

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT

JSW STEEL LTD, DOLVI WORKS

Six Monthly Compliance, Status report

(Oct'2024 to Mar'2025)

3.5 (1.0+2.5) MTPA Coke Oven and By-product plant – Transfer of 1.0 MTPA Coke oven and by-product plant – from EC of 3 to 5 MTPA and 2.5 MTPA Coke Oven with by-product plant from EC of Expansion of Integrated Steel plant from 5 to 10 MTPA and Power plant from 300 MW to 600 MW (Gas Based) of M/s. JSW Steel Limited in Geetapuram, Village Dolvi, Tehsil – Pen, District- Raigad, Maharashtra

Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 01/02/2018.

Transfer of Environmental Clearance accorded for 3.5 MTPA Coke oven plant and By-product plant from M/s. Dolvi Coke Projects Ltd. To M/s. JSW Steel Ltd vide EC Letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 22/11/2021.

ENVIRONMENTAL MANAGEMENT DEPARTMENT

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

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
IA-J-11011/497/2017-IA-II(I) dated 01/02/2018 and Transfer of Environmental Clearance accorded for 3.5
MTPA Coke oven plant and By-product plant located at Geetapuram, Dolvi from M/s. Dolvi Coke Projects
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Annexure-V

The production facilities after the expansion are given below:

S. No	Technological Facility	EC accorded for Facilities under 5 MTPA	EC accorded for Facilities under 5 to 10 MTPA	Total unit capacities at 10 MTPA	Compliance Status
1.	DR1 (Gas based Mega Module)	2.0 MTPA (by augmentation)	2.0 MTPA	4.0 MTPA	2 MTPA plant in operation 2 MTPA plant under 5-10 MTPA, & technology finalization under progress
2.	Pellet Plant	4.0 MTPA	9.0 MTPA	13.0 MTPA	4 MTPA plant in operation 9 MTPA plant under 5-10 MTPA, Plant is commissioned and in operation.
3.	Coke Ovens including By-product plant	2.0 MTPA	2.5 MTPA	4.5 MTPA	1.0 MTPA in operation under EC M/s. Amba River Coke Ltd 3.5 MTPA Coke Oven, EC transferred to Dolvi Coke Projects Ltd (DCPL) and further changed as JSW Steel Ltd. 3.0 MTPA plant is in operation (Battery A, B, C & D)
4.	Sinter Plant	2.8+3.2 MTPA	4.0 MTPA	10.0 MTPA	2.8+2.5 MTPA plants are in operation. - The 8 MTPA plant under 5-10 MTPA is being amended to 4 MTPA for which amendment done. Technology to be
5.	Blast Furnace including Pig casting	3.6 MTPA (by augmentation)	4.5 MTPA	8.1 MTPA	3.5 MTPA plant in operation 4.5 MTPA plant under 5-10 MTPA, Plant is Commissioned and in operation.

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6.	SMS (CONARC)	5.2 MTPA (by augmentation)	--	5.2 MTPA	5.2 MTPA Plant in operation
7.	SMS -BOF	--	6.0 MTPA	6.0 MTPA	Plant is commissioned and in operation.
8.	Ladle Furnace (LF)	2x200t +205t	2X300t	2x200t +205t 2X300t	2x200t +205t LF in operation 2X30t LF under 5-10 MTPA is commissioned and in operation
9.	VD/VOD & RH-TP	1x200t+1x205t	2x300t	1x200t +1x205t 2x300t	1x200t+1x205t in operation 1x200t +1x205t 2x300t under 5-10 MTPA, is in operation.
10.	CSP(HRC Coil) Thin Caster- cum-Hot Strip Finishing Train	3.5 MTPA (By Augmenting)	-	3.5 MTPA	3.5 MTPA plant in operation.
11.	Convention al Slab Caster	2x1 strands (3.68 MTPA)	2x2 strands (5.72 MTPA)	Total 6 strands (9.4 MTPA)	2x1 strands (3.68 MTPA) in operation 2x2 strands (5.72 MTPA) under 5-10 MTPA, is in operation.
12.	Billet Caster	-	1x6 Strands	6 strands (1.5 MTPA)	1x6 strands (1.5 MTPA) plant in operation.
13.	Plate Mill	1.5 MTPA	-	1.5 MTPA	Technology to be finalised.
14.	CRM (Hot Rolled Skin Pass + Cold Rolled Full Hard Coil + Hot Rolled Pickled & Oiled Coil)	1.0 MTPA	1.5 MTPA	2.5 MTPA	Technology to be finalized.
15.	Galvanizing Line (Cold Rolled Steel Strips, Hot Dip Zinc Coated Full Hard)	0.6 MTPA	-	0.6 MTPA	Technology to be finalized.

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16.	Electrical Steel CRGO line	0.4 MTPA	-	0.4 MTPA	Technology to be finalised.
17.	Tin Plate Mill	0.4 MTPA	-	0.4 MTPA	Technology to be finalised.
18.	Colour Coating Plant	0.5 MTPA	-	0.5 MTPA	Technology to be finalised.
19.	Lime/Dolo Plant	1800 TPD	1800 TPD	3600 TPD	1800 TPD plant in operation 1800 TPD plant under 5-10 MTPA, is in operation.
20.	Oxygen Plant	4100 TPD	3500 TPD	7600 TPD	2200 + 1260 TPD + 1000 TPD + 2200 TPD plant under 5-10 MTPA is in operation.
21.	Hot Rolling Mill with shearing & slitting line	-	5.0 MTPA	5.0 MTPA	5 MTPA plant under 5-10 MTPA, is commissioned and in operation.
22.	Bar Mill	-	1.4 MTPA	1.4 MTPA	1.4 MTPA Plant in operation.
23.	Slag & Clinker Grinding Unit	"	10 MTPA	10 MTPA	EC transferred to JSW Cement Ltd.
24.	Captive Power Plant	300 MW	300 MW	600 MW (based on surplus gases of BF & Coke Oven)+RLN G	55 MW Gas based CPP in operation. 175 MW CPP (Gas based) and 70 MW from CDQ under 5 -10 MTPA is in operation.
25.	Township	-	150 acres	150 acres	Work in progress

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE STATUS
A) Specific Conditions		
i	The project proponent should install 24x7 air and water monitoring devices to monitor air emission and effluent discharge, as provided	Complying with Continuous Emission Monitoring System is

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	by CPCB and submit report to Ministry and its Regional Office.	installed at 46 Nos stack & connected to MPCB & CPCB for transmission of data online on real time basis. Information submitted to Regional Office of MoEF&CC along with six monthly compliances. The Six Monthly Environmental Monitoring Report attached in Annexure 1 A & 1 B for plants under Phase 1 & 2
ii	The PP should ensure treatment of effluent particularly from Blast Furnace (BF) and Coke Oven plant. The plant should be designed to meet the cyanide standards stipulated by MoEF&CC under EPA Act 1986.	Complied. Effluent from 2 nos Coke oven plants is being treated in 2 nos of Biological and De-phenolization Plants (BOD) for treatment of effluent as per standard. Effluent Treatment Plant (ETP) for effluent from gas cleaning plant of BF-1 is provided and for BF-2 the gas cleaning system is dry type, Hence, no effluent from gas cleaning of BF-2 generated.
iii	The commitment made by the PP for plantation of the green belt to the tune of 655 acres should be expedited. Three rows of green belt, 12-15 meters wide, all along the periphery of the plant should be planted.	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 consultation with local forest department over 51 Ha land and Mangrove Plantation over 152.00 Ha. Hence, Condition is complied.

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iv	The CSR plan as submitted by the PP in the area of health care, rural infrastructure development, education, sports and cultural activity, Swachh Bharat Abhiyan with respect to the earlier projects and the ongoing project at Dolvi site are very slow in implementation. The CSR activities should be implemented expeditiously and simultaneously with the implementation of the project, and annual report on CSR activity should be submitted to the Ministry.	Complied with JSW foundation is the apex organization which is responsible for implementation of CSR activity in and around Dolvi works. JSW foundation is supported by JSW Steel Limited. CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. Amount spent on CSR Activities: The project proponent has spent Rs 16.34 Crores under CSR activity for 2024-25 (April to March 2025) The above amount has been spent on Social Development- (Education & Training), Skill Development, Water and Sanitization, Agriculture, Rural Development, Health, Solid Wastes Management and Community Development.
v	At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent should prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector- wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project.	The project proponent is carrying out CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. The CER activities shall be implemented in accordance with Ministry 's OM vide F.No.22 - 65/2017-IA III dated 1st May 2018 within the Project implementation period. A separate budget is incurred under CER activities, which are included in the Budget proposal Amount spent on CER Activities is Rs 119.86 Crores. The above amount was spent on for construction

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	A separate budget head should be created and the annual capital and revenue expenditure on various activities of the Plan should be submitted as part of the Compliance Report to RO, at Bhopal. The details of the CSR Plan should also be uploaded on the company website and should also be provided in the Annual Report of the company.	of Multi-Speciality Hospital, Construction of Roads outside the plant premises, and expenditure on Tree plantation in nearby villages (outside the Plant). Hence the condition has been complied.
vi	No development should be done on the creek-ward side of the land. Land area between HTL to 100 mts or width of the creek, whichever is less, on the landward side should be kept free from any type of development.	Complied. The project proponent has restricted Development of plant beyond 100 mtrs from HTL & kept the same free. The same was confirmed through Survey was carried out by IRS, Chennai.
vii	No waste water will be discharged outside the plant boundary during normal operation. In case it become necessary to discharge effluent meeting norms fit to the marine environment, permission of the relevant authority should be obtained.	Complied. Excess treated effluent conforming to standards is being discharged to Amba River Estuary as per the permission obtained from MoEFCC – CRZ Division vide letter No F.No.11-7/2023-IA. III dated 5th April 2023.The permission is granted for discharge of treated water 615 M3/Hr.
viii	No untreated effluent should be reused for any process.	Complied. Wastewater is treated in ETP and treated effluent is reused industrial usage.
ix	Measures should be taken to reduce PM levels in the ambient air. Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50mg/Nm3 and installing energy efficient technologies in the Plant	All necessary air pollution control devices provided: • Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks are provided, 46 nos of stacks are connected through OCEMS to CPCB and MPCB. • ESP (17nos) and Bag Filters (157nos), Cyclone & Venturi Scrubber (06 nos), Dry Cyclone separator (01 no) are provided to control the PM emission from stacks within norm. • Raw Material handling area, yard sprinklers, dry fog system, Dust extraction systems

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		provided to control the fugitive emissions. Constructed covered sheds for Raw Material storage purpose. • 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. • Covered shed for storing Iron Ore Bearing Material and Flux. Capacity of the covered shed is 4,27,000 MT Environmental Benefits of Covered Shed: • No fugitive emission during handling of material • No water contamination during rains • No spillage of material on roads • Covered storage shed prevents dust emission in the environment during operation of the yard. • Total expenditure on covered shed will Rs 320 Crores • Investment on Yard sprinklers, De-dusting system and Dry fogging system Rs 77.29 Crores • Top gas recovery turbine from Blast furnace and Gas Based power plant. • Energy efficient technologies provided in the Plant like waste heat recovery system, • Sinter plant- 1 Boiler (7 TPH) Waste Heat Recovery • Sinter plant- 2 Boiler (20 TPH) Waste Heat Recovery • Coke Oven -2 Boiler (9.2 TPH) Waste Heat Recovery • Coke Oven -2 Boiler (5.2 TPH) Waste
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		Heat Recovery • Coke Oven -2 CD Boiler (5.2 TPH) Waste Heat Recovery • Coke Oven -1 Boiler (4.5 TPH) Waste Heat Recovery • Steel Melting Shop-2 Boiler (74 TPH) Waste Heat Recovery • Coke Dry Quenching (CDQ) Boiler-1 (72 TPH) Waste Heat Recovery • CDQ Boiler -2 (94 TPH) Waste Heat Recovery • CDQ Boiler -3 (94 TPH) Waste Heat Recovery • All internal roads are made by concrete. • Regular operation of Road Sweeping machines and water sprinkler on road. • Transfer of De-dusting system dusts and other secondary dusts generated from Pollution Control equipment by bulkers. • The transfer of raw material from Jetty to plant is 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 the condition has been complied.
x	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices. Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice	Complied. • Five 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 Emission Monitoring System

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	issued by the CPCB should be followed.	(CEMS) for all the required stacks as per CPCB guidelines is installed on 46 nos of Stacks. Adequate air pollution control devices are provide including Bag Filters to control fugitive emissions.
xi	Dust suppression system and bag filters should be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points,	Complied. Raw Material Handling areas, yard sprinklers, Dry fogging system, dust extraction system provided in the junction houses and transfer points. - Dust suppression by dry fog systems / water spraying systems provided at Raw Material Handling Section (RMHS) and other applicable areas. - All conveyors and Junction houses of Raw Material Handling systems are closed system. Details of covered shed for storage of Raw Material; - 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. - Covered shed for storing Iron Ore Bearing Material and Flux. Capacity of the covered shed is 4,27,000 MT In Steel melting shop, Blast Furnace, Lime Calcination Plants, Pellet Plant adequate de-dusting systems with ESPs, Dry Gas Cleaning Plant, Cyclones and Bag Filters provided.
xii	Water consumption should not exceed as per the CREP standard prescribed for the steel plants. Additional water, if any, required for	Complied. The recommendations made in the Charter

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	the plant project operations. Should be met form rainwater stored in rainwater harvesting structures.	on Corporate Responsibility for Environment Protection (CREP) for the steel plants are implemented regarding specific water consumption. The specific water consumption for the year 2023 - 24 (April to March 2024) was 2.35 m³/t of crude steel which is well below the CREP recommendation of 5 m³/t. • Dry Gas Cleaning plant, a Best Available Technology installed in Blast Furnace. The traditional wet scrubbing process has high pressure drop due which the energy recovery is low (14 MW) but the bag filter has low pressure drop thus has high energy to recovery (36 MW), by using Dry GCP process the energy recovery has increase approx. of 22 MW, which has reduced specific water consumption. • Coke Oven Plant - a Best Available Technology Coke Dry Quenching systems (3 Nos) installed and recovered the sensible heat of red hot coke, reduce energy consumption and pollution and improve the quality of coke.
xiii	Rainwater harvesting scheme should be prepared so that the rainwater can be collected, re-used and may be used for ground water recharge. The concrete drains should be de-silted and regular supervision of the areas should be carried out so that blocking of drains may be avoided for quick discharge of rainwater. Efforts should further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement.	Complied. Rain Water collection system for utilization of rainwater for cooling water make-up has been implemented at 12 various buildings of Oxygen Plant, Coke Oven, Power Plant, MRSS and Admin. Rainwater Harvesting through Recharge bore-well is not feasible in the area as the water table is high being close to river and sea.
xiv	All the effluents should be treated and reused for dust suppression/green belt	Complying with

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	development. No effluent should be discharged and 'zero' discharge should be adopted.	Presently, treated effluent is partially discharged to the Amba River Estuary as per the permission obtained from MoEFCC – CRZ Division vide letter No F.No.11-7/2023-IA. III dated 5th April 2023. As per EC condition, ZLD shall be installed after completion and implementation of 100% projects from environmental Clearance. The permission is obtained for discharge of treated water approximately 615 M3/Hr.
xv	Full utilization of fly ash should be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash should be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding should be submitted to the Ministry's Regional Office at Bhopal.	Not Applicable. The Captive Power are gas based, hence Fly Ash is not generated in the process.
xvi	Hazardous materials required during construction phase and in plant operations should be stored properly as per the regulations and reused/recycled as per the E(P)A Rules.	Complied. Hazardous wastes generated from the plant is stored in designated place and disposed to authorized recyclers as per the Hazardous Wastes (Management and Handling and transboundary) guidelines and MPCB consent conditions.
xvii	Vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation to meet prescribed standards.	Complied. The vehicle and construction machineries PUCs are checked at Main gate before entering the plant. Electric vehicles are used in the transport pool for internal transportation inside the plant.
xviii	Risk and Disaster Management Plan along with the mitigation measures should be prepared and implemented.	Complied. Risk & Disaster Management plan has been prepared and implemented through Dedicated department of Health and Safety.
xix	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants shall be complied as per the guidelines. The recommendations made in the Charter on

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		Corporate Responsibility for Environment Protection (CREP) for the steel plants are implemented. • Dry Gas Cleaning plant installed in Blast Furnace. The traditional wet scrubbing process has high pressure drop due which the energy recovery is low (14 MW) but the bag filter has low pressure drop thus has high energy to recovery (36 MW), by using Dry GCP process the energy recovery has increase approx. of 22 MW, which will reduce CO2 emissions by approx. 1.4 Lac.tCO2eq. This system saves specific water consumption. • Installed Gas Holders (Coke Oven Gas and LD Gas) which helps the steady network flow for distribution of gas in constant pressure (Operating pressure 996 mmWC). Also it helps to proper utilization of waste gases. It saves CO2 and Energy. • Coke oven plant – Tar sludge / ETP sludge are reused in the Coking process. • Blast Furnace TRT – Energy recovery of top blast furnace gas is being done with power generation through TRT by using top pressure of BF gas. • Coke Oven Plant – Coke Dry Quenching systems (3 Nos) installed and recover the sensible heat of red hot coke, reduce energy consumption and pollution and improve the quality of coke. Each CDQ will reduce water consumption by 1920 m3/day and energy of 70 MW will be recovered along which will reduce the CO2 emissions by approx. 10.9 Lac.t CO2eq • Steel Melting Shop (SMS), secondary de-dusting system (Gas Cleaning Plants 4 Nos) has been installed to control fugitive emissions • Coal Injection Plant for direct injection of pulverized coal in furnace has been implemented. Present rate of CDI in our Blast
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		Furnace is 200 Kg/THM (average for the year 2022-23). • BF Slag- 100% utilized in Cement plant. • EAF slag- 100 % for construction activities for expansion projects by land filling in the low lying areas and is also being used for internal road making. Using EAF slag as aggregates for roads in National Highway (Concrete and asphalt roads) • Cast House Fume extraction system inclusive of tap holes, runners, skimmers, ladle and charging points have been provided to control Fugitive emissions from Blast Furnace. Hence the condition has been complied.
xx	All the commitments made to the public during public hearing/public consultation should be satisfactorily implemented and adequate budget provision should be made accordingly.	Being Complied. Separate budget is maintained for implementing projects/ issues discussed during Public Hearing. CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. The project proponent has spent Rs 13.42 Crores for the year 2023-24 (April to March 2024). The above amount has been spent on Social Development- (Education & Training), Skill Development, Water and Sanitization, Agriculture, Rural Development, Health, Solid Wastes Management and Community Development.
xxi	All the permanent workers should be covered under ESI Scheme. The company should have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency. Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry,	Being Complied. As per the Factories Act, regular health check-up has been done for workers and employees & records are maintained on regular basis. Annual Medical Check-up conducted for medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc.

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
IA-J-11011/497/2017-IA-II(I) dated 01/02/2018 and Transfer of Environmental Clearance accorded for 3.5
MTPA Coke oven plant and By-product plant located at Geetapuram, Dolvi from M/s. Dolvi Coke Projects
Ltd. To M/s. JSW Steel Ltd vide EC Letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 22/11/2021
(October 2024 to March 2025)**

	Spirometry etc. should be conducted amongst the employees of the Company.	
B) General Conditions		
i	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board and the State Government.	Complying with Consent to Establish and Consent to operate received from Maharashtra Pollution Control Board (MPCB). The compliance is regularly monitored by MPCB.
ii	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and Shall be complied.
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Nagpur and the SPCB/CPCB once in six months.	Complying with 5 Nos. online Ambient Air Quality Monitoring Station with consultation of MPCB & data connected the same to MPCB & CPCB Website. Six monthly compliance including ambient air quality is submitted to Regional Office at Nagpur.
iv	Industrial wastewater should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 313' December, 1993 or as amended from time to time. The treated wastewater should be utilized for plantation purpose.	Being Complied. Waste water treatment facility is provided to treat the industrial effluent. Treated effluent is used in the coke slag quenching. Treated Sewage from STP is used in plantation and green belt development.
v	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).	Complied. Noise control measures are implemented like acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
vi	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Being Complied. As per the Factories Act, regular health check-ups for workers and employees are carried out on regular basis.

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
IA-J-11011/497/2017-IA-II(I) dated 01/02/2018 and Transfer of Environmental Clearance accorded for 3.5
MTPA Coke oven plant and By-product plant located at Geetapuram, Dolvi from M/s. Dolvi Coke Projects
Ltd. To M/s. JSW Steel Ltd vide EC Letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 22/11/2021
(October 2024 to March 2025)**

vii	The company should develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Being Complied. Rain Water collection system for utilization of rainwater for cooling water make-up has been implemented at 12 various buildings of Oxygen Plant, Coke Oven, Power Plant, MRSS and Admin. Rainwater Harvesting through Recharge bore-well is not feasible in the area as the water table is high being close to river and sea.
viii	The project proponent should also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	Being Complied
ix	Requisite funds should be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forests and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein should be submitted to the Regional Office of the Ministry at Nagpur. The funds so provided should not be diverted for any other purpose.	Being Complied. Rs 806 Crores have been spent as investment on Pollution Control System (Air, Water and Solid wastes).
x	A copy of clearance letter should be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter should also be put on the web site of the company by the proponent.	The project proponent has submitted a copy of clearance letter to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the local NGO. The clearance letter is also uploaded to the JSW Steel web site. Hence the condition has been complied.

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
IA-J-11011/497/2017-IA-II(I) dated 01/02/2018 and Transfer of Environmental Clearance accorded for 3.5
MTPA Coke oven plant and By-product plant located at Geetapuram, Dolvi from M/s. Dolvi Coke Projects
Ltd. To M/s. JSW Steel Ltd vide EC Letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 22/11/2021
(October 2024 to March 2025)**

xi	The project proponent should upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and should update the same periodically. It should simultaneously be sent to the Regional Office of the MOEFCC at Nagpur. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects should be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. The project proponent has been uploading the status of compliance of the stipulated environment clearance conditions, including results of monitoring data on JSW Steel website on a six monthly basis. The EC compliance report and Environmental monitoring reports (for Air, Water, Solid Waste and Hazardous wastes) are submitted to MoEFCC, CPCB, and MPCB on six monthly basis. The CEMS data and CAAQMS data are displayed at the main gate.
xii	The project proponent should also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Nagpur / CPCB / SPCB should monitor the stipulated conditions.	The project proponent has been submitting six monthly Environmental Clearance compliance report and six monthly Environmental monitoring reports to Regional Office of MoEFCC, MPCB and CPCB. Hence the condition has been complied.
xiii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, should also be put on the website of the company along with the status of compliance of environmental conditions and should also be sent to the respective Regional Office of the MOEFCC at Nagpur by e-mail.	Environment Statement (Form-V) for 2023-24 submitted to MPCB, Compliance of Environmental Clearance is submitted to Regional Office of the MOEF&CC at Nagpur by e-mail. Hence the condition has been complied.
xiv	The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at	Complied. The project proponent has Published the information of receipt of Environment clearance from MoEFCC in newspaper as per guidelines provided in Local newspaper Dainik Krushiwal,

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
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MTPA Coke oven plant and By-product plant located at Geetapuram, Dolvi from M/s. Dolvi Coke Projects
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(October 2024 to March 2025)**

	Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one should be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Nagpur.	Raigad Times, Ramprahar dated August 30, 2015 and English newspaper Indian Express dated September 01, 2015.
xv	Project authorities should inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied. All the information of stages of development of projects are submitted to regional Office, MOEF&CC, Nagpur along with six monthly compliance report.
14	M/s. Dolvi Coke Projects Ltd shall abide by all the commitments and recommendations made in the EIA /EMP report and that during presentation to the EAC; commitments made during the Public Hearing held on 28/01/2014 for integrated steel plant	JSW Shall comply the Conditions as per the commitments made during Public Hearing.
15	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
16	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
17	The PP shall ensure no change in the pollution load; and no conflict in sharing in common facilities in day to day operations.	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel shall not change the pollution load.
18	All the liabilities regarding environmental issues of Coke Ovens including by-product plant will be the responsibility of the new company i.e. Dolvi Coke Projects Limited	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel Ltd shall comply to all the Environmental issues of Coke Oven plant II
19	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel Ltd shall regularly be complying for • The water (Prevention& Control of Pollution)

**Compliance Report to Conditions stipulated in Environment Clearance
for Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No.
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	(Protection) Act 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the Public (Insurance) Liability Act 1991 along with their amendments and Rules.	Act 1974, • The Air (Prevention and Control of Pollution) Act, 1981 • The Environment (Protection) Act 1986 • The Public Liability Insurance Act, 1991 along with their amendments and rules. Hence the condition has been complied.
20	This Environmental Clearance is partial modification of the J-11011/76/2013-IA II (I) dated 25th August 2015.	The project proponent has acknowledged the same.
21	Any appeal against this EC shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green tribunal Act 2010.	The project proponent has acknowledged it and shall compile with the same.

Annexure I

Environment Monitoring Report for the period
October 2024 to March 2025 for plants under
Phase 1 & 2



JSW Steel Limited

Dolvi Works:
Geetapuram,
Dolvi, Taluka - Pen,
Dist. Raigad - 402 107. Maharashtra, India.
CIN : L27102MH1994PLC152925
Phone : +91 2143 663000/3100/3200
Fax : +91 2143 277533/42
Website : www.jsw.in

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-400 051.

Regd. Office: JSW Centre,
Bandra Kurla Complex,
Bandra (East), Mumbai - 400 051.
Phone : +91 22 4286 1000
Fax : +91 22 4286 3000



JINDAL 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.	PARAMETERS	UNIT	VALUES					
No.			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	°C	27.2	27.2	27.2	27.2	27.2	27.2


Prepared By
P. P. Nandusekar
Manager (Environment)


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
P. P. Nandusekar
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


Prepared By
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Manager (Environment)


Checked By
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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
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 Scéen 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


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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

Prepared By

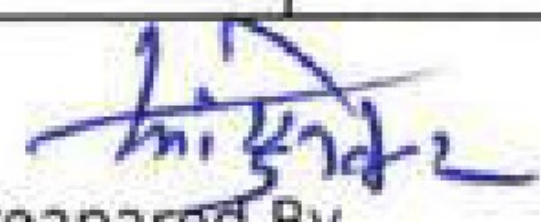
 Dr. P. P. Nandusekar
 Manager (Environment)

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
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
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
I	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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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
						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

*NA-Not Applicable

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

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JSW STEEL LIMITED
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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 dismantled In April - 15/4/2023						
								CPCB Norms		<100	NA	50.00

*NA-Not Applicable

Plant Capacity: 0.44 MTPA												
II Lime Calcination Plant				Shut Down								
1	Lime Stone De-dusting system stack for Kiln I & II	Lime Stone Hopper	41.5	0.825	Bag Filters	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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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 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
						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 Filters	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

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 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
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	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 Filters	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 Filters	04/10/24 16:32 Hrs	613	6	21	NA	NA	NA
						11/11/24 12:25 Hrs	580	6	15	NA	NA	NA

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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
						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

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
9	Lime Stone De-dusting system stack for Kiln IV	Lime Stone Dedusting System	35	1.4	Bag Filters	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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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)	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	9	24.0	14.7	31
						23/11/24 15:15 Hrs	4189.0	13	16.4	18.9	19.2
						24/12/24 16:45 Hrs	4023.0	11	23.1	25.1	29
						04/01/25 16:15Hrs	3504.0	12	16.0	19.0	33
						12/02/25 10:45Hrs	4089.0	13	16.0	19.0	33
						06/03/25 15:55Hrs	2709.0	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	26	NA	NA	NA
						23/11/24 12:05 Hrs	4189.0	26	NA	NA	NA
						24/12/24 09:45 Hrs	4023.0	29	NA	NA	NA
						04/01/25 14:22Hrs	3504.0	27	NA	NA	NA
						12/02/25 12:05Hrs	4089.0	29	NA	NA	NA
						26/03/25 10:15Hrs	4128.0	33	NA	NA	NA
3	Screen Dust Collector Stack C304	Product screen Area	30	0.9	Venturi Scrubber	22/10/24 16:30 Hrs	4177.0	23	NA	NA	NA
						23/11/24 16:15 Hrs	4189.0	23	NA	NA	NA
						25/12/24 12:15 Hrs	3989.0	27	NA	NA	NA
						04/01/25 12:25Hrs	3504.0	28	NA	NA	NA
						28/02/25 10:25Hrs	4099.0	32	NA	NA	NA
						26/03/25 14:05Hrs	4128.0	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	29	NA	NA	NA
						25/11/24 11:25 Hrs	4196.0	32	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
						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

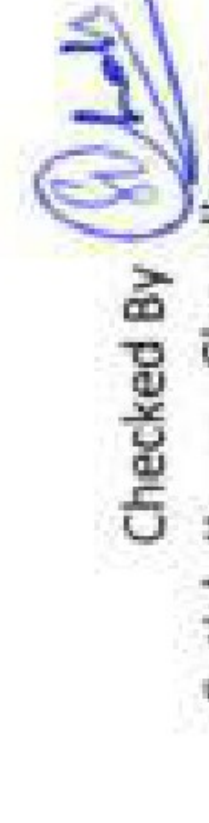
IV Blast Furnace Plant

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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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
						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

**NA-Not Applicable

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

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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
6	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	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
						19/10/24 16:30 Hrs	170.0	8	16	24	17	25
7	Coal Injection Plant	Coal Injection Unit	60.5	1.7	Bag Filters	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
						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

V	Sinter Plant -I	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
1							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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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
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

*NA-Not Applicable

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

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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
						04/02/25 11:00Hrs	6807	12	33	NA	NA	NA
						12/03/25 12:20 Hrs	6250	10	31	NA	NA	NA

*NA-Not Applicable

V1 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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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
						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 14/11/24 12:05 Hrs 20/12/24 10:20 Hrs 17/01/25 10:00Hrs 13/02/25 12:05Hrs 17/03/25 14:15Hrs	8167 7487 8391 8383 8446 8078	6 6 6 6 10 10	16 19 22 20 17 13	NA NA NA NA NA NA	NA NA NA NA NA NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	26/10/24 15:25 Hrs 14/11/24 15:15 Hrs 20/12/24 12:25 Hrs 17/01/25 12:10Hrs 13/02/25 14:30Hrs 22/03/25 10:25Hrs	8167 7487 8391 8383 8446 8350	6 7 5 5 11 11	17 22 24 22 19 18	NA NA NA NA NA NA	NA NA NA NA NA NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	26/10/24 10:35 Hrs 14/11/24 16:35 Hrs 20/12/24 15:25 Hrs 17/01/25 15:00Hrs 14/02/25 10:20Hrs 17/03/25 15:15Hrs	8167 7487 8391 8383 8290 8078	6 7 6 6 10 10	22 29 28 25 16 15	NA NA NA NA NA NA	NA NA NA NA NA NA

*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
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				

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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	NO _x	CO
VIII Billet Caster & Bar Mill (1.5 & 1.4 MTPA)												
1	Billet Caster Stack	Ladle Heating Furnace	80	2.0	Fume extraction system	29/10/24 12:35 Hrs 22/11/24 16:45 Hrs 27/12/24 12:15 Hrs 13/01/25 12:25Hrs 19/02/25 12:35Hrs 06/03/25 14:05Hrs	2745 2797 2783 2244 2384 3573	8 8 7 7 7 7	16 18 12 16 16 16	13 14 12 14 14 14	18 16 16 17 17 17	20 19 18 21 21 21
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	29/10/24 10:20 Hrs 22/11/24 14:25 Hrs 27/12/24 15:30 Hrs 13/01/25 10:20Hrs 19/02/25 10:05Hrs 06/03/25 12:15Hrs	1962 1812 2950 3590 3645 3502	16 14 16 17 15 15	9 11 9 10 12 12	17 15 12 14 14 14	28 25 19 19 19 19	38 42 31 35 35 35
									<50	NA	NA	NA
									CPCB Norms			

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 20/11/24 16:25 Hrs 07/12/24 16:25 Hrs 17/01/25 12:10Hrs 20/02/25 14:25Hrs 05/03/25 16:00Hrs	6714 7572 5933 7521 7272 7353	10 11.5 10.8 12.3 10.5 10.5	43 45 43 39 42 45	122 131 128 108 108 108	136 142 136 128 128 128	148 166 152 141 141 141
2	Coke Oven Battery Pushing Side	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	07/10/24 11:30 Hrs 20/11/24 10:35 Hrs 07/12/24 10:25 Hrs 17/01/25 16:30Hrs	6714 7572 5933 7521	7.2 7.8 7.8 5	16 11 14 10	NA NA NA NA	NA NA NA NA	NA 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 MT/h)	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
						11/10/24 12:05 Hrs	7561.0	5.9	16	NA	NA	NA
						21/11/24 10:15 Hrs	7482.0	4.2	17	NA	NA	NA
4	Coal Crushing	Coal Crushing de dusting	19.5	1.5	Bag Filters	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
						11/10/24 10:00 Hrs	7561.0	6.8	18	NA	NA	NA
						21/11/24 12:25 Hrs	7482.0	5.9	20	NA	NA	NA
5	Coke Cutting	Coke Cutting de dusting	25	1.8	Bag Filters	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
						11/10/24 14:35 Hrs	7561.0	7.0	16	NA	NA	NA
						21/11/24 15:45 Hrs	7482.0	6.8	23	NA	NA	NA
6	Coke Bunker	Coke Bunker	30	2.5	Bag Filters	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
						17/10/24 12:10 Hrs	270.0	7	14	12	18	28
						04/11/24 14:15 Hrs	250.0	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 MSE/B 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	23	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	43	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	30	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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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	17.59	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.

Prepared 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 MSEEE 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	15.46	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.

Prepared 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 Kusumata 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		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	Showing NA due to the painting work is done. analyzer under observation.	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		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	Showing NA due to the analyzer maintenance under observation.	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	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	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	91	6.79	42.31	0.91	
Max (µg/m3)	59	96	0	20	2	58	95	9	25	2	60	55	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	38	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	52	7	19	1	48	89	####	9	2	54	88	7	43	1	
Standards	60	100	80	80	4	60	100	80	80	4	60	130	80	80	4	60	100	80	80	4	60	100	80	80	4	

Showing NA due to the Processor card Under observation.

Prepared 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

Prepared 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 Gas Gate					Near MSEB Substation					Near Dohvi 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	0.93	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	0.93	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/m)	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

Prepared By

Dr.P.P.Nandusekar

Manager (Environment)

Checked By

Satish Kumar Choudhary

General Manager (Environment)



JSW Steel Limited

Dolvi Works:

Geetapuram,
Dolvi, Taluka - Pen,
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Phone : +91 2143 663000/3100/3200
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BY COURIER

May 28, 2024

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: 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 Phase II Lime calcination plant 5,6,7 Hot Strip Mill Plant-II, Steel Melt Shop -II Blast Furnace Plant-II, Pellet plant -II 175 MW Captive Power Plant, Incineration 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
Integrated Steel Mill Complex Phase II
Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

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 (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NO _x	CO
1	Lime Calcination Plant 5,6,7								Plant Capacity: 3600 TPD			
									Shut Down			
1	Kiln -5 Stack	WHR System Kiln 5	62	1.4	Bag Filters	23/11/24 10:35 Hrs	421	14	22	12	16	19
						27/12/24 10:25 Hrs	569	12	26	11	18	21
						27/01/25 10:15 Hrs	440	14	22	13	17	23
						26/02/25 10:35 Hrs	216	14	18	14	18	23
						28/03/25 10:05 Hrs	493	13	19	10	15	18
2	Kiln -6 Stack	WHR System Kiln 6	62	1.4	Bag Filters	25/10/24 14:15 Hrs	444	12	26	10	16	21
						23/11/24 12:15 Hrs	233	14	26	10	16	21
						27/12/24 12:05 Hrs	412	15	28	13	17	24
						27/01/25 12:20 Hrs	253	16	18	10	15	19
						26/02/25 12:15 Hrs	385.0	13	22	13	15	19
3	Kiln -7 Stack	WHR System Kiln 7	62	1.4	Bag Filters	28/03/25 12:15 Hrs	395	15	24	13	17	23
						25/10/24 16:25 Hrs	578	14	19	12	18	25
						23/11/24 15:05 Hrs	423	12	19	12	18	25
						27/12/24 15:35 Hrs	596	14	23	11	16	19
						27/01/25 15:00 Hrs	450	15	23	12	16	21
4	LDE-1 (Kiln discharge - product)	common for kiln 5,6,7	35	1.2	Bag Filters	26/02/25 15:22 Hrs	469	12	25	11	16	25
						28/03/25 14:25 Hrs	493	12	23	15	19	26
						25/10/24 10:00 Hrs	1022	5	13	NA	NA	NA
						21/11/24 10:00 Hrs	1002	5	13	NA	NA	NA
						26/12/24 10:15 Hrs	1290	4	16	NA	NA	NA
						21/01/25 10:25 Hrs	534	6	14	NA	NA	NA
						05/02/25 11:25 Hrs	778	4	12	NA	NA	NA
						28/03/25 16:35 Hrs	1381	6	13	NA	NA	NA


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


Checked By
Satish Kumar Choudhary
General Manager Environment

JSW STEEL LIMITED
Integrated Steel Mill Complex Phase II
Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

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	P-roduction fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NO _x	CO
5	LDE-2 (Kiln feed building - raw material)	common for kiln 5,6,7	37	1.75	Bag Filters	21/11/24 14:15 Hrs	1002	5	16	NA	NA	NA
						15/12/24 10:35 Hrs	1163	4	18	NA	NA	NA
						18/01/25 15:35 Hrs	1240	4	16	NA	NA	NA
						22/02/25 10:35 Hrs	1291	5	11	NA	NA	NA
						15/03/25 14:45 Hrs	995	4	15	NA	NA	NA
						Shut Down						
6	LDE-3 (Junction house - raw material)	common for kiln 5,6,7	30	0.65	Bag Filters	21/11/24 15:15 Hrs	1002	4	13	NA	NA	NA
						26/12/24 12:35 Hrs	1290	4	15	NA	NA	NA
						21/01/25 14:10 Hrs	534	4	15	NA	NA	NA
						05/02/25 14:18 Hrs	778	4	16	NA	NA	NA
						15/03/25 10:35 Hrs	995	4	16	NA	NA	NA
						25/10/24 12:35 Hrs	1022	5	17	NA	NA	NA
7	LDE-4 (Product storage building)	common for kiln 5,6,7	35	1.35	Bag Filters	21/11/24 12:05 Hrs	1002	5	18	NA	NA	NA
						26/12/24 16:25 Hrs	1290	5	19	NA	NA	NA
						21/01/25 16:25 Hrs	534	4	17	NA	NA	NA
						05/02/24 16:05 Hrs	778	4	18	NA	NA	NA
						15/03/25 12:05 Hrs	995	4	14	NA	NA	NA
						Shut Down						
8	LDE-5 (Raw material storage building)	common for kiln 5,6,7	33	1.04	Bag Filters	23/11/24 16:45 Hrs	1077	4	14	NA	NA	NA
						15/12/24 12:25 Hrs	1163	6	12	NA	NA	NA
						18/01/25 11:25 Hrs	1240	5	14	NA	NA	NA
						22/02/25 14:40 Hrs	1291.0	6	13	NA	NA	NA
						15/03/25 16:45 Hrs	995	4	13	NA	NA	NA
						Norms						
									50	400	500	

Prepared By

 Dr. P. P. Nandusekar
 Manager (Environment)

Checked By

 Satish Kumar Choudhary
 General Manager Environment

JSW STEEL LIMITED
Integrated Steel Mill Complex Phase II
Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

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 (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NO _x	CO
II Pellet Plant II												
1	Process ESP Stack	Process ESP	100	9.7	Electrostatic Precipitators	01/10/24 14:25 Hrs	17147	22	31	17	26	36
						22/11/24 14:35 Hrs	19738	19	28	15	18	28
						25/12/24 10:25 Hrs	20121	22	34	18	21	42
						20/01/25 10:35 Hrs	18722	18	28	16	24	38
						24/02/25 10:40 Hrs	20853	36	28	23	28	33
						17/03/25 10:25 Hrs	19366	23	33	16	23	42
						01/10/24 16:15 Hrs	17147	16	16	16	21	25
2	De Dusting ESP Stack	De Dusting ESP	50	2.6	Electrostatic Precipitators	22/11/24 14:35 Hrs	19738	19	28	15	18	28
						25/12/24 12:35 Hrs	20121	15	16	15	16	24
						20/01/25 14:15 Hrs	18722	14	19	14	18	21
						24/02/25 12:20 Hrs	20853	15	18	16	19	28
						17/03/25 12:35 Hrs	19366	10	17	13	16	20
						Shut Down						
						22/11/24 16:15 Hrs	19738	14	15	13	19	22
3	Storage Bin Stack	Pellet Storage Bin	45	2.2	Bag Filters	25/12/24 16:15 Hrs	20121	6	18	NA	NA	NA
						20/01/25 16:00 Hrs	18722	6	16	NA	NA	NA
						24/02/25 15:30 Hrs	20853	6	14	NA	NA	NA
						17/03/25 15:45 Hrs	19366	7	17	NA	NA	NA
						Normal						
						Plant Capacity: 6.0 MTPA						
						05/10/24 11:15Hrs	11347	12	26	16	20	25
1	Secondary De-Dusting Stack	Secondary De Dusting System	98.5	8	Bag Filters	09/11/24 11:25 Hrs	15116	11	28	14	17	23
						24/12/24 16:45 Hrs	12663	14	33	15	18	21
						20/01/25 11:30 Hrs	15338	20	28	17	19	24
						09/02/25 11:22 Hrs	15981	20	26	18	24	28
						18/03/25 10:35 Hrs	10292	23	28	15	21	29
						Normal						
						Plant Capacity: 6.0 MTPA						
III SMS -2												
*NA-Not Applicable												
*NA-Not Applicable												

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JSW STEEL LIMITED
Integrated Steel Mill Complex Phase II
Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

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 (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NOx	CO
Plant Capacity: 5.0 MTPA												
IV	HSM Plant-2											
1	Reheating Furnace Stack -1	Reheating Furnace	82	3.98	blower	04/10/24 10:25Hrs	5775	12	11	14	16	23
						05/11/24 10:05 Hrs	8722	13	14	16	18	21
						21/12/24 10:15 Hrs	11256	14	16	15	21	28
						02/01/25 10:25 Hrs	8510	14	10	14	18	31
						12/02/25 10:20 Hrs	13689	14	10	15	20	24
						11/03/25 11:35 Hrs	13428	15.9	12	12	15	19
						04/10/24 12:35Hrs	5775	13.8	13	16	19	26
						05/11/24 12:15 Hrs	8722	10.2	15	12	16	25
						21/12/24 12:35 Hrs	11256	12	18	16	19	21
						02/01/25 12:15 Hrs	8510	14	12	14	15	23
						12/02/25 12:00 Hrs	13689	15	9	13	17	26
						11/03/25 12:05 Hrs	13428	15	10	13	17	21
						04/10/24 16:45Hrs	5775	7	12	13	17	28
						05/11/24 15:25 Hrs	8722	6	10	10	14	22
						21/12/24 15:25 Hrs	11256	7	13	12	14	18
						02/01/25 16:35 Hrs	8510	7	10	10	17	22
						12/02/25 16:15 Hrs	13689	6	9	10	16	20
						11/03/25 14:30 Hrs	13428	7	11	11	16	22
							Norms		50.0	500.0	500	
V	Blast Furnace Plant (II)											
Plant Capacity: 2.8 MTPA												
1	Cast House Dedusting System	Cast House	71	6.4	Bag Filters	05/10/24 10:25 Hrs	10896	19.0	19	NA	NA	NA
						19/11/24 10:25 Hrs	13989	17.5	25	NA	NA	NA
						19/12/24 10:05 Hrs	8963	19	25	NA	NA	NA
						22/01/25 10:15 Hrs	10031	22	28	NA	NA	NA
						02/02/25 11:05 Hrs	14266	20	17	NA	NA	NA
						18/03/25 12:45 Hrs	13918	23	26	NA	NA	NA


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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 (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NO _x	CO
2	Stock House De System Stack-1	Stock House	71	6.25	Bag Filters	14/10/24 10:45 Hrs	3012	15	25	NA	NA	NA
						19/11/24 12:05 Hrs	13989	15	28	NA	NA	NA
						19/12/24 12:00Hrs	3953	16	33	NA	NA	NA
						22/01/25 12:20 Hrs	10031	17	36	NA	NA	NA
						23/02/25 14:35 Hrs	14515	26	21	NA	NA	NA
						19/03/25 14:30 Hrs	13952	18	33	NA	NA	NA
3	Stock House De System Stack-2	Stock House	45	2.7	Bag Filters	14/10/24 11:55 Hrs	3012	10	22	NA	NA	NA
						19/11/24 15:45 Hrs	13989	13	21	NA	NA	NA
						19/12/24 14:25 Hrs	3953	10	25	NA	NA	NA
						22/01/25 15:00 Hrs	10031	12	24	NA	NA	NA
						23/02/25 12:15 Hrs	14515	9	26	NA	NA	NA
						19/03/25 12:30 Hrs	13952	13	25	NA	NA	NA
4	Stock House De System Stack-3	Stock House	45	1.35	Bag Filters	14/10/24 14:30 Hrs	9012	8	20	NA	NA	NA
						20/11/24 10:15 Hrs	14016	8	16	NA	NA	NA
						19/12/24 16:25 Hrs	3963	7	18	NA	NA	NA
						22/01/25 16:30 Hrs	10031	8	21	NA	NA	NA
						23/02/25 16:25 Hrs	14515.0	5	24	NA	NA	NA
						19/03/25 10:00 Hrs	13952	7	26	NA	NA	NA
5	Coal Injection Stack	Coal Grinding Unit	72.5	2.8	Bag Filters	05/10/24 14:35 Hrs	10896	7	16	NA	NA	NA
						20/11/24 12:25 Hrs	14016	7	18	NA	NA	NA
						23/12/24 12:25 Hrs	13521	8	21	NA	NA	NA
						25/01/25 10:30 Hrs	9821	8	26	NA	NA	NA
						03/02/25 10:28 Hrs	14038.0	7	17	NA	NA	NA
						20/03/25 10:40 Hrs	13815	8	28	NA	NA	NA
6	Pig Iron Granulation Stack	Pig Iron Granulation	35	1	Bag Filters	05/10/24 16:55 Hrs	10896	6	13	NA	NA	NA
						20/11/24 16:00 Hrs	14016	4	14	NA	NA	NA
						23/12/24 15:35 Hrs	13521	6	16	NA	NA	NA
						25/01/25 12:15 Hrs	9821	4	12	NA	NA	NA
						03/02/25 14:45 Hrs	14038	5	7	NA	NA	NA
						20/03/25 12:30 Hrs	13815	6	15	NA	NA	NA

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JSW STEEL LIMITED
Integrated Steel Mill Complex Phase II
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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 (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm ³ as per MPCB Consent			
									Particulate Matter (PM)	SO ₂	NO _x	CO
							Norms		50.00			
						08/10/24 16:10 Hrs	10896	14	11	19	23	38
						25/11/24 11:00 Hrs	14012	15	9	17	19	31
						24/12/24 15:35 Hrs	13564	16	10	15	21	38
						25/01/25 16:20 Hrs	9821	15	11	16	19	41
						02/02/25 15:25 Hrs	14266	17	10	18	21	32
						18/03/25 14:05 Hrs	13918	14	12	15	17	33
							Norms		30.00	250.00	200.00	
VI 175 MW CPP												
						08/10/24 12:10 Hrs	1066	12	11	14	16	29
						25/11/24 14:10 Hrs	982	14	8	16	19	26
						24/12/24 10:25 Hrs	884	14	9	15	21	28
						03/01/25 16:25 Hrs	723	12	10	14	18	26
						09/02/25 15:00 Hrs	1026	10	4	16	19	26
						27/03/25 11:45 Hrs	1100	16	5	16	18	25
							Norms		50.0	NA	NA	
*NA-Not Applicable												
Incinerator Plant												
						29/10/24 15:15 Hrs	4035	7.2	14	NA	NA	NA
						25/11/24 16:20 Hrs	4033	6.8	17	NA	NA	NA
						24/12/24 12:25 Hrs	2119	6.8	11	NA	NA	NA
						03/01/25 12:25 Hrs	4106	5.6	14	NA	NA	NA
						14/02/25 14:32 Hrs	4254	4.3	14	NA	NA	NA
						27/03/25 12:05 Hrs	3753	6.6	20	NA	NA	NA
							Norms		50.0	300.0	400	

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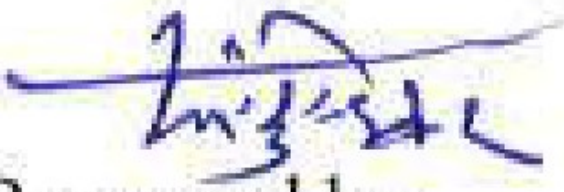
FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parmeters (µg/m 3)		
			PM10	SO ₂	NO _x
A	Steel Melt Shop -II				
	Norms (µg/m 3)		2000	200	150
1	Near Convertor 1&2	05-10-2024	1691	7	48
		23-11-2024	1781	7	45
		25-12-2024	1539	6	25
		20-01-2025	1852	7	27
		20-02-2025	1640	6	30
		21-03-2025	1870	7	30
2	Near LF	07-10-2024	1730	8	27
		23-11-2024	1740	9	26
		25-12-2024	1498	7	26
		20-01-2025	1870	9	25
		20-02-2025	1197	8	29
		21-03-2025	1759	9	27
3	Near Caster 1&2	05-10-2024	1665	7	30
		23-11-2024	1853	7	27
		25-12-2024	1569	8	22
		20-01-2025	1890	8	27
		21-02-2025	1206	7	25
		21-03-2025	1816	7	29
4	Near Secondary De-dusting Bag House	07-10-2024	1857	8	27
		23-11-2024	1756	6	30
		25-12-2024	1608	5	19
		20-01-2025	1776	7	30
		21-02-2025	1866	7	32
		21-03-2025	1604	6	32
5	Near ESP	07-10-2024	1647	7	19
		25-11-2024	1741	6	19
		26-12-2024	1575	6	25
		21-01-2025	1639	7	22
		21-02-2025	1865	6	28
		22-03-2025	1638	7	24
6	Near Slag Handling Unit	08-10-2024	1742	7	23
		25-11-2024	1716	8	23
		26-12-2024	1605	6	23
		21-01-2025	1696	8	24


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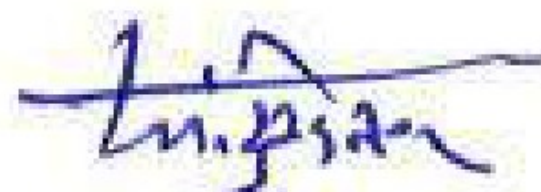
FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters (µg/m ³)		
			PM10	SO ₂	NO _x
		21-02-2025	1733	6	27
		22-03-2025	1831	8	28
B	Blast Furnace Plant-II				
	Norms (µg/m ³)		2000	200	150
1	Near Stock House De System	04-10-2024	1855	6	24
		27-11-2024	1898	6	25
		28-12-2024	1731	6	25
		23-01-2025	1854	6	25
		22-02-2025	1837	6	23
		25-03-2025	1855	6	24
2	Near GCP Area	04-10-2024	1710	7	32
		27-11-2024	1852	7	29
		28-12-2024	1455	8	29
		23-01-2025	1834	6	30
		24-02-2025	1697	7	29
		25-03-2025	1606	6	27
3	Near Cast House De System	05-10-2024	1810	8	32
		27-11-2024	1802	9	34
		28-12-2024	1603	8	22
		23-01-2025	1884	8	35
		22-02-2025	1839	8	34
		25-03-2025	1890	8	35
4	Near Cast House East	04-10-2024	1898	7	30
		27-11-2024	1809	6	29
		28-12-2024	1601	6	20
		23-01-2025	1794	7	24
		22-02-2025	1590	6	27
		25-03-2025	1709	8	23
5	Near Cast House West	04-10-2024	1782	7	27
		28-11-2024	1757	6	32
		28-12-2024	1549	6	25
		24-01-2025	1764	8	25
		24-02-2025	1668	7	26


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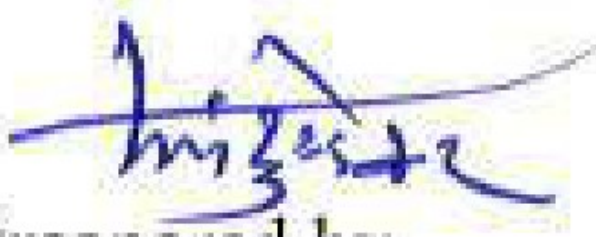
FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters (µg/m ³)		
			PM10	SO ₂	NO _x
		26-03-2025	1767	8	29
6	Near PCI-2	05-10-2024	1879	6	22
		28-11-2024	1823	4	22
		30-12-2024	1227	5	23
		24-01-2025	1617	5	23
		22-02-2025	1761	6	24
		26-03-2025	1644	6	22
7	Near Pig Granulation Plant	05-10-2024	1712	5	26
		28-11-2024	1833	5	27
		30-12-2024	1208	4	26
		24-01-2025	1791	6	24
		24-02-2025	1694	5	25
		26-03-2025	1613	5	26
C	Hot Strip Mill-II				
	Norms (µg/m³)		2000	200	150
1	Near Reheating Furnace 1&2	07-10-2024	1799	5	29
		25-11-2024	1839	6	31
		26-12-2024	1461	5	31
		21-01-2025	1788	6	31
		20-02-2025	1359	5	29
		22-03-2025	1820	5	30
2	Near down Coiler	08-10-2024	1834	7	27
		25-11-2024	1686	7	29
		26-12-2024	1686	7	32
		21-01-2025	1610	6	19
		20-02-2025	1610	6	29
		22-03-2025	1778	8	22
D	LCP -567				
	Norms (µg/m³)		2000	200	150
1	Near Lkn 5 6 7 Lime De dusting System area	01-10-2024	1983	6	25
		26-11-2024	1850	6	24
		27-12-2024	1535	7	24
		22-01-2025	1721	6	26
		19-02-2025	1782	7	28
		24-03-2025	1689	6	27
2	Near Product Storage & Quick Lime Building	01-10-2024	1898	7	21
		26-11-2024	1814	6	25
		27-12-2024	1258	4	19
		22-01-2025	1791	7	23
		19-02-2025	1873	6	24


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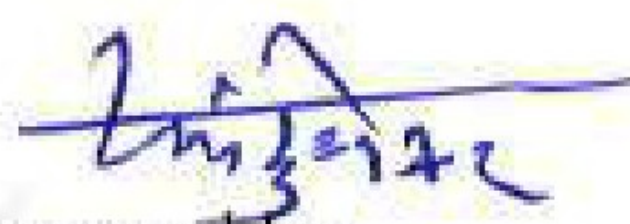
FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters ($\mu\text{g}/\text{m}^3$)		
			PM10	SO ₂	NO _x
		24-03-2025	1881	7	24
3	Lime Stone Feeding Building LCP - 567	01-10-2024	1858	7	31
		26-11-2024	1773	7	28
		27-12-2024	1588	7	17
		22-01-2025	1873	6	29
		19-02-2025	1812	6	30
		24-03-2025	1679	7	28
4	Near ECR Building	01-10-2024	1870	6	32
		26-11-2024	1809	7	29
		27-12-2024	1420	6	21
		22-01-2025	1827	6	21
		19-02-2025	1867	5	23
		24-03-2025	1684	6	23
E	Pellet Plant -II				
	Norms ($\mu\text{g}/\text{m}^3$)		2000	200	150
1	Near Additive Storage Yard	08-10-2024	1966	8	24
		29-11-2024	1797	8	21
		30-12-2024	1427	7	21
		25-01-2025	1739	8	27
		25-02-2025	1515	8	29
		27-03-2025	1678	8	26
2	Near VRM at Zero Level	09-10-2024	1837	6	22
		29-11-2024	1796	6	27
		30-12-2024	1426	7	21
		25-01-2025	1820	6	23
		25-02-2025	1899	5	25
		27-03-2025	1465	7	25
3	Near Mixer Bulding	08-10-2024	1792	9	30
		29-11-2024	1837	9	32
		30-12-2024	1269	7	19
		25-01-2025	1849	9	29
		25-02-2025	1741	7	29
		27-03-2025	1892	9	26
4	Near Induration Machine at Zero Level	09-10-2024	1623	8	35
		29-11-2024	1757	9	36
		31-12-2024	1572	7	32
		25-01-2025	1823	9	25
		25-02-2025	1744	7	28
		27-03-2025	1733	9	27
		09-10-2024	1912	7	27
		30-11-2024	1849	6	29


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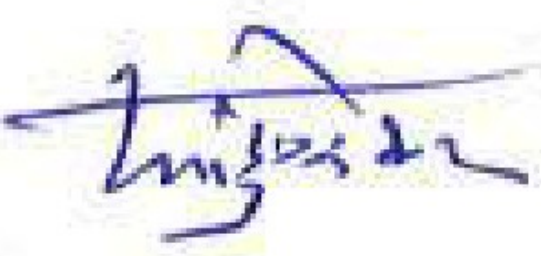
FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parameters ($\mu\text{g}/\text{m}^3$)		
			PM10	SO ₂	NO _x
5	Near De dusting ESP area	31-12-2024	1479	6	29
		27-01-2024	1763	7	31
		26-02-2025	1471	6	28
		28-03-2025	1589	7	29
6	Near Product Storage Bulding	09-10-2024	1864	7	28
		30-11-2024	1864	7	30
		31-12-2024	1633	7	30
		27-01-2024	1848	7	31
		26-02-2025	1777	7	32
		28-03-2025	1870	6	32


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D. STATUS OF CONSENT:

S. No.	Acts	Consent Number	Valid w. e. f.	Validity upto
1	Under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974 Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and authorisation under rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules, 2016	JSW Steel plant - Integreated Steel Plant Capacity 5 to 10 MTPA Fomat 1.0/CAC / UAN No.- 0000204020/CR/250300 1220 dated 08/03/2025	01/05/2022	30-04-2028.


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E. NOISE POLLUTION CONTROL STATUS:

Sr.No	Location	Distance from the Source (m)	Date of Monitoring	Noise Level Leq. dB(A)	
				Day dB(A)	Night dB(A)
A	Hot Strip Mill-II				
1	Near Reheating Furnace -1	5	15-10-2024	83	81
			23-10-2024	82	80
			08-11-2024	82	80
			21-11-2024	81	79
			12-12-2024	84	82
			27-12-2024	83	81
			08-01-2025	81	80
			20-01-2025	82	80
			07-02-2025	82	80
			17-02-2025	81	79
			08-03-2025	81	80
2	Near Reheating Furnace-2	5	26-03-2025	82	80
			15-10-2024	80	78
			23-10-2024	78	77
			08-11-2024	80	78
			21-11-2024	79	77
			12-12-2024	81	73
			27-12-2024	79	78
			08-01-2025	79	77
			20-01-2025	78	76
			07-02-2025	80	78
			17-02-2025	79	77
3	Near CA fan Reheating Furnace-1	5	08-03-2025	79	77
			26-03-2025	78	76
			15-10-2024	83	79
			23-10-2024	81	78
			08-11-2024	82	79
			21-11-2024	81	80
			12-12-2024	84	80
			27-12-2024	82	79
			08-01-2025	81	80
			20-01-2025	82	81
			07-02-2025	82	79
4	Near CA fan Reheating Furnace-2	5	17-02-2025	81	80
			08-03-2025	81	80
			26-03-2025	82	81
			15-10-2024	82	76
			23-10-2024	80	78
			08-11-2024	80	76
			21-11-2024	79	75
			12-12-2024	83	77
			27-12-2024	81	79
			08-01-2025	82	78
			20-01-2025	80	80
5	Near Hydrlic room Reheating furnace -1	5	07-02-2025	80	76
			17-02-2025	79	75
			08-03-2025	82	78
			26-03-2025	80	80
			15-10-2024	72	70
			23-10-2024	74	70
			08-11-2024	72	69
			21-11-2024	74	67
			12-12-2024	73	71
			27-12-2024	75	72
			08-01-2025	73	70
			20-01-2025	75	72
			07-02-2025	72	69
			17-02-2025	74	67
			08-03-2025	73	70
			26-03-2025	75	72


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 Manager (Environment)

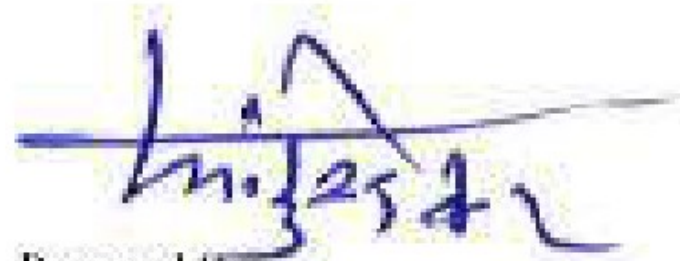

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6	Near Hydraulic room Refracting furnace -2	5	15-10-2024	79	77
			23-10-2024	81	79
			08-11-2024	79	77
			21-11-2024	81	79
			12-12-2024	80	78
			27-12-2024	82	80
			08-01-2025	80	75
			20-01-2025	82	80
			07-02-2025	79	77
			17-02-2025	81	79
			08-03-2025	80	75
			26-03-2025	82	80
7	Near Refracting furnace control room	5	15-10-2024	78	75
			23-10-2024	80	73
			08-11-2024	77	75
			21-11-2024	79	73
			12-12-2024	79	76
			27-12-2024	81	74
			08-01-2025	78	77
			20-01-2025	80	74
			07-02-2025	77	75
			17-02-2025	79	73
			08-03-2025	78	77
			26-03-2025	80	74
8	Near 7 stand mill	5	15-10-2024	81	74
			23-10-2024	83	80
			08-11-2024	80	74
			21-11-2024	82	80
			12-12-2024	82	75
			27-12-2024	84	81
			08-01-2025	82	76
			20-01-2025	81	78
			07-02-2025	80	74
			17-02-2025	82	80
			08-03-2025	82	76
			26-03-2025	81	78
9	Near Mill control Room	5	15-10-2024	75	73
			23-10-2024	77	75
			08-11-2024	80	74
			21-11-2024	82	80
			12-12-2024	82	75
			27-12-2024	84	81
			08-01-2025	82	76
			20-01-2025	81	78
			07-02-2025	75	73
			17-02-2025	77	75
			08-03-2025	76	74
			26-03-2025	78	76
10	Roll Shop	5	15-10-2024	82	80
			23-10-2024	80	77
			08-11-2024	82	80
			21-11-2024	80	77
			12-12-2024	83	81
			27-12-2024	81	78
			08-01-2025	80	79
			20-01-2025	82	79
			07-02-2025	82	80
			17-02-2025	80	77
			08-03-2025	80	79
			26-03-2025	82	79
11	Near Motor House & ECR (Mill area)	5	15-10-2024	78	75
			23-10-2024	80	74
			08-11-2024	76	75
			21-11-2024	78	74
			12-12-2024	79	76
			27-12-2024	81	75
			08-01-2025	77	76
			20-01-2025	79	75
			07-02-2025	76	75
			17-02-2025	78	74
			08-03-2025	77	76
			26-03-2025	79	75


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12	Near Mesuring House (Mill area)	5	15-10-2024	76	70
			23-10-2024	74	72
			08-11-2024	72	70
			21-11-2024	74	72
			12-12-2024	77	71
			27-12-2024	75	73
			08-01-2025	73	71
			20-01-2025	75	73
			07-02-2025	72	70
			17-02-2025	74	72
			08-03-2025	73	71
			26-03-2025	75	73
13	Near Pulpit down coiler area	5	15-10-2024	71	68
			23-10-2024	73	71
			08-11-2024	71	68
			21-11-2024	73	71
			12-12-2024	72	69
			27-12-2024	74	72
			08-01-2025	72	69
			20-01-2025	74	72
			07-02-2025	71	68
			17-02-2025	73	71
			08-03-2025	72	69
			26-03-2025	74	72
14	Coil yard area.	5	15-10-2024	72	67
			23-10-2024	74	68
			08-11-2024	70	67
			21-11-2024	72	68
			12-12-2024	73	68
			27-12-2024	75	69
			08-01-2025	71	69
			20-01-2025	73	70
			07-02-2025	70	67
			17-02-2025	72	68
			08-03-2025	71	69
			26-03-2025	73	70
B) Steel Melting Shop - II					
1	Near GCP ID fan	5	16-10-2024	75	72
			24-10-2024	74	71
			09-11-2024	75	72
			22-11-2024	74	71
			13-12-2024	76	73
			28-12-2024	75	72
			09-01-2025	75	72
			21-01-2025	74	71
			18-02-2025	75	72
			22-02-2025	74	71
			10-03-2025	75	72
			28-03-2025	74	71
2	Near Bag house of GCP		16-10-2024	70	68
			24-10-2024	71	70
			09-11-2024	70	68
			22-11-2024	71	70
			13-12-2024	71	69


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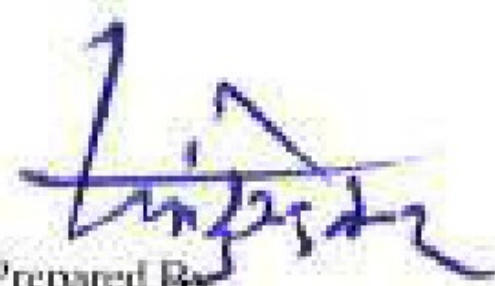

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		5	28-12-2024	72	70
			09-01-2025	70	68
			21-01-2025	71	70
			18-02-2025	70	68
			22-02-2025	71	70
			10-03-2025	70	68
			28-03-2025	71	70
3	Near ESP	5	16-10-2024	82	80
			24-10-2024	81	78
			09-11-2024	82	80
			22-11-2024	81	78
			13-12-2024	83	81
			28-12-2024	82	79
			09-01-2025	82	80
			21-01-2025	81	78
			18-02-2025	82	80
			22-02-2025	81	78
			10-03-2025	82	80
			28-03-2025	81	78
4	Near KR Process control Room	5	16-10-2024	72	71
			24-10-2024	70	68
			09-11-2024	72	71
			22-11-2024	70	68
			13-12-2024	73	70
			28-12-2024	71	69
			09-01-2025	72	71
			21-01-2025	70	68
			18-02-2025	72	71
			22-02-2025	70	68
			10-03-2025	72	71
			28-03-2025	70	68
5	Near Converter I & II	5	16-10-2024	68	66
			24-10-2024	65	67
			09-11-2024	68	66
			22-11-2024	65	67
			13-12-2024	69	66
			28-12-2024	66	64
			09-01-2025	68	66
			21-01-2025	65	67
			18-02-2025	68	66
			22-02-2025	65	67
			10-03-2025	68	66
			28-03-2025	65	67
6	Near SMS2 Control Room	5	16-10-2024	65	63
			24-10-2024	70	68
			09-11-2024	67	65
			22-11-2024	68	70
			13-12-2024	68	65
			28-12-2024	71	69
			09-01-2025	67	65
			21-01-2025	68	70
			18-02-2025	67	65
			22-02-2025	68	70
			10-03-2025	65	63
			28-03-2025	70	68
7	Near LF 1 Control Room	5	16-10-2024	75	73
			24-10-2024	73	71
			09-11-2024	75	73
			22-11-2024	73	71
			13-12-2024	76	74
			28-12-2024	75	72
			09-01-2025	75	73
			21-01-2025	73	71
			18-02-2025	75	73
			22-02-2025	73	71
			10-03-2025	75	73
			28-03-2025	73	71


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8	Near LF 2 Control Room	5	16-10-2024	71	69
			24-10-2024	72	70
			09-11-2024	71	68
			22-11-2024	72	70
			13-12-2024	75	70
			28-12-2024	74	71
			09-01-2025	71	68
			21-01-2025	72	70
			18-02-2025	71	68
			22-02-2025	72	70
			10-03-2025	71	69
			28-03-2025	72	70
			16-10-2024	81	79
			24-10-2024	80	77
9	Near Caster Control Room 1	5	09-11-2024	81	79
			22-11-2024	80	77
			13-12-2024	82	79
			28-12-2024	81	78
			09-01-2025	81	79
			21-01-2025	80	77
			18-02-2025	81	79
			22-02-2025	80	77
			10-03-2025	81	79
			28-03-2025	80	77
			16-10-2024	83	81
			24-10-2024	85	83
			09-11-2024	83	81
			22-11-2024	85	83
10	Near Caster Control Room 2	5	13-12-2024	84	81
			28-12-2024	82	83
			09-01-2025	83	81
			21-01-2025	85	83
			18-02-2025	83	81
			22-02-2025	85	83
			10-03-2025	83	81
			28-03-2025	85	83
			16-10-2024	84	82
			24-10-2024	81	78
			09-11-2024	84	82
			22-11-2024	81	78
			13-12-2024	85	82
			28-12-2024	82	78
11	Near Mould & Segment Repair shop	5	09-01-2025	84	82
			21-01-2025	81	78
			18-02-2025	84	82
			22-02-2025	81	78
			10-03-2025	84	82
			28-03-2025	81	78
			16-10-2024	82	80
			24-10-2024	79	77
			09-11-2024	82	80
			22-11-2024	79	77
			13-12-2024	83	80
			28-12-2024	81	78
			09-01-2025	82	80
			21-01-2025	79	77
12	In Slab Stacking Area	5	18-02-2025	82	80
			22-02-2025	79	77
			10-03-2025	82	80
			28-03-2025	79	77


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C) Lime Calcination Plant - 5, 6, 7					
1	Near Lime Stone Storage De-dusting Stack	5	17-10-2024	78	76
			28-10-2024	76	74
			11-11-2024	78	76
			23-11-2024	76	74
			14-12-2024	82	75
			29-12-2024	79	74
			10-01-2025	79	77
			22-01-2025	77	75
			19-02-2025	79	77
			24-02-2025	77	75
			11-03-2025	78	76
			29-03-2025	76	74
2	Near Lime Storage De-dusting Stack	5	17-10-2024	71	69
			28-10-2024	69	67
			11-11-2024	71	69
			23-11-2024	69	67
			14-12-2024	80	72
			29-12-2024	81	75
			10-01-2025	71	70
			22-01-2025	70	68
			19-02-2025	71	70
			24-02-2025	70	68
			11-03-2025	71	69
			29-03-2025	69	67
3	Near Blower House 1	5	17-10-2024	84	82
			28-10-2024	82	80
			11-11-2024	84	82
			23-11-2024	82	80
			14-12-2024	82	80
			29-12-2024	80	78
			10-01-2025	83	81
			22-01-2025	84	82
			19-02-2025	83	81
			24-02-2025	84	82
			11-03-2025	84	82
			29-03-2025	82	80


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4	Near Blower House 2	5	17-10-2024	81	79
			28-10-2024	80	76
			11-11-2024	81	79
			23-11-2024	80	76
			14-12-2024	83	70
			29-12-2024	81	75
			10-01-2025	82	80
			22-01-2025	81	78
			19-02-2025	82	80
			24-02-2025	81	78
			11-03-2025	81	79
			29-03-2025	80	76
			17-10-2024	72	70
5	Lime stone Vibro Feeder hopper	5	28-10-2024	70	68
			11-11-2024	72	70
			23-11-2024	70	68
			14-12-2024	82	77
			29-12-2024	78	74
			10-01-2025	73	70
			22-01-2025	71	69
			19-02-2025	73	70
			24-02-2025	71	69
			11-03-2025	72	70
			29-03-2025	70	68
			17-10-2024	68	66
			28-10-2024	69	67
6	Near WINCH of Kiln 5, 6, 7	5	11-11-2024	68	66
			23-11-2024	69	67
			14-12-2024	81	78
			29-12-2024	79	72
			10-01-2025	69	67
			22-01-2025	70	68
			19-02-2025	69	67
			24-02-2025	70	68
			11-03-2025	68	66
			29-03-2025	69	67
			17-10-2024	75	73
			28-10-2024	74	72
			11-11-2024	75	73
7	Lime Stone Vibro Feeder hopper De-dusting system	5	23-11-2024	74	72
			14-12-2024	78	71
			29-12-2024	73	70
			10-01-2025	76	74
			22-01-2025	75	73
			19-02-2025	76	74
			24-02-2025	75	73
			11-03-2025	75	73
			29-03-2025	74	72
			17-10-2024	72	70
			28-10-2024	71	68
			11-11-2024	72	70
			23-11-2024	71	68
8	Lime product De-dusting system	5	14-12-2024	75	68
			29-12-2024	72	70
			10-01-2025	73	71
			22-01-2025	72	70
			19-02-2025	73	71
			24-02-2025	72	70
			11-03-2025	72	70
			29-03-2025	71	68


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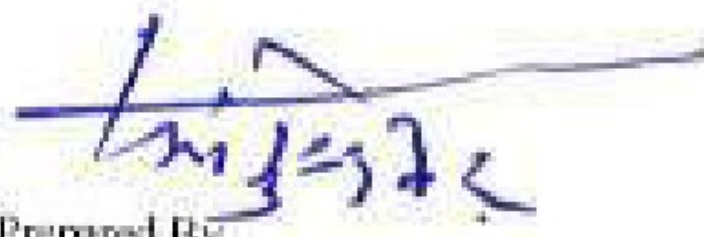
 Satish Kumar Choudhary
 General Manager (Environment)

D)	Blast Furnace - II				
1	Near Stock house Dedusting system	5	17-10-2024	74	71
			28-10-2024	72	69
			11-11-2024	75	72
			25-11-2024	73	70
			14-12-2024	75	72
			29-12-2024	73	70
			10-01-2025	75	72
			22-01-2025	73	70
			20-02-2025	74	71
			25-02-2025	72	69
			11-03-2025	75	72
			29-03-2025	73	70
			17-10-2024	70	70
2	Near SGP Area 1	5	28-10-2024	72	68
			11-11-2024	71	69
			25-11-2024	73	70
			14-12-2024	71	69
			14-12-2024	73	70
			10-01-2025	71	69
			22-01-2025	73	70
			20-02-2025	70	70
			25-02-2025	72	68
			11-03-2025	71	69
			29-03-2025	73	70
			17-10-2024	70	69
			28-10-2024	73	67
3	Near SGP Area 2	5	11-11-2024	71	69
			25-11-2024	74	70
			14-12-2024	71	68
			29-12-2024	74	70
			10-01-2025	71	69
			22-01-2025	74	70
			20-02-2025	70	69
			25-02-2025	73	67
			11-03-2025	71	68
			29-03-2025	74	70
			17-10-2024	83	81
			28-10-2024	80	79
			11-11-2024	84	82
4	Near Cast House Dedusting System	5	25-11-2024	81	78
			14-12-2024	84	82
			29-12-2024	81	79
			10-01-2025	84	82
			22-01-2025	81	78
			20-02-2025	83	81
			25-02-2025	80	79
			11-03-2025	84	82
			29-03-2025	81	79
			17-10-2024	79	77
			28-10-2024	81	80
			11-11-2024	80	78
			25-11-2024	82	80
5	Near GCP area	5	14-12-2024	80	78
			29-12-2024	82	80
			10-01-2025	80	78
			22-01-2025	82	80
			20-02-2025	79	77
			25-02-2025	81	80
			11-03-2025	80	78
			29-03-2025	82	80
			17-10-2024	83	81
			28-10-2024	80	79
			11-11-2024	84	82
			25-11-2024	81	79
			14-12-2024	84	81
6	Near Compressor House	5	29-12-2024	81	79
			10-01-2025	84	82
			22-01-2025	81	79
			20-02-2025	83	81
			25-02-2025	80	79
			11-03-2025	84	81
			29-03-2025	81	79
			17-10-2024	81	80


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7	Near Compressor House	5	28-10-2024	84	82
			11-11-2024	82	80
			25-11-2024	84	82
			14-12-2024	82	80
			29-12-2024	85	82
			10-01-2025	82	80
			22-01-2025	84	82
			20-02-2025	81	80
			25-02-2025	84	82
			11-03-2025	82	80
			29-03-2025	85	82
			17-10-2024	80	78
			28-10-2024	82	80
8	Near Stove Stack	5	11-11-2024	81	79
			25-11-2024	82	81
			14-12-2024	81	79
			29-12-2024	83	80
			10-01-2025	81	79
			22-01-2025	82	81
			20-02-2025	80	78
			25-02-2025	82	80
			11-03-2025	81	79
			29-03-2025	83	80
			17-10-2024	84	82
			28-10-2024	81	78
			11-11-2024	83	80
9	Near Cast House (East)	5	25-11-2024	80	77
			14-12-2024	85	82
			29-12-2024	82	79
			10-01-2025	83	80
			22-01-2025	80	77
			20-02-2025	84	82
			25-02-2025	81	78
			11-03-2025	85	82
			29-03-2025	82	79
			17-10-2024	78	76
			28-10-2024	80	78
			11-11-2024	79	76
			25-11-2024	80	75
10	Near Cast House (West)	5	14-12-2024	79	76
			29-12-2024	81	78
			10-01-2025	79	76
			22-01-2025	80	75
			20-02-2025	78	76
			25-02-2025	80	78
			11-03-2025	79	76
			29-03-2025	81	78
			17-10-2024	79	77
			28-10-2024	82	80
			11-11-2024	78	76
			25-11-2024	79	77
			14-12-2024	80	77
11	Near PCI	5	29-12-2024	83	80
			10-01-2025	78	76
			22-01-2025	79	77
			20-02-2025	79	77
			25-02-2025	82	80
			11-03-2025	80	77
			29-03-2025	83	80


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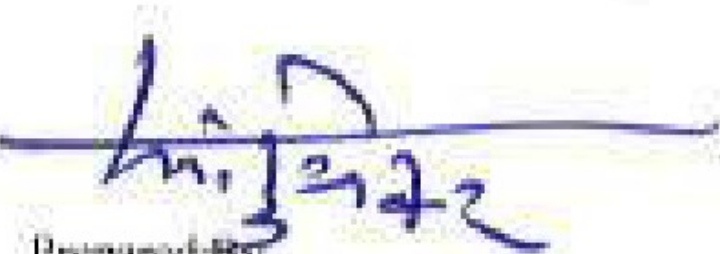
E) Captive Power Plant 245 MW (175 + 70 MW)					
1	Near Boiler Stack	5	18-10-2024	79	77
			29-10-2024	77	75
			12-11-2024	81	77
			26-11-2024	79	75
			16-12-2024	82	78
			30-12-2024	80	76
			11-01-2025	81	77
			23-01-2025	79	75
			15-02-2025	82	78
			26-02-2025	80	76
			12-03-2025	81	77
			30-03-2025	79	75
2	Near DG & Compressor House	5	18-10-2024	70	68
			29-10-2024	73	70
			12-11-2024	72	68
			26-11-2024	73	70
			16-12-2024	73	69
			30-12-2024	74	71
			11-01-2025	72	68
			23-01-2025	73	70
			15-02-2025	73	69
			26-02-2025	74	71
			12-03-2025	72	68
			30-03-2025	73	70
3	Near Steam Turbine Generator	5	18-10-2024	85	83
			29-10-2024	82	80
			12-11-2024	84	83
			26-11-2024	82	80
			16-12-2024	85	84
			30-12-2024	83	81
			11-01-2025	84	83
			23-01-2025	82	80
			15-02-2025	85	83
			26-02-2025	83	81
			12-03-2025	84	83
			30-03-2025	82	80


 Prepared By
 P.P. Nanduskar
 Manager (Environment)

Checked By

 Satish Kumar Choudhary
 General Manager (Environment)

4	Inside Control Room	5	18-10-2024	65	64
			29-10-2024	68	65
			12-11-2024	66	65
			26-11-2024	67	66
			16-12-2024	67	65
			30-12-2024	68	64
			11-01-2025	66	65
			23-01-2025	67	66
			15-02-2025	67	65
			26-02-2025	68	66
			12-03-2025	66	65
			30-03-2025	67	66
5	Near STG Panel Room	5	18-10-2024	66	64
			29-10-2024	70	66
			12-11-2024	68	67
			26-11-2024	71	67
			16-12-2024	69	67
			30-12-2024	72	70
			11-01-2025	68	67
			23-01-2025	71	67
			15-02-2025	69	67
			26-02-2025	72	69
			12-03-2025	68	67
			30-03-2025	71	67
6	Near Pump House	5	18-10-2024	69	67
			29-10-2024	72	69
			12-11-2024	71	68
			26-11-2024	74	70
			16-12-2024	72	69
			30-12-2024	75	71
			11-01-2025	71	68
			23-01-2025	74	70
			15-02-2025	75	72
			26-02-2025	74	71
			12-03-2025	71	68
			30-03-2025	74	70


 Prepared By
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 Manager (Environment)

Checked By 
 Satish Kumar Choudhary
 General Manager (Environment)

H)	Pellet Plant - II				
1	Ball Mill Area	5	18-10-2024	78	76
			29-10-2024	76	74
			12-11-2024	76	75
			26-11-2024	77	73
			16-12-2024	78	76
			30-12-2024	76	74
			11-01-2025	76	75
			23-01-2025	77	73
			15-02-2025	76	75
			26-02-2025	77	73
			12-03-2025	78	76
			30-03-2025	76	74
2	Additive Ball Mill Area	5	18-10-2024	74	72
			29-10-2024	75	70
			12-11-2024	74	72
			26-11-2024	75	70
			16-12-2024	74	72
			30-12-2024	75	70
			11-01-2025	74	72
			23-01-2025	75	70
			15-02-2025	74	72
			26-02-2025	75	70
			12-03-2025	74	72
			30-03-2025	75	70
3	Near ESP Area	5	18-10-2024	84	82
			29-10-2024	82	80
			12-11-2024	85	82
			26-11-2024	82	80
			16-12-2024	84	82
			30-12-2024	82	80
			11-01-2025	85	82
			23-01-2025	82	80
			15-02-2025	85	82
			26-02-2025	82	80
			12-03-2025	84	82
			30-03-2025	82	80
4	Product Storage Area	5	18-10-2024	72	70
			29-10-2024	70	68
			12-11-2024	72	70
			26-11-2024	70	68
			16-12-2024	72	70
			30-12-2024	70	68
			11-01-2025	72	70
			23-01-2025	70	68
			15-02-2025	72	70
			26-02-2025	70	68
			12-03-2025	72	70
			30-03-2025	70	68


 Prepared By
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 General Manager (Environment)

5	Indurating Area	5	18-10-2024	82	80
			29-10-2024	84	82
			12-11-2024	83	81
			26-11-2024	85	82
			16-12-2024	82	80
			30-12-2024	84	82
			11-01-2025	83	81
			23-01-2025	85	82
			15-02-2025	83	81
			26-02-2025	85	82
			12-03-2025	82	80
			30-03-2025	84	82
6	Hearth Layer Area	5	18-10-2024	79	77
			29-10-2024	76	74
			12-11-2024	79	77
			26-11-2024	76	74
			16-12-2024	79	77
			30-12-2024	76	74
			11-01-2025	79	77
			23-01-2025	76	74
			15-02-2025	79	77
			26-02-2025	76	74
			12-03-2025	79	77
			30-03-2025	76	74

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 Dohvi 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	10.12	13.07	0.77	33	50	7.75	11.11	0.77	45	90	11.76	8.79	1.23	40	70	7.48	23.7	0.62
02-10-2024		NA	NA	NA	NA	NA	28	86	10.44	16.66	0.72	43	63	8.44	7.75	0.89	30	65	10.9	7.86	1.77	51	87	9.36	21.09	0.62
03-10-2024		NA	NA	NA	NA	NA	23	79	10.26	18.2	0.54	36	64	8.3	11.25	0.84	30	63	10.34	7.94	1.64	36	62	7.33	18.42	0.53
04-10-2024		NA	NA	NA	NA	NA	29	89	9.49	16.58	0.63	24	52	8.29	11.66	0.75	25	51	8.7	8.24	0.8	38	67	7.58	24.95	0.43
05-10-2024		NA	NA	NA	NA	NA	24	90	9.5	15.83	0.61	19	45	7.86	11.32	0.69	28	69	8.68	8.1	0.4	40	66	7.4	28.24	0.5
06-10-2024		NA	NA	NA	NA	NA	30	91	9.28	14.79	0.71	24	44	7.83	12.93	0.71	54	92	9.14	8.39	0.42	44	78	8.32	30.09	0.62
07-10-2024		NA	NA	NA	NA	NA	37	93	9.42	14.07	1.11	46	77	7.8	11.23	0.94	43	78	9.6	9.18	0.17	48	89	9.06	28.82	0.77
08-10-2024		NA	NA	NA	NA	NA	40	78	9.23	15.87	0.78	49	81	8.39	11.18	1.01	33	90	9.51	8.37	0.19	57	90	8.27	28.38	0.76
09-10-2024		NA	NA	NA	NA	NA	25	68	9.66	16.98	0.88	33	44	9.08	10.43	0.84	52	56	9.57	9.22	0.37	35	61	7.86	21.91	0.72
10-10-2024		NA	NA	NA	NA	NA	23	75	9.54	14.38	0.86	32	54	8.94	12.42	0.97	21	45	9.33	9.28	0.21	21	64	7.97	24.36	0.66
11-10-2024		NA	NA	NA	NA	NA	24	78	8.99	12.71	0.8	22	41	9.35	10.5	0.89	30	44	9.39	9.17	0.06	9	31	6.92	25.21	0.57
12-10-2024		NA	NA	NA	NA	NA	42	90	7.21	14.16	0.74	14	28	11	8.95	0.67	37	39	9.62	8.43	0.21	16	34	7.24	22.43	0.58
13-10-2024		NA	NA	NA	NA	NA	32	88	7.34	11.45	0.63	16	31	12.46	8.87	0.69	27	58	9.08	7.68	0.29	21	41	6.95	21.79	0.64
14-10-2024		NA	NA	NA	NA	NA	25	89	7.31	14.65	0.74	19	34	13.07	10.92	0.7	33	46	8.82	8.4	0.32	13	27	6.84	22.51	0.57
15-10-2024		16	35	NA	18.9	1.4	16	91	7.34	15.95	0.77	19	33	17.19	11.88	0.79	27	47	9.47	8.35	0.38	10	38	8.52	23.81	0.62
16-10-2024		52	90	NA	19.0	1.4	56	80	7.59	16.11	0.96	27	47	12.99	11.61	0.8	35	50	10.1	8.66	0.59	22	52	7.12	26.06	0.73
17-10-2024		53	91	NA	19.0	1.4	44	76	7.95	12.81	0.86	38	67	13.18	10.5	0.77	43	68	10.32	8.16	0.58	35	72	7.2	26.02	0.71
18-10-2024		47	92	NA	18.7	1.6	32	90	7.65	14.05	0.75	35	59	12.67	15.22	1.19	31	48	9.89	8.28	0.27	47	92	7.11	25.93	0.67
19-10-2024		26	56	NA	18.6	1.7	29	91	7.5	14.08	0.5	14	24	12.7	12.88	0.96	43	55	9.32	7.82	0.14	10	30	7.11	24.47	0.47
20-10-2024		36	81	NA	18.5	1.5	36	87	7.53	17.1	0.98	17	20	12.59	9.76	0.71	51	81	9.29	8.11	0.26	4	29	7.04	20.7	0.6
21-10-2024		36	75	NA	18.4	1.5	27	93	7.23	17.12	0.65	18	24	11.39	7.65	0.64	21	59	9.25	8.28	0.38	17	48	7.22	23.28	0.62
22-10-2024		46	92	NA	18.3	1.5	40	91	6.9	15.45	0.66	29	36	10.74	6.82	0.58	43	65	9.17	8.38	0.35	30	77	7.1	28.99	0.6
23-10-2024		47	91	NA	18.2	1.5	45	91	8.32	15.01	0.78	32	33	11.2	6.14	0.9	43	87	9.1	9	0.57	29	55	6.98	22.53	0.61
24-10-2024		44	75	NA	18.1	1.5	46	92	12.1	14.14	0.88	58	63	11.15	11.65	0.74	47	91	9.28	8.73	0.61	52	91	7.14	32.4	0.75
25-10-2024		41	90	NA	18.0	1.8	45	92	13.89	26.76	0.86	54	72	11.11	9.11	0.85	41	82	9.4	8.18	0.57	49	88	7.2	35.26	0.73
26-10-2024		50	93	NA	17.9	1.6	58	91	14.32	29.41	0.9	52	66	10.78	7.02	0.88	40	91	9.53	8.32	0.55	42	86	7.12	32.67	0.8
27-10-2024		52	82	NA	17.8	1.7	54	93	14.92	29.08	1.01	55	71	10.95	8.16	0.87	51	89	9.51	7.97	0.48	47	92	7.04	34.43	0.86
28-10-2024		59	91	NA	17.7	1.8	50	80	14.46	21.25	0.89	60	74	10.81	7.83	0.89	33	90	9.76	8.33	0.14	53	90	7.15	31.53	0.81
29-10-2024		36	92	NA	17.6	1.3	59	90	14.12	14.06	0.81	50	63	10.49	9.59	0.81	49	91	9.62	8.14	0.32	52	89	7.2	34.03	0.73
30-10-2024		43	72	NA	17.5	1.4	50	92	15.4	11.57	0.89	43	57	10.77	10.34	0.74	45	87	9.8	8.5	0.57	53	77	7.14	33.51	0.69
31-10-2024		49	76	NA	17.4	1.6	59	90	15.74	13.35	0.96	53	72	11.8	8.08	0.86	41	78	10.06	7.99	0.83	55	93	7.12	32.94	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.

Prepared By
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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 Dohvi Village				
	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	18.69	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	17.68	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.

Prepared 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 Grot Gate					Near MSEB Substation					Near Dohvi Village				
	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	54	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	53	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	33	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	33	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	53	97	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	94	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	98	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	54	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	54	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	99	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	48	94	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	98	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	45	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	97	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	35	61	9	8	1	31	58	15	8	0	17	69	6	29	1
Average (µg/m3)	48	85	#DIV/0!	22	1	45	88	12	15	1	45	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.

Prepared By


Dr. P. P. Nanduskar
Manager (Environment)

Checked By


Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location		Near Kasumaria 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	88	15.03	11.71	0.99	46	85		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	88	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	90	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	92	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	90	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	91	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	92	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	94	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	93	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	92	7.3	17.35	1.06	50	94	Showing NA due to the painting work is done. analyzer under observation.	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	92	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	94	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	95	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	93	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	93	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	92	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	94	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	95	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	91	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	90	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	91	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	90	4.96	21.38	0.9	45	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		1.02	55	95	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	90	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	94	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	93	6.02	18.5	1.41	35	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	Showing NA due to the analyzer maintenance under observation.	1.48	46	92	5.97	14.8	1.26	23	59	Due to internet problem (Internet cable cut)						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	94	6.13	21.41	1.58									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	90	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	95	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	92	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	88	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	92	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 Under observation.

Checked 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 Kasemata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dohri Village				
	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

Prepared 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 Kasamata Temple					Near Coke Oven Plant					Near Goa Gate					Near NE LB Substation					Near Dohri 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	0.86	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	45	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	15	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	4.4	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	4.13	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	1.06	21	93	4.1	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	4.14	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	4.54	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	4.36	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	4.29	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	7.39	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	7.56	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	7.32	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	8.15	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	6.36	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

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Checked By
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General Manager (Environment)