NA	NA	NA
						21/03/25 14:30 Hrs	569	7	15	NA	NA	NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	04/10/24 10:00 Hrs	300	14	13	19	14	16
						08/11/24 14:15 Hrs	288	15	16	18	16	17
						06/12/24 10:00 Hrs	300	16	19	16	14	18
						24/01/25 10:20Hrs	287	18	21	10	15	19
						18/02/25 10:00Hrs	297	18	24	13	15	22
						21/03/25 10:55 Hrs	234	16	21	12	18	24
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	04/10/24 12:00 Hrs	340	15	13	15	16	18
						06/11/24 14:30 Hrs	340	17	14	20	18	18
						06/12/24 14:30 Hrs	340	18	17	18	21	19

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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)	Pollut on Control unit provic ed	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocit y m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						24/01/25 12:10Hrs	332	15	23	12	15	24
						18/02/25 11:30Hrs	336	15	26	15	18	28
						21/03/25 11:00 Hrs	335	15	24	15	21	27
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Fi ters	04/10/24 14:10 Hrs	640	5	22	NA	NA	NA
						11/11/24 10:25 Hrs	634	6	18	NA	NA	NA
						12/12/24 12:05 Hrs	618	6	16	NA	NA	NA
						24/01/25 16:30Hrs	619	6	15	NA	NA	NA
						18/02/25 15:30Hrs	633	5	18	NA	NA	NA
						21/03/25 15:30 Hrs	569	8	15	NA	NA	NA

*NA-Not Applicable

5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Fi ters	Shut Down						
						10/11/24 12:05 Hrs	580	4	14	NA	NA	NA
						12/12/24 16:25 Hrs	544	5	19	NA	NA	NA
						28/01/25 10:00Hrs	569	7	14	NA	NA	NA
						24/02/25 10:10Hrs	562	6	18	NA	NA	NA
						24/03/25 10:05 Hrs	562	7	14	NA	NA	NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Fi ters	19/10/24 10:45 Hrs	580	9	14	22	18	19
						08/11/24 10:00 Hrs	568	12	14	15	18	18
						06/12/24 16:15 Hrs	580	15	22	14	16	19
						28/01/25 14:15Hrs	569	18	26	16	19	22
						25/02/25 12:10Hrs	562	14	19	13	17	25
						24/03/25 16:25 Hrs	562	15	26	10	16	22
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Fi ters	04/10/24 16:32 Hrs	613	6	21	NA	NA	NA
						11/11/24 12:25 Hrs	580	6	15	NA	NA	NA

Preapared By
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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						12/12/24 14:20 Hrs	544	7	17	NA	NA	NA
						28/01/25 16:25Hrs	569	5	16	NA	NA	NA
						24/02/25 11:55Hrs	562	7	14	NA	NA	NA
						24/03/25 14:30 Hrs	562	6	15	NA	NA	NA
8	Kiln - IV Stack	Kiln - IV	58	1.3	Bag Filters	08/10/24 16:00 Hrs	620	14	13	13	7	18
						08/11/24 12:45 Hrs	620	16	18	17	15	20
						09/12/24 12:00 Hrs	607	15	16	18	14	21
						20/01/25 16:15Hrs	599	17	22	13	17	23
						25/02/25 10:00Hrs	595	15	25	14	19	22
						08/03/25 10:35 Hrs	552	16	28	12	17	20

*NA-Not Applicable

9	Lime Stone De-dusting system stack for Kiln IV	Lime Stone Dedusting System	35	1.4	Bag Filters	Shut Down						
						10/11/24 14:15 Hrs	620	5	17	NA	NA	NA
						12/12/24 10:15 Hrs	568	5	16	NA	NA	NA
						20/01/25 14:35Hrs	599	7	14	NA	NA	NA
						24/02/25 14:15Hrs	606	5	17	NA	NA	NA
						24/03/25 12:05 Hrs	606	5	14	NA	NA	NA
10	Lime De-dusting system Stack for Kiln IV	Lime Dedusting System	31	0.960	Bag Filters	08/10/24 14:00 Hrs	620	5	14	NA	NA	NA
						11/11/24 15:45 Hrs	619	6	14	NA	NA	NA
						09/12/24 10:20 Hrs	607	6	14	NA	NA	NA
						20/01/25 10:00Hrs	599	6	16	NA	NA	NA
						24/02/25 16:22Hrs	606	6	15	NA	NA	NA
						08/03/25 12:05 Hrs	552	6	17	NA	NA	NA
							CPCB Norms		<100	NA	100	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 Monitcring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity 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	13/10/24 16:30 Hrs	4196.0	40	9	24.0	14.7	31
						23/11/24 15:15 Hrs	4189.0	40	13	16.4	18.9	19.2
						24/12/24 16:45 Hrs	4023.0	39	11	23.1	25.1	29
						04/01/25 16:15Hrs	3504.0	42	12	16.0	19.0	33
						12/02/25 10:45Hrs	4089.0	38	13	16.0	19.0	33
						06/03/25 15:55Hrs	2709.0	40	13	16.0	19.0	33

*NA-Not Applicable

2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	22/10/24 11:30 Hrs	4177.0	33	26	NA	NA	NA
						23/11/24 12:05 Hrs	4189.0	10	26	NA	NA	NA
						24/12/24 09:45 Hrs	4023.0	7	29	NA	NA	NA
						04/01/25 14:22Hrs	3504.0	7	27	NA	NA	NA
						12/02/25 12:05Hrs	4089.0	8	29	NA	NA	NA
						26/03/25 10:15Hrs	4128.0	8	33	NA	NA	NA
3	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	22/10/24 16:30 Hrs	4177.0	7	23	NA	NA	NA
						23/11/24 16:15 Hrs	4189.0	8	23	NA	NA	NA
						25/12/24 12:15 Hrs	3989.0	8	27	NA	NA	NA
						04/01/25 12:25Hrs	3504.0	7	28	NA	NA	NA
						28/02/25 10:25Hrs	4099.0	7	32	NA	NA	NA
						26/03/25 14:05Hrs	4128.0	6	28	NA	NA	NA
4	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	22/10/24 10:00 Hrs	4177.0	7	29	NA	NA	NA
						25/11/24 11:25 Hrs	4196.0	8	32	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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
					Scrubber	24/12/24 14:00 Hrs	4023.0	7	29	NA	NA	NA
						04/01/25 10:15Hrs	3504.0	8	31	NA	NA	NA
						28/02/25 11:50 Hrs	4099.0	7	33	NA	NA	NA
						14/03/25 12:05 Hrs	4086.0	7	34	NA	NA	NA
5	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	13/10/24 09:50 Hrs	4196	5	20	NA	NA	NA
						23/11/24 10:05 Hrs	4189	7	22	NA	NA	NA
						25/12/24 09:45 Hrs	3989	7	25	NA	NA	NA
						06/01/25 10:20Hrs	4061	6	29	NA	NA	NA
						28/02/25 14:28Hrs	4099	6	28	NA	NA	NA
						14/03/25 10:00 Hrs	4086	7	31	NA	NA	NA
6	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	22/10/24 14:15 Hrs	4177	6	16	NA	NA	NA
						25/11/24 15:00 Hrs	4196	6	18	NA	NA	NA
						24/12/24 12:30 Hrs	4023	5	23	NA	NA	NA
						06/01/25 14:25Hrs	4061	6	25	NA	NA	NA
						28/02/25 16:05Hrs	4099	6	26	NA	NA	NA
						26/03/25 12:00Hrs	4128	7	26	NA	NA	NA
							CPCB Norms		< 50		NA	NA
IV	**Blast Furnace Plant**					**Plant Capacity: 3.5 MTPA**						
1	Cast House Dedusting system	Stock House	45	2.5	Bag Filters	25/10/24 10:30 Hrs	9010.0	11	17	NA	NA	NA
						19/11/24 10:00 Hrs	9657.0	10	21	NA	NA	NA
						16/12/24 12:15 Hrs	9580.0	8	18	NA	NA	NA
						22/01/25 10:35Hrs	9362	12	16	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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						18/02/25 10:10Hrs	9515	10	17	NA	NA	NA
						13/03/25 10:15Hrs	3435	13	21	NA	NA	NA
2	Stock House- 1	Stock House	45	2.5	Bag Filters	25/10/24 12:30 Hrs	9010	7	31	NA	NA	NA
						19/11/24 12:15 Hrs	9657	8	28	NA	NA	NA
						11/12/24 10:15 Hrs	9551	6	11	NA	NA	NA
						23/01/25 10:15Hrs	9562	8	18	NA	NA	NA
						18/02/25 12:00Hrs	9515	11	22	NA	NA	NA
						18/03/25 10:25Hrs	7802	12	26	NA	NA	NA
3	Stock House- 2	Stock House	45	2.5	Heat Exchanger	25/10/24 16:25 Hrs	9010.0	7	29	NA	NA	NA
						19/11/24 14:15 Hrs	9657.0	7	26	NA	NA	NA
						11/12/24 12:15 Hrs	9551.0	7	14	NA	NA	NA
						23/01/25 12:45Hrs	9562	8	23	NA	NA	NA
						18/02/25 14:20Hrs	9515	14	26	NA	NA	NA
						18/03/25 12:05Hrs	7802	10	28	NA	NA	NA
4	Stock House- 3	Stock House	45	2.5	Bag Filters	25/10/24 14:35 Hrs	9010.0	9	25	NA	NA	NA
						19/11/24 16:20 Hrs	9657.0	6	23	NA	NA	NA
						11/12/24 16:45 Hrs	9551.0	7	19	NA	NA	NA
						23/01/25 15:25Hrs	9562	8	26	NA	NA	NA
						18/02/25 16:20Hrs	9515	10	19	NA	NA	NA
						18/03/25 14:35Hrs	7802	9	31	NA	NA	NA
5	Stove stack	Stove Unit	75	5	Heat Exchanger	19/10/24 12:40 Hrs	8922.0	12	15	28	31	37
						23/11/24 16:45 Hrs	9536.0	12	9	18	35	41

'*NA-Not Applicable

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						27/12/24 16:50 Hrs	9411.0	14	12	20	27	38
						22/01/25 16:45Hrs	9362	15	14	19	23	42
						26/02/25 16:45Hrs	9620	14	16	19	23	42
						13/03/25 15:25Hrs	3435	14	14	19	23	39
6	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	19/10/24 16:30 Hrs	170.0	8	16	24	17	25
						04/11/24 10:25 Hrs	77.0	8	16	24	19	26
						16/12/24 13:45 Hrs	37.0	7	14	27	16	19
						14/01/25 12:15Hrs	235	8	12	13	18	22
						26/02/25 15:00Hrs	9620	8	11	13	18	22
						24/03/25 10:15Hrs	206	9	17	13	18	22
7	Coal Injection Plant	Coal Injection Unit	60.5	1.7	Bag Fi ters	19/10/24 16:30 Hrs	170.0	8	16	24	17	25
						04/11/24 10:25 Hrs	77.0	8	16	24	19	26
						16/12/24 13:45 Hrs	37.0	7	14	27	16	19
						22/01/25 14:35Hrs	9362	8	29	NA	NA	NA
						26/02/25 10:00Hrs	9620	8	27	NA	NA	NA
						28/03/25 15:05Hrs	9729	7	32	NA	NA	NA
V	**Sinter Plant -I**					**Plant Capacity: 2.8 MTPA**						
1	Fuel Bag Filter Stack	Fuel Raw Material Crushing House	40	1.804	Bag Filters	24/10/24 10:30 Hrs	7096.0	7	25	NA	NA	NA
						18/11/24 16:05 Hrs	7382.0	6	20	NA	NA	NA
						19/12/24 10:10 Hrs	7428.0	6	25	NA	NA	NA
						15/01/25 10:20Hrs	7486	7	21	NA	NA	NA
						03/02/25 14:30Hrs	7078	11	18	NA	NA	NA
						14/03/25 14:20 Hrs	7404	9	21	NA	NA	NA

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	24/10/24 12:10 Hrs	7096.0	7	28	NA	NA	NA
						18/11/24 10:15 Hrs	7382.0	7	24	NA	NA	NA
						19/12/24 12:05 Hrs	7428.0	7	28	NA	NA	NA
						15/01/25 12:30Hrs	7486	8	26	NA	NA	NA
						03/02/25 11:15Hrs	7078	8	27	NA	NA	NA
						12/03/25 14:00 Hrs	6250	8	29	NA	NA	NA
3	Propotioning ESP Stack	Propotioning House	50	2.404	Electrostatic Precipitators	24/10/24 14:30 Hrs	7096	8	27	NA	NA	NA
						18/11/24 12:05 Hrs	7382	7	28	NA	NA	NA
						19/12/24 14:30 Hrs	7428	8	31	NA	NA	NA
						14/01/25 12:00Hrs	7488	7	29	NA	NA	NA
						21/02/25 10:00Hrs	7361	8	25	NA	NA	NA
						14/03/25 16:45 Hrs	7404	8	26	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	05/10/24 12:30 Hrs	7327	9	39	28	24	38
						16/11/24 17:00 Hrs	7281	9	33	24	26	28
						05/12/24 10:30 Hrs	7455	9	43	25	28	38
						14/01/25 13:20Hrs	7488	9	44	24	28	41
						03/02/25 11:40Hrs	7078	14	39	18	25	33
						12/03/25 10:45 Hrs	6250	13	42	18	25	33
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	23/10/24 16:10 Hrs	5481	12	30	NA	NA	NA
						16/11/24 14:15 Hrs	7281	10	27	NA	NA	NA
						05/12/24 14:15 Hrs	7455	10	28	NA	NA	NA
						14/01/25 10:00Hrs	7488	9	32	NA	NA	NA

*NA-Not Applicable

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									Particulate Matter (PM)	SO_2	NOx	CO
						04/02/25 11:00Hrs	6807	12	33	NA	NA	NA
						12/03/25 12:20 Hrs	6250	10	31	NA	NA	NA
	*NA-Not Applicable											
VI	**Sinter Plant -II**						**Plant Capacity: 2.5 MTPA**					
1	Main ESP	Sinter Machine	85	5.5	Electrostatic	23/10/24 10:00 Hrs	4734	16	29	35	17	25
						15/11/24 16:00 Hrs	7751	19	30	28	41	44
						13/12/24 14:30 Hrs	8265	17	29	28	33	42
						16/01/25 15:30Hrs	8402	17	26	28	33	42
						05/02/25 10:30Hrs	8171	18	31	19	26	35
						13/03/25 12:15Hrs	8446	18	38	19	26	35
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	28/10/24 10:20 Hrs	8189	7	16	NA	NA	NA
						13/11/24 10:15 Hrs	7917	7	14	NA	NA	NA
						18/12/24 10:20 Hrs	8232	7	13	NA	NA	NA
						16/01/25 12:35Hrs	8402	7	14	NA	NA	NA
						05/02/25 12:00Hrs	8171	7	16	NA	NA	NA
						15/03/25 15:05Hrs	8559	7	14	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	26/10/24 10:35 Hrs	8167	6	19	NA	NA	NA
						14/11/24 10:25 Hrs	7487	7	17	NA	NA	NA
						18/12/24 12:00 Hrs	8232	6	19	NA	NA	NA
						16/01/25 16:30Hrs	8402	6	17	NA	NA	NA
						13/02/25 10:05Hrs	8446	9	14	NA	NA	NA

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									Particulate Matter (PM)	SO_2	NOx	CO
						15/03/25 15:50Hrs	8559	9	17	NA	NA	NA

*NA-Not Applicable

4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	26/10/24 12:15 Hrs	8167	6	16	NA	NA	NA
						14/11/24 12:05 Hrs	7487	6	19	NA	NA	NA
						20/12/24 10:20 Hrs	8391	6	22	NA	NA	NA
						17/01/25 10:00Hrs	8383	6	20	NA	NA	NA
						13/02/25 12:05Hrs	8446	10	17	NA	NA	NA
						17/03/25 14:15Hrs	8078	10	13	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	26/10/24 15:25 Hrs	8167	6	17	NA	NA	NA
						14/11/24 15:15 Hrs	7487	7	22	NA	NA	NA
						20/12/24 12:25 Hrs	8391	5	24	NA	NA	NA
						17/01/25 12:10Hrs	8383	5	22	NA	NA	NA
						13/02/25 14:30Hrs	8446	11	19	NA	NA	NA
						22/03/25 10:25Hrs	8350	11	18	NA	NA	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	26/10/24 10:35 Hrs	8167	6	22	NA	NA	NA
						14/11/24 16:35 Hrs	7487	7	29	NA	NA	NA
						20/12/24 15:25 Hrs	8391	6	28	NA	NA	NA
						17/01/25 15:00Hrs	8383	6	25	NA	NA	NA
						14/02/25 10:20Hrs	8290	10	16	NA	NA	NA
						17/03/25 15:15Hrs	8078	10	15	NA	NA	NA

*NA-Not Applicable

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									Particulate Matter (PM)	SO_2	NOx	CO
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	28/10/24 12:05 Hrs	8189	4	14	NA	NA	NA
						13/11/24 12:15 Hrs	7917	6	17	NA	NA	NA
						18/12/24 14:10 Hrs	8232	4	11	NA	NA	NA
						17/01/25 16:20Hrs	8383	5	11	NA	NA	NA
						14/02/25 14:20Hrs	8290	5	15	NA	NA	NA
						22/03/25 12:35Hrs	8350	5	18	NA	NA	NA
8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	28/10/24 14 :20 Hrs	8189	5	13	NA	NA	NA
						13/11/24 15:20 Hrs	7917	6	18	NA	NA	NA
						18/12/24 16:35 Hrs	8232	6	21	NA	NA	NA
						15/01/25 16:45Hrs	8560	6	15	NA	NA	NA
						14/02/25 12:19Hrs	8290	9	13	NA	NA	NA
						22/03/25 16:05Hrs	8350	9	16	NA	NA	NA
VII	**Captive Power Plant (55 MW)**											
1	Boiler Stack	Boiler	40	5.0	Blower	23/10/24 11:55 Hrs	54	8	3	17	35	41
						23/11/24 14:15 Hrs	54	9	3	28	15	32
						27/12/24 10:00 Hrs	53	8	6	24	18	42
						13/01/25 16:35Hrs	54	10	8	16	21	33
						26/02/25 15:15Hrs	54	13	10	16	21	33
						27/03/25 12:15 Hrs	1322	10	9	15	18	25
	*NA-Not Applicable						CPCB Norms		<150	NA	NA	NA

Preapared By
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Checked By
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General Manager (Environment)

JSW STEEL LIMITED

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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)	Velocity 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	29/10/24 12:35 Hrs	2745	8	16	13	18	20
						22/11/24 16:45 Hrs	2797	8	18	14	16	19
						27/12/24 12:15 Hrs	2783	7	12	12	16	18
						13/01/25 12:25Hrs	2244	7	16	14	17	21
						19/02/25 12:35Hrs	2384	7	16	14	17	21
						06/03/25 14:05Hrs	3573	7	16	14	17	21
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	29/10/24 10:20 Hrs	1962	16	9	17	28	38
						22/11/24 14:25 Hrs	1812	14	11	15	25	42
						27/12/24 15:30 Hrs	2950	16	9	12	19	31
						13/01/25 10:20Hrs	3590	17	10	14	19	35
						19/02/25 10:05Hrs	3645	15	12	14	19	35
						06/03/25 12:15Hrs	3502	15	12	14	19	35
							CPCB Norms		<50	NA	NA	NA
IX	**Coke oven Plant -II**						**Plant Capacity: 2.5 MTPA**					
1	Coke Oven Battery Main Stack 1	Coke Oven Battery	150	11.0	Electrostatic Precipitators	07/10/24 16:45 Hrs	6714	10	43	122	136	148
						20/11/24 16:25 Hrs	7572	11.5	45	131	142	166
						07/12/24 16:25 Hrs	5933	10.8	43	128	136	152
						17/01/25 12:10Hrs	7521	12.3	39	108	128	141
						20/02/25 14:25Hrs	7272	10.5	42	108	128	141
						05/03/25 16:00Hrs	7353	10.5	45	108	128	141
2	Coke Oven Battery Pushing Side	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	07/10/24 11:30 Hrs	6714	7.2	16	NA	NA	NA
						20/11/24 10:35 Hrs	7572	7.8	11	NA	NA	NA
						07/12/24 10:25 Hrs	5933	7.8	14	NA	NA	NA
						17/01/25 16:30Hrs	7521	5	10	NA	NA	NA

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						10/02/25 10:00Hrs	6107	5.19	9	NA	NA	NA
						05/03/25 12:05Hrs	7353	5.19	9	NA	NA	NA
3	Coke Oven Battery Charging Side	Coke Oven Battery Charging Side	29.5	1.5	Bag Filters	07/10/24 10:45 Hrs	6714	6.8	14	NA	NA	NA
						20/11/24 12:05 Hrs	7572	7	12	NA	NA	NA
						07/12/24 11:45 Hrs	5933	6.8	16	NA	NA	NA
						17/01/25 15:10Hrs	7521	2.3	13	NA	NA	NA
						10/02/25 12:10Hrs	6107	2.1	10	NA	NA	NA
						05/03/25 12:40Hrs	7353	2.1	10	NA	NA	NA
4	Coal Crushing	Coal Crushing de dusting	19.5	1.5	Bag Filters	11/10/24 12:05 Hrs	7161.0	5.9	16	NA	NA	NA
						21/11/24 10:15 Hrs	7482.0	4.2	17	NA	NA	NA
						26/12/24 10:15 Hrs	7373.0	5.5	16	NA	NA	NA
						21/01/25 12:00Hrs	6995.0	5.1	16	NA	NA	NA
						17/02/25 14:20Hrs	7432.0	6.6	14	NA	NA	NA
						27/03/25 14:25 Hrs	7481.0	6.6	15	NA	NA	NA
5	Coke Cutting	Coke Cutting de dusting	25	1.8	Bag Filters	11/10/24 10:00 Hrs	7161.0	6.8	18	NA	NA	NA
						21/11/24 12:25 Hrs	7482.0	5.9	20	NA	NA	NA
						26/12/24 12:25 Hrs	7373.0	6.6	18	NA	NA	NA
						21/01/25 15:00Hrs	6995.0	4.1	16	NA	NA	NA
						17/02/25 12:00Hrs	7432.0	5.5	16	NA	NA	NA
						27/03/25 16:05 Hrs	7481.0	5.5	13	NA	NA	NA
6	Coke Bunker	Coke Bunker	30	2.5	Bag Filters	11/10/24 14:35 Hrs	7161.0	7.0	16	NA	NA	NA
						21/11/24 15:45 Hrs	7482.0	6.8	23	NA	NA	NA
						26/12/24 15:05 Hrs	7373.0	69.0	23	NA	NA	NA
						21/01/25 10:00Hrs	6995.0	5.6	20	NA	NA	NA
						17/02/25 10:00Hrs	7432.0	6.8	18	NA	NA	NA
						05/03/25 14:00Hrs	7353.0	6.8	17	NA	NA	NA
		Boiler				17/10/24 12:10 Hrs	270.0	7	14	12	18	28
						04/11/24 14:15 Hrs	280.0	8	12	15	16	25

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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)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
7	Boiler		30	1.0	Blower	14/12/24 11:15 Hrs	252.0	8	16	15	16	25
						27/01/25 12:25Hrs	222.0	8	14	14	16	23
						21/02/25 14:20Hrs	280.0	12	15	14	16	23
						07/03/25 14:30Hrs	305.0	12	17	14	16	23

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B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-10-2024	NA	NA	NA	NA	NA	37	92	10.1	13.1	0.8	33	50	7.8	11.1	0.8	45	90	11.8	8.8	1.2	40	70	7.48	24	0.62
02-10-2024	NA	NA	NA	NA	NA	28	86	10.4	16.7	0.7	43	63	8.4	7.8	0.9	30	65	10.9	7.9	1.8	51	87	9.36	21	0.62
03-10-2024	NA	NA	NA	NA	NA	23	79	10.3	18.2	0.5	36	64	8.3	11.3	0.8	30	63	10.3	7.9	1.6	36	62	7.33	18	0.53
04-10-2024	NA	NA	NA	NA	NA	29	89	9.5	16.6	0.6	24	52	8.3	11.7	0.8	25	51	8.7	8.2	0.8	38	67	7.58	25	0.43
05-10-2024	NA	NA	NA	NA	NA	24	90	9.5	15.8	0.6	19	45	7.9	11.3	0.7	28	69	8.7	8.1	0.4	40	66	7.4	28	0.5
06-10-2024	NA	NA	NA	NA	NA	30	91	9.3	14.8	0.7	24	44	7.8	12.9	0.7	54	92	9.1	8.4	0.4	44	78	8.32	30	0.62
07-10-2024	NA	NA	NA	NA	NA	37	93	9.4	14.1	1.1	46	77	7.8	11.2	0.9	43	78	9.6	9.2	0.2	48	89	9.06	29	0.77
08-10-2024	NA	NA	NA	NA	NA	40	78	9.2	15.9	0.8	49	81	8.4	11.2	1.0	33	90	9.5	8.4	0.2	57	90	8.27	28	0.76
09-10-2024	NA	NA	NA	NA	NA	25	68	9.7	17.0	0.9	33	44	9.1	10.4	0.8	52	56	9.6	9.2	0.4	35	61	7.86	22	0.72
10-10-2024	NA	NA	NA	NA	NA	23	75	9.5	14.4	0.9	32	54	8.9	12.4	1.0	21	45	9.3	9.3	0.2	21	64	7.97	24	0.66
11-10-2024	NA	NA	NA	NA	NA	24	78	9.0	12.7	0.8	22	41	9.4	10.5	0.9	30	44	9.4	9.2	0.1	9	31	6.92	25	0.57
12-10-2024	NA	NA	NA	NA	NA	42	90	7.2	14.2	0.7	14	28	11.0	9.0	0.7	37	39	9.6	8.4	0.2	16	34	7.24	22	0.58
13-10-2024	NA	NA	NA	NA	NA	32	88	7.3	11.5	0.6	16	31	12.5	8.9	0.7	27	58	9.1	7.7	0.3	21	41	6.95	22	0.64
14-10-2024	NA	NA	NA	NA	NA	25	89	7.3	14.7	0.7	19	34	13.1	10.9	0.7	33	46	8.8	8.4	0.3	13	27	6.84	23	0.57
15-10-2024	16	35	NA	18.9	1.4	16	91	7.3	16.0	0.8	19	33	17.2	11.9	0.8	27	47	9.5	8.4	0.4	10	38	8.52	24	0.62
16-10-2024	52	90	NA	19.0	1.4	56	80	7.6	16.1	1.0	27	47	13.0	11.6	0.8	35	50	10.1	8.7	0.6	22	52	7.12	26	0.73
17-10-2024	53	91	NA	19.0	1.4	44	76	8.0	12.8	0.9	38	67	13.2	10.5	0.8	43	68	10.3	8.2	0.6	35	72	7.2	26	0.71
18-10-2024	47	92	NA	18.7	1.6	32	90	7.7	14.1	0.8	35	59	12.7	15.2	1.2	31	48	9.9	8.3	0.3	47	92	7.11	26	0.67
19-10-2024	26	56	NA	18.6	1.7	29	91	7.5	14.1	0.5	14	24	12.7	12.9	1.0	43	55	9.3	7.8	0.1	10	30	7.11	24	0.47
20-10-2024	36	81	NA	18.5	1.5	36	87	7.5	17.1	1.0	17	20	12.6	9.8	0.7	51	81	9.3	8.1	0.3	4	29	7.04	21	0.6
21-10-2024	36	75	NA	18.4	1.5	27	93	7.2	17.1	0.7	18	24	11.4	7.7	0.6	21	59	9.3	8.3	0.4	17	48	7.22	23	0.62
22-10-2024	46	92	NA	18.3	1.5	40	91	6.9	15.5	0.7	29	36	10.7	6.8	0.6	43	65	9.2	8.4	0.4	30	77	7.1	29	0.6
23-10-2024	47	91	NA	18.2	1.5	45	91	8.3	15.0	0.8	32	33	11.2	6.1	0.9	43	87	9.1	9.0	0.6	29	55	6.98	23	0.61
24-10-2024	44	75	NA	18.1	1.5	46	92	12.1	14.1	0.9	58	63	11.2	11.7	0.7	47	91	9.3	8.7	0.6	52	91	7.14	32	0.75
25-10-2024	41	90	NA	18.0	1.8	45	92	13.9	26.8	0.9	54	72	11.1	9.1	0.9	41	82	9.4	8.2	0.6	49	88	7.2	35	0.73
26-10-2024	50	93	NA	17.9	1.6	58	91	14.3	29.4	0.9	52	66	10.8	7.0	0.9	40	91	9.5	8.3	0.6	42	86	7.12	33	0.8
27-10-2024	52	82	NA	17.8	1.7	54	93	14.9	29.1	1.0	55	71	11.0	8.2	0.9	51	89	9.5	8.0	0.5	47	92	7.04	34	0.86
28-10-2024	59	91	NA	17.7	1.8	50	80	14.5	21.3	0.9	60	74	10.8	7.8	0.9	35	90	9.8	8.3	0.1	53	90	7.15	32	0.81
29-10-2024	36	92	NA	17.6	1.3	59	90	14.1	14.1	0.8	50	63	10.5	9.6	0.8	40	91	9.6	8.1	0.3	52	89	7.2	34	0.73
30-10-2024	43	72	NA	17.5	1.4	50	92	15.4	11.6	0.9	43	57	10.8	10.3	0.7	45	87	9.8	8.5	0.6	53	77	7.14	34	0.69
31-10-2024	49	76	NA	17.4	1.6	59	90	15.7	13.4	1.0	53	72	12	8	1	42	78	10.1	8.0	0.8	55	93	7.12	33	0.77
Max (µg/m3)	59	93	NA	19	2	59	93	16	29	1	60	81	17	15	1	54	92	12	9	2	57	93	9	35	1
Min (µg/m3)	16	35	NA	17	1	16	68	7	11	1	14	20	8	6	1	21	39	9	8	0	4	27	7	18	0
Average (µg/m3	43	81	NA	18	2	37	87	10	16	1	34	51	11	10	1	39	69	10	8	1	35	67	7	27	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Aqms station is kept in observation.

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Manager (Environment)

Checked By
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B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-11-2024	53	85	NA	17.3	1.6	48	90	16.42	14.88	0.86	43	59	11.53	7.42	1.02	36	88	10.02	8.07	0.86	48	74	6.97	29.58	0.74
02-11-2024	51	87	NA	17.2	1.9	54	79	17.15	17.94	1.1	46	65	11.44	6.08	0.81	41	85	9.63	7.69	0.87	51	72	6.88	24.54	0.69
03-11-2024	53	94	NA	17.1	2.0	50	85	13.56	18.59	1.12	52	80	12.06	7.22	0.83	45	89	9.63	7.81	0.95	59	80	7.15	30.07	0.76
04-11-2024	57	91	NA	17.1	1.9	60	89	13.88	16.58	1.09	48	71	11.99	7.36	0.81	39	85	9.66	7.96	0.94	55	83	6.93	34.11	0.74
05-11-2024	58	93	NA	17.0	1.7	55	90	5.61	17.58	0.99	49	78	12.21	8.31	0.84	48	95	9.78	8.5	1.0	55	82	7.02	35.57	0.75
06-11-2024	54	90	NA	17.0	1.8	58	87	9.96	14.58	1	47	78	12.52	6.99	0.89	56	95	9.86	8.39	1.21	48	90	7.04	35.85	0.83
07-11-2024	46	58	NA	16.8	1.7	49	60	14.78	16.32	0.95	53	80	14.02	11.67	0.95	55	94	9.9	8.24	1.44	44	87	6.91	37.67	0.87
08-11-2024	52	74	NA	16.8	1.8	55	85	19.43	17.69	1.07	59	83	16.07	9.27	1.06	41	83	9.72	8.48	1.36	58	82	6.86	34.76	0.92
09-11-2024	54	79	NA	16.7	1.8	53	73	16.86	16.53	1.18	54	74	14.55	9.88	1	40	83	9.72	9.05	1.35	59	79	6.84	36.79	0.86
10-11-2024	50	82	NA	16.6	1.7	56	58	3.12	3.7	1.01	55	76	14.25	11.35	0.95	45	84	9.67	8.44	1.33	59	89	6.91	36.94	0.84
11-11-2024	54	87	NA	16.6	1.8	52	73	1.64	3.06	0.87	58	81	15.45	9.42	0.97	43	79	9.75	8.61	1.41	55	81	6.93	35.2	0.85
12-11-2024	51	63	NA	16.5	1.7	59	79	3.69	8.75	1.03	56	79	15.61	10.2	0.97	44	90	9.85	8.68	1.45	57	86	6.86	36.92	0.86
13-11-2024	53	87	NA	16.4	1.7	56	85	5.6	9.39	0.92	59	86	15.51	12.27	0.98	47	92	9.74	9.35	1.47	60	90	6.69	31.06	0.87
14-11-2024	43	92	NA	16.4	1.7	51	73	7.07	14.69	0.67	53	80	17.6	12.88	0.97	49	93	9.74	8.78	1.52	53	83	7.19	42.23	0.86
15-11-2024	54	76	NA	16.2	1.8	37	85	9.72	12.86	0.9	51	70	15.48	11.34	1	44	92	11.09	8.67	1.64	48	83	6.6	37.71	0.84
16-11-2024	58	73	NA	16.2	1.5	30	91	11.35	9.65	1.13	49	81	16.46	10.12	1.05	48	86	12.05	8.96	1.83	46	93	6.39	34.32	0.89
17-11-2024	45	73	NA	16.2	1.6	59	84	11.09	14.58	1.15	45	84	14.79	8.03	1.07	56	91	12.08	8.35	1.79	55	89	6.92	39.2	0.9
18-11-2024	50	79	NA	16.3	1.5	51	85	11.39	16.87	1.09	52	82	14.63	9.15	0.94	53	90	11.5	10.32	1.69	44	90	7.49	36.61	0.8
19-11-2024	54	82	NA	16.5	1.7	54	78	11.4	13.57	1.02	58	78	21.06	8.71	0.95	50	93	10.23	10.18	1.88	47	90	6.71	31.26	0.79
20-11-2024	53	82	NA	16.6	1.8	56	92	11.98	0.87	0.98	53	80	20.37	12.65	1.12	49	85	10.23	9.28	1.93	56	92	7.39	41.48	1.01
21-11-2024	50	94	NA	16.5	1.7	46	89	11.49	5.09	1.01	55	89	15.8	11.33	1.11	46	85	10.58	8.91	1.92	55	93	8.03	44.35	1.02
22-11-2024	58	84	NA	16.5	1.8	59	66	11.4	4.2	1	51	94	17.98	8.76	1.18	55	90	9.64	8.84	2.01	52	94	7.6	38.78	1.03
23-11-2024	57	67	NA	16.4	1.9	50	83	11.29	2.91	1.04	49	89	18.98	7.52	1.16	49	88	9.47	10.08	2.05	48	89	6.37	31.3	0.95
24-11-2024	58	68	NA	16.4	1.9	50	93	10.78	3.56	1.21	51	91	23.42	8.61	1.22	56	91	9.87	9.66	2.18	58	93	8.37	35.57	1.02
25-11-2024	52	70	NA	16.4	1.8	51	90	11.18	5.44	1.37	53	84	21.7	8.44	1.16	58	95	10.5	9.46	2.14	56	90	6.66	34.58	1.06
26-11-2024	55	85	NA	16.3	1.9	56	77	10.92	3.73	1.3	49	87	17.7	9.24	1.05	48	90	11.88	9.18	2	48	80	7.73	35.6	0.93
27-11-2024	48	87	NA	16.2	1.7	59	90	10.16	3.3	1.04	56	85	15.99	12.66	1	51	93	12.63	10.6	2.07	59	83	8.56	37.98	0.89
28-11-2024	53	83	NA	16.2	1.7	58	94	11.19	5.48	1.34	53	79	23.37	12.6	1	40	93	13	10.55	1.95	53	87	7.58	43.33	0.87
29-11-2024	40	81	NA	16.2	1.5	54	91	11.09	4.04	1.14	52	85	12.65	11.66	0.94	56	92	13.46	11.09	1.89	57	92	7.51	42.22	0.85
30-11-2024	54	93	NA	16.1	1.9	55	90	11.28	4.25	1.13	55	89	17.59	14.85	1.16	56	94	15.3	9.41	2.17	50	91	7.73	47.16	1.09
Max (µg/m3)	58	94	NA	17	2	60	94	19	19	1	59	94	23	15	1	58	95	15	11	2	60	94	9	47	1
Min (µg/m3)	40	58	NA	16	1	30	58	2	1	1	43	59	11	6	1	36	79	9	8	1	44	72	6	25	1
Average (µg/m3)	52	81	NA	17	2	53	83	11	10	1	52	81	16	10	1	48	89	11	9	2	53	86	7	36	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor kept in observation.

Preapared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
Ceneral Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-12-2024	42	81	NA	16.1	2.0	42	92	11.31	3	1.2	44	90	21.96	10.2	1.22	57	91	31.97	8.38	1.68	46	89	8.37	43.79	1.14
02-12-2024	45	65	NA	16.1	1.9	43	92	12.25	5.52	1.26	57	85	18.84	18.98	1.25	48	86	32.8	9.33	1.85	54	92	8.14	46.41	1.11
03-12-2024	50	78	NA	16.2	1.9	44	87	14.78	6.41	1.26	51	82	17.3	13.03	1.3	57	78	36.34	9.59	1.68	57	93	7.43	45.76	1.13
04-12-2024	45	89	NA	24.9	1.6	54	89	14.72	12.54	1.08	53	71	16.46	11.03	1.24	42	80	27.37	9.3	1.49	44	90	6.69	40.92	0.93
05-12-2024	36	92	NA	64.3	0.6	44	91	13.89	5.95	0.97	45	61	13.98	7.92	1.16	35	62	22.05	8.63	1.4	46	85	7.17	35.63	0.92
06-12-2024	43	92	NA	50.7	0.8	35	71	14	2.67	1.03	54	68	14.37	7.77	1.08	51	90	19.21	8.64	1.78	52	90	6.68	39.96	0.97
07-12-2024	52	84	NA	46.6	0.9	34	73	13.69	4.83	1.02	59	69	12.97	10.61	1.01	54	92	17.58	9.31	1.5	55	91	6.91	38.96	0.97
08-12-2024	54	87	NA	42.2	0.9	54	82	16.97	3.16	1.24	33	89	12.02	11.38	0.88	48	79	16.99	8.87	0.36	53	85	7.48	37.34	0.86
09-12-2024	48	78	NA	18.0	1.7	33	47	11.98	2.76	1.13	38	81	11.92	11.3	0.92	53	89	16.49	10.34	0.68	55	82	7.02	33.61	0.87
10-12-2024	49	91	NA	17.7	1.7	33	92	10.08	17.19	1.02	39	84	11.44	14.54	0.97	52	87	17.37	9.6	0.53	56	87	7.39	39.8	0.96
11-12-2024	49	82	NA	17.7	1.8	56	91	14.55	18.15	1.24	47	92	11.7	12.88	1.02	47	83	17.39	9.16	0.64	54	93	7.41	39.02	1.07
12-12-2024	45	76	NA	17.5	1.7	49	91	22.98	22.65	1.25	51	85	12.11	21.62	1.11	54	90	17.6	9.65	1.3	49	89	7.03	46.38	1
13-12-2024	40	79	NA	17.6	1.6	46	91	20.11	30.95	1.3	47	87	11.41	23.01	0.98	58	79	17.5	9.65	0.79	44	91	6.51	35.77	0.92
14-12-2024	49	90	NA	14.2	1.8	40	92	17.96	23.52	0.83	52	88	11.21	26.76	0.96	50	92	17.39	10.12	0.54	52	91	7.58	41.44	1.02
15-12-2024	56	82	NA	10.1	1.9	48	91	17.55	21.47	1.22	51	94	10.77	21.08	0.94	52	93	17.27	9.65	0.6	51	78	7.13	40.66	1.05
16-12-2024	51	91	NA	10.0	2.0	58	94	17.37	22.27	1.16	42	91	10.98	18.15	0.88	58	89	17.47	9.27	0.8	57	84	7.9	38.02	0.94
17-12-2024	37	87	NA	12.3	1.5	56	91	16.74	20.82	1.29	49	90	10.81	17.3	0.99	46	91	17.52	9.97	1.02	46	91	8.22	39.58	1.05
18-12-2024	44	81	NA	15.6	1.2	49	90	16.49	19.61	1.11	55	87	11.3	19.86	1.13	57	90	17.79	9.35	0.82	49	90	8.04	39.39	1.17
19-12-2024	58	84	NA	18.7	1.2	55	92	17.48	19.04	1.25	60	84	10.74	17.69	1.13	32	58	17.73	8.62	0.83	53	91	7.44	46.59	1.27
20-12-2024	49	90	NA	19.0	1.2	46	90	9.87	17.76	1.36	57	88	10.03	15.14	1.16	31	89	19.31	NA	0.89	57	91	6.91	46.14	1.1
21-12-2024	56	94	NA	19.3	1.6	49	89	5.75	17.43	0.89	47	91	9.87	17.37	1.48	39	85	20.24	NA	1.02	57	87	7.57	35.25	0.95
22-12-2024	45	89	NA	19.6	1.1	36	85	6.23	14.71	0.84	36	92	9.67	15.68	1.38	46	91	17.16	NA	1.34	38	83	7.33	34	0.85
23-12-2024	44	87	NA	19.7	1.0	35	92	6.24	14.27	0.86	38	92	9.34	14.25	0.94	49	87	16.89	10.72	0.99	33	70	7.5	29.37	0.81
24-12-2024	58	90	NA	19.8	1.1	46	93	6.23	16.79	1.12	44	89	9.05	19.6	0.95	43	88	15.24	10.42	1.64	25	78	7.32	36.55	1.03
25-12-2024	39	91	NA	19.8	1.2	45	91	5.85	20.29	1.07	49	84	10.05	24.03	1.04	55	90	16.93	10.26	1.87	17	77	7.31	38.01	1.02
26-12-2024	44	76	NA	19.8	1.2	45	91	5.32	19.14	1.15	47	88	9.55	28.49	1.08	56	93	17.18	9.9	1.49	52	69	5.66	43.8	1.08
27-12-2024	54	91	NA	19.9	1.3	47	86	5.23	18.59	1.29	43	91	9.03	27.21	1.27	47	90	23.2	9.51	1.38	55	86	6.01	39.69	1.14
28-12-2024	54	80	NA	19.9	1.2	56	89	5.12	17.18	1.45	44	94	8.6	17.19	1.11	51	91	20.47	10.54	1.28	58	85	6.44	36.37	1.08
29-12-2024	58	89	NA	19.8	1.2	44	88	5.36	19.37	1.2	57	92	8.71	21.47	1.78	57	91	26.45	9.87	1.27	54	88	6.8	38.63	1.06
30-12-2024	45	85	NA	19.8	1.1	35	91	5.39	20.55	1.19	48	87	9.24	25.64	1.67	50	87	28.21	9.65	0.67	51	89	6.75	40.73	0.95
31-12-2024	46	88	NA	19.7	1.3	37	91	5.27	20.13	1.11	47	90	13.53	19.56	0.98	53	89	19.46	9.25	0.39	58	91	9.04	47.46	1.08
Max (µg/m3)	58	94	0	64	2	58	94	23	31	1	60	94	22	28	2	58	93	36	11	2	58	93	9	47	1
Min (µg/m3)	36	65	0	10	1	33	47	5	3	1	33	61	9	8	1	31	58	5	8	0	17	69	6	29	1
Average (µg/m3)	48	85	#DIV/0!	22	1	45	88	12	15	1	48	86	12	17	1	49	86	21	10	1	49	86	7	40	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor Under observation.

Preapared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-01-2025	52	90	NA	19.7	1.2	51	90	5.48	20.48	1.32	53	38	15.03	11.71	0.99	46	85	Showing NA due to the paintting work is done. analyzer under observation.	8.46	0.84	58	81	8.33	42.96	1.07
02-01-2025	57	82	NA	19.8	1.1	48	95	5.38	20.71	1.22	46	38	12.11	11.01	0.79	48	88		9.13	1.13	55	80	7.89	43.64	0.92
03-01-2025	58	92	NA	19.7	1.3	52	92	5.48	25.22	1.13	33	30	4.47	14.07	0.91	39	90		9.51	1.12	59	81	8	38.01	0.9
04-01-2025	59	90	NA	19.5	1.5	50	95	5.53	21.35	1.03	47	32	6.07	18.93	1.07	44	88		9.05	1.03	59	83	7.89	38.64	0.9
05-01-2025	59	95	NA	19.2	1.8	51	90	5.59	18.46	1.27	50	30	5.54	16.81	1.23	48	95		8.59	1.4	45	86	7.98	41.07	1.17
06-01-2025	54	90	NA	19.2	1.4	50	89	5.55	17.89	1.17	52	31	5.69	18.35	1.17	50	90		9.76	1.89	47	85	8.1	31.4	1.02
07-01-2025	52	93	NA	19.1	1.5	49	81	5.63	16.82	1.05	51	32	5.79	30.78	1.26	52	91		10	1.94	51	90	8.21	47.57	1.08
08-01-2025	50	93	NA	19.1	1.5	53	88	5.83	17.43	1.06	53	34	6.9	24.43	1.19	55	90		9.68	1.59	55	88	7.99	43.59	1.16
09-01-2025	56	94	NA	19.1	1.5	57	90	6.61	17.35	1.05	48	33	7.62	20.94	1.09	46	90		9.66	1.52	52	86	8.06	40.68	1.01
10-01-2025	59	91	NA	19.1	1.7	58	93	6.92	16.75	1.12	46	32	7.3	17.35	1.06	50	94		8.63	1.6	51	90	6.96	38.23	0.99
11-01-2025	55	90	NA	19.0	1.5	46	82	6.91	15.38	1.13	49	32	7.93	16.91	1.08	51	92		8.87	1.8	50	83	6.44	42.14	0.98
12-01-2025	51	96	NA	19.0	1.5	30	89	6.94	16.62	1.2	53	34	8.16	22.05	1.17	56	92		9.16	2.19	54	86	7.07	38.68	1.08
13-01-2025	52	85	NA	19.0	1.5	32	80	6.98	16.93	1.17	60	35	7.66	21.03	1.13	54	92		8.81	1.84	53	88	7.03	40.41	1.03
14-01-2025	58	90	NA	19.0	1.7	48	86	7.56	16.89	1.11	48	33	6.3	17.46	1.93	42	91		8.55	1.5	55	83	6.84	36.64	0.93
15-01-2025	56	91	NA	19.0	1.5	34	57	8.1	15.31	1.09	42	33	5.69	12.87	1.31	60	92		8.83	2.17	53	81	7.36	31.92	0.99
16-01-2025	51	90	NA	18.1	1.4	32	75	8.26	16.17	1.2	53	32	6.21	18.11	1.28	58	93		9.48	2.49	53	83	7.62	36.01	1.01
17-01-2025	57	95	NA	18.9	1.5	35	67	8.3	16.47	1.33	53	34	5.84	17.15	1.23	51	82		9.34	1.61	55	90	7.02	36.04	1.05
18-01-2025	53	90	NA	18.9	1.5	54	71	8.21	15.72	1.38	52	35	5.79	21.85	1.13	47	93		9.01	1.04	51	89	7.31	38.48	1.05
19-01-2025	50	92	NA	18.9	1.6	55	93	8.29	15.95	1.5	56	31	4.73	17.79	1.1	53	89		8.44	1.29	59	92	7.4	48.15	1
20-01-2025	50	81	NA	18.9	1.5	55	86	8.29	15.46	1.3	56	30	5.16	17.78	1.1	56	92		8.16	1.44	56	95	7.31	44.3	1.05
21-01-2025	58	93	NA	18.9	1.4	33	67	8.33	15.64	1.2	56	31	5.88	19.86	0.94	46	92		8.44	1.41	57	95	7.42	47.02	1.09
22-01-2025	49	87	NA	18.8	1.5	41	75	8.56	16.92	1.23	57	30	4.96	21.38	0.9	49	94		8.5	1.78	58	94	6.91	59.33	1.09
23-01-2025	46	92	NA	18.9	1.5	32	91	8.25	Showing NA due to the analyzer maintananace analyzer under observation.	1.02	55	35	5.81	28.14	1.02	47	92		8.94	1.69	51	93	7.46	50.15	1.04
24-01-2025	50	93	NA	18.9	1.5	30	76	8.58		1.35	57	30	6.65	29.07	1.76	43	91		8.35	1.75	56	92	7.53	49.44	1.29
25-01-2025	57	95	NA	18.9	1.6	37	82	8.65		1.05	41	34	5.91	16.38	1.21	32	79		8.35	1.19	50	92	6.94	47.67	1.01
26-01-2025	54	87	NA	18.9	1.9	38	91	8.75		1.46	49	33	6.02	18.5	1.41	39	86		7.92	1.35	59	93	7.44	49.95	1.24
27-01-2025	50	92	NA	18.9	1.8	41	91	8.81		1.48	46	32	5.97	14.8	1.26	23	59		7.89	1.64	51	90	7.34	43.5	1.15
28-01-2025	57	92	NA	18.7	1.6	44	81	8.76		1.33	51	34	6.13	21.41	1.58	Due to internet problem (Internet cable cut)					58	90	7.07	51.17	1.06
29-01-2025	48	94	NA	18.5	2.0	45	84	8.7		1.21	38	30	5.49	17.01	0.92						47	93	6.89	44.3	0.88
30-01-2025	54	86	NA	18.5	1.9	27	54	8.71		0.99	49	35	5.98	24.12	1.12						60	94	7.09	51.09	0.97
31-01-2025	58	95	NA	18.6	1.6	28	56	8.79		0.99	39	32	5.56	22.25	0.95						53	91	6.79	42.31	0.91
Max (µg/m3)	59	96	0	20	2	58	95	9	25	2	60	95	15	31	2	60	95	0	10	2	60	95	8	59	1
Min (µg/m3)	46	81	0	18	1	27	54	5	15	1	33	28	4	11	1	23	59	0	8	1	45	80	6	31	1
Average (µg/m3	54	91	#DIV/0!	19	2	43	82	7	18	1	50	32	7	19	1	48	89	######	9	2	54	88	7	43	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor card Under observation.

Preapared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-02-2025	40	76	NA	18.6	1.6	26	41	8.69	NA	0.8	35	92	5.36	19.85	0.82	37	89	12.84	9.01	1.21	38	88	7.35	55.35	0.8
02-02-2025	54	95	NA	18.6	1.6	24	54	8.69	NA	0.98	36	90	6.4	15.74	0.93	41	84	9.57	8.39	1.02	54	91	6.96	37.7	0.9
03-02-2025	59	85	NA	18.6	1.6	30	60	8.95	NA	1.1	35	79	5.49	22.52	0.92	32	91	8.63	8.54	1.65	52	85	6.74	42.14	0.9
04-02-2025	44	79	NA	18.6	1.6	24	50	9.03	NA	1.19	33	89	5.12	16.99	0.84	34	90	10.54	9.27	1.23	48	84	7.46	47.6	0.8
05-02-2025	52	90	NA	18.6	1.7	28	59	8.57	NA	0.97	46	95	5.68	20.42	0.94	40	92	8.53	10.82	0.6	45	91	7.32	34.86	0.8
06-02-2025	53	91	NA	18.5	1.8	27	60	8.58	NA	1.13	44	82	5.34	25.97	1.08	32	92	12.52	21.02	1.64	55	92	8.09	55.5	1
07-02-2025	55	93	NA	20.6	1.7	45	85	13.66	NA	1.28	43	95	6.08	20.9	1.48	26	90	15.32	8.89	1.74	58	87	7.76	47.11	1.1
08-02-2025	24	87	NA	18.7	1.9	49	89	20.45	NA	1.18	44	92	6.17	19.44	1.32	30	88	13.93	9.82	1.63	53	90	8.36	43.77	1.1
09-02-2025	50	80	NA	18.7	1.9	44	84	20.52	NA	1.04	45	88	5.39	21.66	1.11	43	77	15.5	8.72	1.24	52	91	7.63	47.1	0.9
10-02-2025	41	73	NA	18.7	1.9	54	61	18.04	NA	1.01	31	93	5.5	16.32	0.75	42	82	14.43	10.28	1.78	42	89	7.96	46.54	0.8
11-02-2025	50	77	NA	18.6	1.8	29	60	20.48	NA	0.89	39	95	6.14	29.12	0.85	39	90	13.72	9.72	1.2	49	83	7.3	52.73	0.9
12-02-2025	58	90	NA	18.6	1.7	28	75	19.8	NA	1.21	45	90	5.6	21.03	0.91	31	82	9.98	11.99	1.57	45	81	7.73	39.29	1
13-02-2025	52	92	NA	18.7	1.5	35	79	18.94	NA	1.07	42	85	5.23	20.29	0.92	42	88	7.68	11.58	1.02	46	90	7.55	51.04	0.9
14-02-2025	47	91	NA	19.1	1.3	40	87	13.57	NA	1.03	38	88	4.86	14.43	0.89	56	80	14.06	16.92	1.53	50	91	8.01	52.05	0.9
15-02-2025	59	93	NA	17.1	1.4	39	89	8.53	NA	1.13	35	86	6.27	16.87	0.86	50	83	10.16	15.2	1.58	46	94	8.03	50.44	0.9
16-02-2025	58	77	NA	16.6	1.4	39	80	9.04	NA	1.05	36	87	5.79	20.46	0.85	49	92	7.48	11.23	1.3	47	90	8.22	58.94	0.9
17-02-2025	45	87	NA	16.4	1.4	24	51	9.26	NA	1.01	32	81	4.93	12.67	0.77	37	91	6.96	12.8	1.38	50	92	7.08	55.18	0.8
18-02-2025	55	88	NA	16.4	1.4	30	64	8.36	NA	1.05	38	87	6.6	8.2	0.78	36	90	7.32	12.48	1.2	35	87	7.55	50.14	0.9
19-02-2025	50	94	NA	16.4	1.4	56	92	9.41	NA	0.99	35	88	7.18	9.22	0.83	56	93	7.34	11.63	1.53	37	91	7.57	54.01	0.9
20-02-2025	55	92	NA	16.4	1.4	58	82	9.06	NA	0.98	40	95	8.06	9.56	0.95	47	90	7.43	11.81	1.53	47	90	7.98	50.15	1
21-02-2025	54	91	NA	16.4	1.4	52	78	8.64	NA	1.1	41	92	6.93	15.24	0.92	57	91	7.97	11.8	1.75	40	92	7.14	47.52	0.9
22-02-2025	59	90	NA	16.3	1.5	57	95	8.37	NA	1.18	39	91	6.24	18.8	1.02	41	86	5.21	11.4	1.26	42	90	7.65	63.02	1
23-02-2025	47	85	NA	16.3	1.5	49	90	8.74	NA	0.99	35	94	7.55	9.97	0.97	44	84	5.38	10.35	1.5	31	91	7.54	43.74	0.9
24-02-2025	52	88	NA	16.3	1.5	56	96	8.53	NA	0.88	36	90	7.04	8.46	1.09	29	87	5.52	10.24	1.01	28	84	7.12	44.72	0.8
25-02-2025	57	86	NA	16.3	1.6	51	86	10.1	NA	0.96	37	91	7.46	9.83	1.72	31	89	4.96	10.29	0.66	31	89	7.94	46.69	0.9
26-02-2025	51	95	NA	16.2	1.6	58	96	13.34	NA	0.85	33	86	6.93	9.21	1.39	26	92	5.05	10.68	0.72	33	90	8.04	51	0.9
27-02-2025	56	94	NA	16.1	1.6	52	87	12.04	NA	0.93	34	88	7.26	9.54	1.44	26	91	5.01	10.55	0.84	33	94	7.92	50.3	1
28-02-2025	57	92	NA	16.1	1.6	55	94	11.14	NA	1.09	37	85	6.24	8.63	1.04	39	90	5	10	1	34	68	8.16	45.17	0.9
Max (µg/m3)	59	95	0	21	2	58	96	21	0	1	46	95	8	29	2	57	93	16	21	2	58	94	8	63	1
Min (µg/m3)	24	73	0	16	1	24	41	8	0	1	31	79	5	8	1	26	77	5	8	1	28	68	7	35	1
Average (µg/m3)	51	88	#DIV/0!	18	2	42	76	12	#DIV/0!	1	38	89	6	16	1	39	88	9	11	1	44	88	8	49	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to Analyzer under observation

Preapared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-03-2025	17	81	NA	16.1	1.5	35	82	11.2	NA	1.15	10	91	7.00	15.19	1.2	59	88	5.54	10.76	1.34	44	93	7.62	51.21	1.0
02-03-2025	29	80	NA	16.0	1.4	29	80	11.3	NA	0.94	50	82	7.85	10.72	1.14	43	88	5.39	10.6	1.84	31	85	7.89	37.71	0.9
03-03-2025	37	81	NA	16.1	1.4	49	86	11.11	NA	0.92	44	93	7.03	8.4	0.98	60	90	5.27	10.73	2.22	28	81	7.69	34.84	0.9
04-03-2025	19	83	NA	16.1	1.3	11	85	10.94	NA	1.13	44	97	8.16	11.63	0.98	54	92	5.39	11.53	2.49	23	92	7.72	39.57	0.9
05-03-2025	45	86	NA	16.1	1.3	23	88	10.95	NA	1.01	28	95	7.35	9.81	0.85	25	95	4.81	11.53	1.7	54	84	7.31	39.98	0.8
06-03-2025	47	85	5.4	16.0	1.1	17	90	10.84	NA	1.14	16	90	7.45	12.34	1.05	16	93	5.34	11.2	2.19	56	82	7.53	51.99	0.8
07-03-2025	41	90	4.4	15.9	1.1	49	88	14.79	NA	1.03	55	93	7.73	8.22	1.07	11	94	4.86	10.45	1.64	48	88	8.33	55.29	1.0
08-03-2025	13	88	3.6	15.9	1.2	45	95	13.1	NA	1.29	46	93	7.29	7.14	1.13	20	94	4.54	10.38	1.75	24	89	7.93	50.58	1.0
09-03-2025	36	86	3.2	15.9	1.2	33	91	3.38	NA	1.03	38	94	7.78	9.82	0.9	16	93	4.64	10.12	1.69	29	92	7.85	0.00	0.9
10-03-2025	58	90	2.5	15.9	1.2	56	91	4.45	NA	1.12	16	91	7.57	15.0	2.05	32	92	4.57	10.5	1.21	16	87	7.56	54.45	1.1
11-03-2025	56	83	2.0	15.9	1.7	45	90	7.29	NA	1.43	50	90	7.86	7.14	1.77	37	92	4.41	10.05	1.33	16	90	7.54	45.14	1.3
12-03-2025	25	86	1.3	15.8	1.5	31	90	6.72	NA	1.09	59	96	7.33	12.71	1.55	40	94	4.53	10.32	1.05	56	83	7.12	57.91	1.0
13-03-2025	48	88	3.4	15.8	1.5	10	94	5.49	NA	1.00	43	85	8.13	8.28	1.39	48	95	4.68	10.24	1.44	41	86	7.91	41.39	1.0
14-03-2025	16	83	5.8	15.8	1.3	18	92	5.94	NA	1.14	18	97	8.54	8.39	1.34	54	93	5.13	10.23	1.83	37	66	7.94	41.79	1.0
15-03-2025	38	81	6.0	15.8	1.2	46	96	5.89	NA	1.17	44	91	8.18	10.87	1.05	21	93	5.1	10.61	1.7	33	65	8.16	44.54	0.9
16-03-2025	56	83	5.8	15.8	1.2	27	91	6	NA	0.93	43	90	8.51	15.18	0.95	26	92	4.87	10.51	1.62	34	72	7.93	49.94	0.8
17-03-2025	51	90	5.8	15.7	1.2	25	92	6.22	NA	0.78	51	95	8.85	9.77	0.91	39	94	5.14	10.61	1.69	45	69	7.83	80.54	0.7
18-03-2025	12	89	5.3	15.8	1.0	40	92	6.34	NA	0.69	32	90	8.53	11.5	0.92	20	95	5.64	11.84	1.51	22	78	7.35	NA	0.7
19-03-2025	43	92	4.5	15.7	0.9	13	93	6.54	16.92	0.95	12	92	8.36	11.83	1.03	16	91	5.36	11.59	1.44	15	76	7.15	39.13	0.8
20-03-2025	45	91	3.8	15.7	0.9	18	82	6.86	29.82	0.91	28	81	8.53	14.15	0.94	15	90	5.29	11.47	2.31	22	90	7.73	56.78	0.7
21-03-2025	24	90	3.1	15.7	0.9	45	93	6.91	34.22	0.96	13	93	8.65	10.65	0.83	53	91	7.37	12.73	1.63	51	90	7.18	43.47	0.8
22-03-2025	31	90	2.3	15.7	0.9	58	91	7.13	22.97	0.74	36	87	8.68	10.61	0.64	13	90	7.89	11.18	1.03	17	49	7.62	39.57	0.6
23-03-2025	17	93	1.4	15.7	0.9	33	92	7.14	20.03	0.87	55	97	8.52	10.24	1.39	30	90	7.66	10.63	1.16	30	64	7.74	35.00	0.6
24-03-2025	35	92	2.8	15.7	1.2	25	92	7.01	17.42	0.81	52	93	8.61	5.54	0.89	29	93	7.82	11.73	1.97	52	62	7.73	36.29	0.8
25-03-2025	36	92	4.0	15.5	1.0	48	94	7.25	22.6	0.82	42	95	9.1	9.42	0.82	22	94	8.19	16.4	1.79	31	61	8.00	40.41	0.7
26-03-2025	51	93	3.8	15.5	1.1	37	92	7.27	19.39	0.74	19	87	8.76	7.58	0.59	32	93	8.01	25.14	2.04	41	42	7.37	32.39	0.6
27-03-2025	58	90	3.5	15.5	0.9	22	91	7.43	17.9	0.67	20	92	8.5	11.43	0.59	44	86	6.98	70.87	2.3	51	48	7.19	36.56	0.5
28-03-2025	59	90	3.2	15.5	0.8	31	79	7.37	19.35	0.71	56	92	8.97	9.19	0.65	51	92	7.00	NA	2.5	21	81	7.6	47.34	0.6
29-03-2025	44	93	2.5	15.5	0.9	18	86	7.45	32.4	0.86	10	94	9.36	13.79	1.11	47	81	9.28	NA	1.15	54	90	8.06	56.31	0.9
30-03-2025	25	94	1.7	15.5	1.3	23	59	7.55	26.05	1.42	29	86	8.53	6.59	1.16	46	80	18.32	NA	1.22	29	91	8.23	43.07	1.0
31-03-2025	54	91	1.2	15.5	1.7	59	80	7.62	15.21	1.09	43	95	8.34	5.68	1.34	32	90	16.81	NA	0.71	50	64	7.65	30.63	0.8
Max (µg/m3)	59	94	6	16	2	59	96	15	34	1	59	97	9	15	2	60	95	18	71	3	56	93	8	81	1
Min (µg/m3)	12	80	1	15	1	10	59	3	15	1	10	81	7	6	1	11	80	4	10	1	15	42	7	0	1
Average (µg/m3)	38	88	4	16	1	33	88	8	23	1	36	91	8	10	1	34	91	7	14	2	36	77	8	44	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor Analyzer under observation

Preapared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)