ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT

JSW STEEL LTD, DOLVI WORKS

Six Monthly Compliance, Status report

(Oct'2024 to Mar'2025)

Expansion from 3.0 MTPA to 5.0 MTPA Integrated Steel Plant along with installation of Pellet Plant - 4.0 MTPA and 300 MW Captive Power Plant at Geethapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra by M/s JSW Steel Limited.

Environmental Clearance for expansion of integrated steel plant from 3 to 5 MTPA vide letter No J-11011/166/2011-IA-II (I) dated 21st November 2012 & vide letter No J-11011/76/2013-IA II(I), dated July 30, 2015.

ENVIRONMENTAL MANAGEMENT DEPARTMENT

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

Compliance Report to Conditions stipulated in Environment Clearance for Expansion from 3.0 MTPA to 5.0 MTPA Integrated Steel Plant along with installation of Pellet Plant - 4.0 MTPA and 300 MW Captive Power Plant at Geethapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra by M/s JSW Steel Limited vide EC No J-11011/166/2011-IA-II (I) dated 21st November 2012 & vide letter No J-11011/76/2013-IA II(I), dated July 30, 2015, for period (October 2024 to March 2025)

Annexure-II

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE STATUS
1	Waste gases from Blast furnace and coke ovens will be utilised for power generation. Fugitive emissions from raw material handling section will be suppresses by dry fogging system / water sprinkling.	**Complying with** • Waste Gas from Blast Furnace (BF) and Coke Oven Gas (COG) is used in 55 MW Captive Power Plant and other plants as fuel. • Gas Holders provided for Coke Oven Gas, LD and BF Gases. Gas Holders will help the steady network flow for distribution of gas in constant pressure (Operating pressure 996 mmWC. Also it helps to proper utilization of waste gases. Total CO2 Savings will be approximately 660000 Ton of CO2 per year. Energy saving approximate 1 Million Gcal/Year. Total cost for both gas holders is Rs 86.97 (Rs 33.2 Crores + Rs 53.77 Crores) • **De-dusting System with Bag filters** at Junction houses of raw material handling section in Blast Furnace and Coke Oven Plants. De-dusting System with Bag filters at Stock House - 2 Nos Cast house fume extraction system with Bag Filters • **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. • Total Investment on Yard sprinklers, De-dusting system and Dry fogging system Rs 77.29 Crores 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 of Capacity 4,27,000 MT Total expenditure on cover shed is approximately 320 Crores. <u>Environmental Benefits of Covered Shed:</u> • No fugitive emission during handling of material • No water contamination during rains • No spillage of material on roads • Covered storage shed will prevent dust emission in the environment during operation of the yard. To control the fugitive emissions in Coke Oven Plant, following Control Measures are provided; • Bag Filters for coal crushing & mixing station & route • Ground De-dusting system with Bag Filters – connected to charging and pushing, primary crusher, coke cutter, secondary coke crusher area • Bag Filters for coke screen house & Silo. • Dust suppression system at all the transfer points, coal handling and coke handling route. **Hence the condition has been complied**
2	The makeup water requirement for the proposed expansion will be 2,590 m^3/day and the existing consumption is 833.3 m3/day, which shall be sourced from the State Water Resources Dept. from Nagothane dam at K.T. Bandhara. Maximum recycling of wastewater will be done after treatment to achieve zero discharge. Treated wastewater will be used for dust suppression and green belt development. Effluent streams such as cooling tower blow down, floor washings etc. will be used for fugitive dust	**Complying with** • The makeup water requirement for the proposed expansion is limited to 2590 m3/hr (inadvertently mentioned as m3/day) besides the existing consumption for 3 MTPA plant • The water is sourced from the Nagothane dam at K.T. Bandhara as per the allocation from the Water Resources Department of Maharashtra. • Treated waste water & cooling tower blow down (CTBD) are used for dust suppression, slag cooling & plantation. There is no waste water discharge

	suppression, water sprinkling etc. Sewage will be treated in septic tanks. Bag filter dust will be recycled in the process. Blow down water from power plant will be reused in steel melting shop slag yards for spraying on hot slag. Blow down water from Blast furnace recirculation system will be reused in the slag granulation plant as make up water to SGP recirculation water system. Treated waste water from coke oven by products plant will be used in the system itself.	form the plant. • Sewage is treated in septic tanks & STPs & reused for gardening. • . • Blow down of power plant is used in SMS slag recovery plant for dust suppression. • Blow down water from Blast furnace 1 recirculation system is reused in the slag granulation plant (SGP) as make up water to SGP recirculation water system. • Treated water from Coke oven by- product is used in coke quenching **Hence the condition has been complied**
3	BF slag will be granulated and used for cement manufacturing. Slag from SMS production will be used in the sinter plant, in land / road / area development or for manufacturing of insulated bricks etc. Mill scale, flue dust from the blast furnace, dust from the bag filters will be used in Sinter plant. All pumps and motors will be selected from less noise generating types. Ear plugs will be provided to employees working in high noise prone areas. DG set will be provided with silencer.	• 100% granulated slag of Blast furnace - 1 is used in Cement Plant for making of Cement in JSW Group Company. • SMS- EAF slag is used in the sinter plant, in internal roads / land reclamation, area and construction of concrete structures and road construction in National Highways. • Mill scale, flue dust from Blast Furnace 1, dust from Bag Filters used in Sinter plant. • GCP dust from SMS 1 is used in Sinter Plant and Pellet plant • Low noise level pumps and motors are used. • Ear plugs / Ear muffs provided to all employees working in high noise prone areas. • DG sets having provided with silencer. **Hence the condition has been complied**
4	All the integrated steel plant are listed as S. No 3 (a) as Primary Metallurgy Industries under category A of the Schedule of EIA Notification 2006 and appraised by the Expert Appraisal Committee (Industry-I) of MoEF.	**Complying with** As per the EIA Notification 2006 and as per the EC conditions stipulated by MoEFCC for integrated steel plant listed as S.No 3 (a) as Primary Metallurgy Industries under category A

5	The proposal was considered by the expert Appraisal Committee -1 (industry) in its 37th Meeting held during 14th and 15th June 2012. The Committee recommended the proposal for Environmental clearance subject to stipulation of specific conditions along with other environmental conditions. Public hearing was conducted on 28.02.2012.	**Industry is complying with** all the general conditions and specific conditions stipulated in the Environment Clearance. Complied the points raised during Public Hearing.
6	Based on the information submitted by you, presentation made by you and consultant, M/s. MECON Limited., Ranchi, the Ministry of Environment and Forests hereby accords Environmental clearance to the above project under the provision of EIA Notification dated 14th September 2006 subject to strict compliance of the following specific and general conditions.	Noted and complied
Specific Conditions;		
i	Measures shall be undertaken to mitigate particulate levels in the ambient air and a time bound action plans shall be submitted. On-line ambient air quality monitoring with proper O&M and continuous stack monitoring facilities for all the process stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), gas cleaning plant, scrubber, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm3 by installing energy efficient technology.	**Complied** • Adequate dust control measures (Bag filters, ESPs, Venturi Scrubbers, Cyclones) have been provided to all the units to mitigate particulate levels in the ambient air quality. Environmental monitoring parameters are well within the prescribed standards as per the Consent granted by MPCB. • Five numbers of on-line 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 with proper O&M • Continuous Stack Emission Monitoring systems are installed at all major stacks (Process stacks) & connected to URL of MPCB & CPCB & data is being transmitted online on real time basis.

		• Electrostatic precipitator (ESPs), gas cleaning plants, scrubbers, bag filters etc. are provided to all units & PM levels are well within the prescribed norms as per MPCB Consent conditions.
ii	As proposed, Electrostatic precipitator (ESP) shall be provided to sinter / Pellet plant, WHRB, DE Plants and dust catcher followed by venturi scrubbers to blast furnace to control SPM levels within 50 mg/Nm3. Fume extraction system shall be provided to induction furnaces to control the emissions within the prescribed standards.	• Electrostatic precipitator provided in Blast Furnace 1, Sinter Plants & Pellet plant, • Cast House Fume Extraction System, Waste Heat Recovery Boiler (WHRB), Dust Extraction System and dust catcher followed by venturi scrubbers, de-dusting system with bag filters in stock houses in Blast Furnace are provided. • The emission level from the stacks are well within the prescribed standards. The Copy of the Six Monthly Stack Emission Monitoring Report is attached herewith in **Annexure 1** • In JSW Steel Ltd., Dolvi, there is no Induction Furnace installed, however in Steel Melting Shop 1, Electric Arc Furnace (EAF) connected with - Gas Cleaning Plants (4 Nos) with bag filters provided with primary and secondary fume extraction systems. The emission level is well within the prescribed standards. The existing Gas Cleaning plants (GCPs 1, 2 &3) were modified and the guaranteed parameters of PM level in stacks are < 50 Mg/Nm3. **Hence the point is being complied**
iii	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.	**Complied** On line Ambient air quality monitoring system (5 Nos) installed in the plant for the parameters PM10, PM2.5, SO2, NOx, CO and the data is uploaded in the CPCB and MPCB servers.
iv	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the	**Complying with** Adequate measures have been taken to control the gaseous emission levels.

	Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414 (E) dated 30th May, 2008 should be followed.	• Secondary fugitive emissions at Blast Furnace 1 - Cast House de-dusting system with Bag filters, Stock House de-dusting system with Bag filters. • Gas Cleaning Plants (4 Nos) for Electric Arc Furnace (EAF) of Steel Melting Shop (SMS – 1) from all the sources and are well within the permissible limits issued by the Ministry and regularly monitored. • A new standard for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 is being followed. As per the new guidelines of Sponge Iron Plant, the monitoring for stack emissions, work place monitoring etc. are carried out and the reports are within the CPCB norms.
v	Total makeup water requirement for expansion shall not exceed 2,590 KLD. Efforts shall further be made to use maximum water from the rain water harvesting sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent should be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage should be treated in septic tank followed by soak pit.	**Complying with** • The makeup water requirement for the proposed expansion is within the water allocated and less than 2590 m3/hr. • Roof Top Rain water harvesting system have been implemented. • Closed circuit cooling towers are provided to optimize water consumption. • All effluent is treated & recycled in the process and reused in slag cooling, dust suppression & plantation purpose. • No waste water is discharged to outside the plant premises except run off during monsoon. • Septic tank followed by soak pits provided in all plant areas. • Sewage Treatment Plants (STP) 3 Nos provided for treatment of sewage. The treated sewage water is used for gardening.
vi	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	**Complying with** • Roof top Rain water harvesting system has been established (at 12 various buildings of Oxygen Plant, Coke Oven, Power Plant, MRSS and Admin.) • The harvested rain water is being used in the

		cooling towers as make up water. • Since the water table is very high, therefore recharging ground water table is not feasible.
vii	Regular monitoring of influent and effluent surface, sub-surface and ground water (including chromite) should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the E (P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB.	**Complying with** • Regular monitoring of influent and effluent surface, sub-surface is being done by MoEFCC approved and NABL accredited labs & the results of all parameters are well within the prescribed standards. The plant is not using any ground water. • Analysis reports are submitted to the Regional Office, MoEF&CC, MPCB & CPCB on regular basis. All monitoring reports are submitted as per guidelines to; • MPCB - Once in three months, also as & when required, • MOEF&CC, Nagpur & Delhi – Once in Six month, • CPCB, New Delhi – Monthly basis
viii	The water consumption shall not exceed as per the standard prescribed for the steel plants.	Water consumption is well within the prescribed norms & CREP guidelines for the steel plants (less than 5 m3/ton of crude steel) Specific water consumption for the steel plant for 2024-25 (up to March 2025) is 2.38 M3/TCS **Hence the point is being complied**
ix	Vehicle pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	**Complying with** • Transportation of raw material is mainly through sea route to captive jetty and further to the steel plant via closed conveyors. • Rs 320 Crores have been spent for covered shed for storage of raw material like coal, Iron Ore and Flux at Jetty & Raw Material storage yard to control the dust emission. • Transportation of finished products is mainly by rail. • Adequate dust suppression systems have been provided to control dust emissions during loading and unloading of the raw material and finished product. Dust Suppression such as;

		- Dry Fog System / Water spraying in junction houses / Transfer Towers at Raw Material Handling System (RMHS) & other units. - All the Junction houses and Conveyors are covered to avoid fugitive emissions while transfer of material through conveyor.
x	All internal roads shall be black topped. The roads shall be regularly cleaned with mechanical sweepers. A 3 tier avenue plantation using native species shall be developed along the roads.	**Complying with** • All internal roads are concreted & Vacuum based road sweeping machines (6 Nos) and mist type mobile water tankers (2 Nos) are provided for control of road emissions. • Avenue plantation using native species have been planted along the roads.
xi	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of Solid/hazardous waste should be submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB.	**Complying with** Proper handling, storage, utilization and disposal of all the solid wastes like Iron ore fines, coke fines, fluxes and scales generated from the plant is used in Sinter Plants & Pellet Plant. Material have been shifted through conveyor, closed bulkers and loaded by pneumatic conveying system. The report of Solid wastes and Hazardous wastes generation and disposal are regularly submitted as mentioned below. • MPCB - Once in three months, also as & when required, • MOEF&CC, Nagpur & Delhi – Once in Six month, • CPCB, New Delhi – on Monthly Basis.
xii	Proper embankment shall be provided for the sludge disposal area.	**Complying with** • Proper embankment provided to contain sludge at all generating points- Sponge Iron Plant, Blast Furnace 1 and Hot Strip Mill 1. • Sludge generated from the Effluent treatment plants (Sponge Iron Plant, Blast Furnace, are used in sinter making & Pelletization process. • In sludge handling areas filter press and vacuum

		drum filters installed at Sponge Iron Plant, Hot Strip Mill and Blast Furnace.
xiii	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.	Risk and Disaster Management plan is prepared and has been already submitted to MoEF & CC along with EIA Report
xiv	As proposed, green belt shall be developed in 33 % of plant area as per the CPCB guidelines in consultation with the DFO.	Green belt is being developed as per the further amendment in EC obtained dated 16.06.2020. **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**.
xv	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	**Complying with** The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel plants are implemented. • Coke oven plant – Tar sludge / ETP sludge are reused in the Coking process. • Blast Furnace – 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) (CDQ) 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 **Green Belt within Plant**: Presently, 13% green belt is developed over 80.0 Ha land within the plant premises with 2,17,505 no's of trees. Balance 18.42 Ha (3%) green belt area is to being developed with 46,200 no's of trees. Green belt developed with tree density 2500 trees/hectare and local species. • Blast Furnace Slag (BF) Slag- 100% utilized in Cement plant. • Electric Arc Furnace Slag (EAF) slag- 100 % for construction activities, land filling in the low lying areas of expansion projects and is also being used for internal road making and Concrete and asphalt roads. • Presently Steel slag is used as aggregates for construction roads in National Highways with coordination with Central Road Research institute (CRRI), New Delhi. • 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. • The specific water consumption for the year 2024 – 25 (April to March 2025) was 2.38 m3/t of crude steel which is well below the targets for

		flat products and as well as for long products. • Online Stack Monitoring System have been installed on all major stacks (46 Nos) and 5 Nos Online Ambient Air Quality Monitoring System. The real time data is interlinked with MPCB and CPCB server.
xvi	The company shall adopt well laid down corporate environment policy and identified and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with environmental clearance, environmental laws and regulations.	**Complied** Environment Policy is in place and being complied in adherence to Environmental Clearance, Environmental Laws and Rules and Regulations.
xvii	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 28th February, 2012 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.	**Complying with** The commitments made to the public during the Public Hearing / Public Consultation meeting held on 28th February, 2012 is being implemented and a separate budget is maintained for implementing the projects/ issues under CSR activities. In 2024-25 the industry has spent Rs 16.33 crores on CSR activities. **Following are the activities carried out in 2023-24:** **Education:** UDAAN Scholarship, School Infrastructure Development and ASPIRE – Life Skills **Distribution of School Infrastructure and skills enhancement:** **JSW UDAAN Scholarship:** **JSW ASPIRE Project**: **Health & Nutrition:** Adolescents Health & MCH Program, Care & Support to Migrating Population, Vision Care, Community Health Camps. Under this scheme JSW Steel is doing Quality & affordable healthcare services and Maternal & Child Health Care and Non Communicable diseases Control &

		rehabilitation of differently able. **Health & Wellness initiatives taken at Sanjeevani Hospital:** • The hospital covers 4.5 Acres Land and provided 100 BEDS and 10 OPDS with ICU, PICU and NICU, Maternal & Child Health Care • The facilities with services available in the Sanjeevani hospital is provided Intellectual Disability, Eye Care Services, Heart Surgeries, CT SCAN, USG, ECHO , X RAY, Knee replacement **Community Development:** Development of Rural Infrastructure and Linkage with Livelihood, Community Care, Road & Domestic Safety, Pathways & Roads, Community Halls Illumination and Govt. Schemes convergence. 15 Gram panchayats, 33 villages and more than 52000 peoples benefitted though these activities. Constructed 12 Community Buildings and 8 KM Road & Pathways in the nearby villages. **Natural Resource Management:** Water Projects: Drinking & Domestic and Mangrove restorations **Water, Environment & Sanitation scheme provided the** Water Resource through laying of pipelines at 33 villages. Provision of HDPE tanks, Roof rain water harvesting systems, Community Ponds, Pipelines, Elevated storage reservoir, Ground water reservoir, Check Dams, Bunds, Filtration units.
xviii	At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at	**Complying with** 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.

	Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	**Amount spent on CSR Activities:** For 2024-25 (April to March 2024): Rs 16.33 Crores. The above amount has been spent on Social Development- (Education & Training), Skill Development, Water and Sanitization, Agriculture, Rural Development, Health, Solid Waste Management and Community Development.
xix	The company shall provide housing for construction labour within the site with all necessary Infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	**Industry has Complied the conditions** during installation and commissioning of the plant. Provided housing for labour within the site with all necessary Infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STPs, safe drinking water, medical health care, crèche etc. After completion of the project activities the temporary structures have been dismantled and removed.
General Conditions:		
i	The project authorities must strictly adhere to the stipulations made by the Maharashtra State Pollution Control Board and the state government.	**Complied** All the terms & conditions stipulated by Maharashtra Pollution Control Board (MPCB) and State Government are being followed.
ii	No further expansion or modification in the plant shall be carried out without prior approval of the ministry of Environment and Forests.	**Complied** As per the EC conditions, expansion or modifications of the plant was done. Industry has done in all expansion activities after obtaining prior Environmental Clearance from MoEF&CC.
iii	The gaseous emission from various process units shall conform to the load/mass based standards notified by this ministry on 19th may, 1993 and standards prescribed from time to time. The State Boards may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Adequate Air Pollution Control measures have been provided to each unit of the plant and the Gaseous emissions from the process units are well within the prescribed standards as notified by the Ministry. Complied the Consent conditions as per the Maharashtra Pollution Control Board under

		The Air Act, The Water Act and Hazardous Waste Management & handling and Transboundary Rules. **Hence the point is being Complied**

iv	At least four ambient monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this ministry including its regional office at Bhopal and the SPCB/CPCB ones six months.	**Complying with**
		• Five numbers of online Continuous Ambient Air Quality Monitoring stations have been installed in consultation with MPCB. All these stations are connected to URL of MPCB & CPCB & data is being transmitted online on real time basis for PM2.5, PM10, SO2, NOx & CO.
		• 46 Nos. Continuous Stack Emission Monitoring systems are installed at all major stacks & connected to URL of MPCB & CPCB & data is being transmitted online on real time basis.
		• Data on Stack Emission, Ambient Air Quality and Work Environment Air Quality are being submitted to;
		  • MPCB - Once in three months,
		  • MOEF&CC, Nagpur & Delhi – Once in Six month,
		  • CPCB, New Delhi – Monthly basis
		Hence the point is being Complied.

v	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th may, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilised for plantation purpose.	Industrial Waste water generated from the plant is treated in the plants and reused in the process/ slag cooling purpose. There is no discharge of industrial waste water to outside the plant premises. **Hence the point is being Complied**
vi	The overall noise level in and around the plant area shall 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	Noise control measures installed in the plants like acoustic hoods, silencers, enclosures etc. on all sources of noise generation & measured noise level are well with in prescribed standards.

	ambient noise level should conform to the standards prescribed under EPA rules, 1989 viz. 75dBA (daytime) and 70 dBA (night time).	The ambient noise level is monitored in the boundary of the plant and the values are well within the standards prescribed under EPA rules, 1989 viz. 75dBA (daytime) & 70 dBA (night time). **Hence the point is being Complied**
vii	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the factory Act.	As per the Factories Act, regular health surveillance done for all the workers and employees & records are maintained on regular basis. **Hence the point is being Complied**
viii	The company shall develop surface water harvesting structure to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Roof top Rain water harvesting system is being implemented 12 buildings and the harvested rain water is being used in the cooling towers. Since the water table is very high, therefore recharging ground water table is not being done.
ix	The project proponent shall 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, drinking water supply and health care etc.	• Environmental protection measures & safeguards recommended in EIA/EMP report are being complied. • Socio – economic development activities / programmes like supply of drinking water, health care camps & community development programmes, Self Help Groups, Training and education, Rural Development, Sanitary etc. are being carried out on regular basis and will be continued as per plan. **Hence the point is being Complied.**
x	Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution controls measures to implement the conditions stipulated by the ministry of environment and forest as well as the state Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the regional office of the ministry of the Bhopal. The funds so	Requisite amount is earmarked towards capital cost and recurring cost/annum for environment pollution controls measures to implement the conditions stipulated by the MoEF&CC as well as the State Government. The funds earmarked for Environmental pollution control measures are properly utilized. The funds earmarked is not diverted

	provided shall not be diverted for any other purpose.	any other purpose.
xi	A copy of clearance letter shall 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 shall also be put on the web site of the company by the proponent.	**Complied** Copy of clearance letter has been submitted to concerned Panchayat, Zillah Parishad/Municipal Corporation, Urban Local Body and the local NGO. The Environment Clearance letter also put on the JSW Web site.
xii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to the regional office of the MOEF at Bhopal. The respective zonal office of the CPCB and the CECB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emission) or critical sectoral parameters, indicated project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	**Complied.** The status of compliance of the stipulated environment clearance conditions, including results of monitoring data.is is updated every six months. The EC compliance and Environmental monitoring reports are submitted to MoEFCC and CPCB. The CEMS data and CAAQMS data are displayed at the main gate.
xiii	The project proponent shall also submit six monthly reports on the status of 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 MoEF, the respective Zonal office of CPCB and the SPCB. The Regional office of this Ministry at Bhopal / CPCB / SPCB shall monitor the stipulated conditions.	**Complied.** The six monthly Environmental Clearance compliance reports and Environmental monitoring reports are submitted to Regional Office of MoEFCC, MPCB and CPCB.
xiv	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, shall also be put on the website of the company along with	**Complied.** Plant wise Environment Statement for 2023-24 has been submitted to MPCB portal and uploaded on the web site of the company. Also the same are submitted to regional office of MoEFCC along with six monthly EC compliance report.

	the status of compliance conditions and shall also be sent to the respective Regional Office of the MoEF at Bhopal by e-mail.	
xv	The project proponent shall 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 Website of the Ministry of Environment and Forests at http/moef.nic.in. This shall 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 shall be in the vernacular language of the locally concerned and a copy of the same should be forwarded to the Regional Office, Bhopal.	Published in newspaper as per guidelines namely in Local newspaper Dainik Krushiwal, Raigad Times, Ramprahar dated 24/11/2012 and English newspaper Indian Express dated 26/11/2012. **Hence this point is complied.**
xvi	Project authorities shall 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 concerned authorities and the date of commencing the land development work.	Complied
11	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
12	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
13	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 (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.	**We are complying with:** • The water (Prevention& Control of Pollution) 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.

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

JINDAL Part of O. P. Jindal Group

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

JSW STEEL LIMITED

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

SPONGE IRON PLANT

COOLING TOWER BLOWDOWN WATER ANALYSIS REPORT

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

Prepared By
P. P. Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager(Environment)

JSW STEEL LIMITED

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

SPONGE IRON PLANT

SIX MONTHLY TREATED EFFLUENT ANALYSIS REPORT

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

Prepared By
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 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

Preapared By
Dr.P.P.Nandusekar
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 Sceen Area	10-22-2024	1660	7.6	21.58
		07-11-2024	1818	7.1	20.04
		06-12-2024	1477	7.1	20.04
		09-01-2025	1731	6.80	18.50
		03-02-2025	1400	7.6	22.33
		05-03-2025	1985	6.8	20.04
4	Near R.M .Silo Area	10-23-2024	1841	6.3	18.50
		07-11-2024	1703	6.8	16.96
		06-12-2024	1334	6.8	16.96
		09-01-2025	1797	6.30	20.81
		03-02-2025	1190	6.6	21.56
		04-03-2025	1892	6.3	21.58

Preapared By
Dr.P.P.Nandusekar
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
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

Preapared 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
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

Preapared 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
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

Preapared By
Dr.P.P.Nandusekar
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
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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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 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

Preapared By
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JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

Fugitive Emission Status					
Sr. No.	Location of the station	Date of Monitoring	Parameters		
			PM10	SO2	Nox
	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

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

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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
6	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	02/10/24 12:00 Hrs	9262	7	12	19	14	20
						06/11/24 12:00 Hrs	9417	7	9	19	14	19
						03/12/24 12:15 Hrs	6713	7	8	26	17	19
						09/01/25 12:10Hrs	4693	7	12	16	19	23
						08/02/25 12:35Hrs	8947	8	14	14	19	25
						04/03/25 12:05 Hrs	10024	9	12	13	17	22
7	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	03/10/24 10:30 Hrs	8918	8	13	13	18	16
						16/11/24 10:00 Hrs	10025	7	14	13	15	16
						04/12/24 12:15 Hrs	9395	7	7	25	19	31
						09/01/25 14:20Hrs	4693	8	12	13	16	22
						01/02/25 10:05Hrs	8810	7	13	12	15	24
						04/03/25 14:28 Hrs	10024	8	11	14	18	26
8	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	03/10/24 12:15 Hrs	8918	7	4	17	18	27
						16/11/24 12:15 Hrs	10025	6	13	20	16	21
						04/12/24 10:15 Hrs	9395	7	9	16	18	26
						09/01/25 16:20Hrs	4693	8	13	15	18	28
						01/02/25 14:45Hrs	8810	8	10	13	17	22

*NA-Not Applicable

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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
						04/03/25 16:25 Hrs	10024	9	10	10	15	20
9	18 TPH Boiler Stack	Boiler	65	1.8	Blower	Shut Down 31/04/2022						
10	De-Dusting System Stack	Lime & Coke Handling System	30	1.9	Bag Filters	Stack dismentled In April - 15/4/2023						
							CPCB Norms		<100	NA	50.00	NA

*NA-Not Applicable

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

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A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollut on Control unit provic ed	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocit y m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						24/01/25 12:10Hrs	332	15	23	12	15	24
						18/02/25 11:30Hrs	336	15	26	15	18	28
						21/03/25 11:00 Hrs	335	15	24	15	21	27
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Fi ters	04/10/24 14:10 Hrs	640	5	22	NA	NA	NA
						11/11/24 10:25 Hrs	634	6	18	NA	NA	NA
						12/12/24 12:05 Hrs	618	6	16	NA	NA	NA
						24/01/25 16:30Hrs	619	6	15	NA	NA	NA
						18/02/25 15:30Hrs	633	5	18	NA	NA	NA
						21/03/25 15:30 Hrs	569	8	15	NA	NA	NA

*NA-Not Applicable

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

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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
						12/12/24 14:20 Hrs	544	7	17	NA	NA	NA
						28/01/25 16:25Hrs	569	5	16	NA	NA	NA
						24/02/25 11:55Hrs	562	7	14	NA	NA	NA
						24/03/25 14:30 Hrs	562	6	15	NA	NA	NA
8	Kiln - IV Stack	Kiln - IV	58	1.3	Bag Filters	08/10/24 16:00 Hrs	620	14	13	13	7	18
						08/11/24 12:45 Hrs	620	16	18	17	15	20
						09/12/24 12:00 Hrs	607	15	16	18	14	21
						20/01/25 16:15Hrs	599	17	22	13	17	23
						25/02/25 10:00Hrs	595	15	25	14	19	22
						08/03/25 10:35 Hrs	552	16	28	12	17	20

*NA-Not Applicable

9	Lime Stone De-dusting system stack for Kiln IV	Lime Stone Dedusting System	35	1.4	Bag Filters	Shut Down						
						10/11/24 14:15 Hrs	620	5	17	NA	NA	NA
						12/12/24 10:15 Hrs	568	5	16	NA	NA	NA
						20/01/25 14:35Hrs	599	7	14	NA	NA	NA
						24/02/25 14:15Hrs	606	5	17	NA	NA	NA
						24/03/25 12:05 Hrs	606	5	14	NA	NA	NA
10	Lime De-dusting system Stack for Kiln IV	Lime Dedusting System	31	0.960	Bag Filters	08/10/24 14:00 Hrs	620	5	14	NA	NA	NA
						11/11/24 15:45 Hrs	619	6	14	NA	NA	NA
						09/12/24 10:20 Hrs	607	6	14	NA	NA	NA
						20/01/25 10:00Hrs	599	6	16	NA	NA	NA
						24/02/25 16:22Hrs	606	6	15	NA	NA	NA
						08/03/25 12:05 Hrs	552	6	17	NA	NA	NA
							CPCB Norms		<100	NA	100	NA

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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 Monitcring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
III	**Sponge Iron Plant**					**Plant Capacity: 2.0 MTPA**						
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	13/10/24 16:30 Hrs	4196.0	40	9	24.0	14.7	31
						23/11/24 15:15 Hrs	4189.0	40	13	16.4	18.9	19.2
						24/12/24 16:45 Hrs	4023.0	39	11	23.1	25.1	29
						04/01/25 16:15Hrs	3504.0	42	12	16.0	19.0	33
						12/02/25 10:45Hrs	4089.0	38	13	16.0	19.0	33
						06/03/25 15:55Hrs	2709.0	40	13	16.0	19.0	33

*NA-Not Applicable

2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	22/10/24 11:30 Hrs	4177.0	33	26	NA	NA	NA
						23/11/24 12:05 Hrs	4189.0	10	26	NA	NA	NA
						24/12/24 09:45 Hrs	4023.0	7	29	NA	NA	NA
						04/01/25 14:22Hrs	3504.0	7	27	NA	NA	NA
						12/02/25 12:05Hrs	4089.0	8	29	NA	NA	NA
						26/03/25 10:15Hrs	4128.0	8	33	NA	NA	NA
3	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	22/10/24 16:30 Hrs	4177.0	7	23	NA	NA	NA
						23/11/24 16:15 Hrs	4189.0	8	23	NA	NA	NA
						25/12/24 12:15 Hrs	3989.0	8	27	NA	NA	NA
						04/01/25 12:25Hrs	3504.0	7	28	NA	NA	NA
						28/02/25 10:25Hrs	4099.0	7	32	NA	NA	NA
						26/03/25 14:05Hrs	4128.0	6	28	NA	NA	NA
4	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	22/10/24 10:00 Hrs	4177.0	7	29	NA	NA	NA
						25/11/24 11:25 Hrs	4196.0	8	32	NA	NA	NA

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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
					Scrubber	24/12/24 14:00 Hrs	4023.0	7	29	NA	NA	NA
						04/01/25 10:15Hrs	3504.0	8	31	NA	NA	NA
						28/02/25 11:50 Hrs	4099.0	7	33	NA	NA	NA
						14/03/25 12:05 Hrs	4086.0	7	34	NA	NA	NA
5	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	13/10/24 09:50 Hrs	4196	5	20	NA	NA	NA
						23/11/24 10:05 Hrs	4189	7	22	NA	NA	NA
						25/12/24 09:45 Hrs	3989	7	25	NA	NA	NA
						06/01/25 10:20Hrs	4061	6	29	NA	NA	NA
						28/02/25 14:28Hrs	4099	6	28	NA	NA	NA
						14/03/25 10:00 Hrs	4086	7	31	NA	NA	NA
6	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	22/10/24 14:15 Hrs	4177	6	16	NA	NA	NA
						25/11/24 15:00 Hrs	4196	6	18	NA	NA	NA
						24/12/24 12:30 Hrs	4023	5	23	NA	NA	NA
						06/01/25 14:25Hrs	4061	6	25	NA	NA	NA
						28/02/25 16:05Hrs	4099	6	26	NA	NA	NA
						26/03/25 12:00Hrs	4128	7	26	NA	NA	NA
							CPCB Norms		< 50		NA	NA
IV	**Blast Furnace Plant**					**Plant Capacity: 3.5 MTPA**						
1	Cast House Dedusting system	Stock House	45	2.5	Bag Filters	25/10/24 10:30 Hrs	9010.0	11	17	NA	NA	NA
						19/11/24 10:00 Hrs	9657.0	10	21	NA	NA	NA
						16/12/24 12:15 Hrs	9580.0	8	18	NA	NA	NA
						22/01/25 10:35Hrs	9362	12	16	NA	NA	NA

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Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

JSW STEEL LIMITED

Integrated Steel Mill Complex

Geetapuram, Dolvi, Tal - Pen, Dist - Raigad

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
						18/02/25 10:10Hrs	9515	10	17	NA	NA	NA
						13/03/25 10:15Hrs	3435	13	21	NA	NA	NA
2	Stock House- 1	Stock House	45	2.5	Bag Filters	25/10/24 12:30 Hrs	9010	7	31	NA	NA	NA
						19/11/24 12:15 Hrs	9657	8	28	NA	NA	NA
						11/12/24 10:15 Hrs	9551	6	11	NA	NA	NA
						23/01/25 10:15Hrs	9562	8	18	NA	NA	NA
						18/02/25 12:00Hrs	9515	11	22	NA	NA	NA
						18/03/25 10:25Hrs	7802	12	26	NA	NA	NA
3	Stock House- 2	Stock House	45	2.5	Heat Exchanger	25/10/24 16:25 Hrs	9010.0	7	29	NA	NA	NA
						19/11/24 14:15 Hrs	9657.0	7	26	NA	NA	NA
						11/12/24 12:15 Hrs	9551.0	7	14	NA	NA	NA
						23/01/25 12:45Hrs	9562	8	23	NA	NA	NA
						18/02/25 14:20Hrs	9515	14	26	NA	NA	NA
						18/03/25 12:05Hrs	7802	10	28	NA	NA	NA
4	Stock House- 3	Stock House	45	2.5	Bag Filters	25/10/24 14:35 Hrs	9010.0	9	25	NA	NA	NA
						19/11/24 16:20 Hrs	9657.0	6	23	NA	NA	NA
						11/12/24 16:45 Hrs	9551.0	7	19	NA	NA	NA
						23/01/25 15:25Hrs	9562	8	26	NA	NA	NA
						18/02/25 16:20Hrs	9515	10	19	NA	NA	NA
						18/03/25 14:35Hrs	7802	9	31	NA	NA	NA
5	Stove stack	Stove Unit	75	5	Heat Exchanger	19/10/24 12:40 Hrs	8922.0	12	15	28	31	37
						23/11/24 16:45 Hrs	9536.0	12	9	18	35	41

'*NA-Not Applicable

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

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	24/10/24 12:10 Hrs	7096.0	7	28	NA	NA	NA
						18/11/24 10:15 Hrs	7382.0	7	24	NA	NA	NA
						19/12/24 12:05 Hrs	7428.0	7	28	NA	NA	NA
						15/01/25 12:30Hrs	7486	8	26	NA	NA	NA
						03/02/25 11:15Hrs	7078	8	27	NA	NA	NA
						12/03/25 14:00 Hrs	6250	8	29	NA	NA	NA
3	Propotioning ESP Stack	Propotioning House	50	2.404	Electrostatic Precipitators	24/10/24 14:30 Hrs	7096	8	27	NA	NA	NA
						18/11/24 12:05 Hrs	7382	7	28	NA	NA	NA
						19/12/24 14:30 Hrs	7428	8	31	NA	NA	NA
						14/01/25 12:00Hrs	7488	7	29	NA	NA	NA
						21/02/25 10:00Hrs	7361	8	25	NA	NA	NA
						14/03/25 16:45 Hrs	7404	8	26	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	05/10/24 12:30 Hrs	7327	9	39	28	24	38
						16/11/24 17:00 Hrs	7281	9	33	24	26	28
						05/12/24 10:30 Hrs	7455	9	43	25	28	38
						14/01/25 13:20Hrs	7488	9	44	24	28	41
						03/02/25 11:40Hrs	7078	14	39	18	25	33
						12/03/25 10:45 Hrs	6250	13	42	18	25	33
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	23/10/24 16:10 Hrs	5481	12	30	NA	NA	NA
						16/11/24 14:15 Hrs	7281	10	27	NA	NA	NA
						05/12/24 14:15 Hrs	7455	10	28	NA	NA	NA
						14/01/25 10:00Hrs	7488	9	32	NA	NA	NA

*NA-Not Applicable

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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											
VI	**Sinter Plant -II**						**Plant Capacity: 2.5 MTPA**					
1	Main ESP	Sinter Machine	85	5.5	Electrostatic	23/10/24 10:00 Hrs	4734	16	29	35	17	25
						15/11/24 16:00 Hrs	7751	19	30	28	41	44
						13/12/24 14:30 Hrs	8265	17	29	28	33	42
						16/01/25 15:30Hrs	8402	17	26	28	33	42
						05/02/25 10:30Hrs	8171	18	31	19	26	35
						13/03/25 12:15Hrs	8446	18	38	19	26	35
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	28/10/24 10:20 Hrs	8189	7	16	NA	NA	NA
						13/11/24 10:15 Hrs	7917	7	14	NA	NA	NA
						18/12/24 10:20 Hrs	8232	7	13	NA	NA	NA
						16/01/25 12:35Hrs	8402	7	14	NA	NA	NA
						05/02/25 12:00Hrs	8171	7	16	NA	NA	NA
						15/03/25 15:05Hrs	8559	7	14	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	26/10/24 10:35 Hrs	8167	6	19	NA	NA	NA
						14/11/24 10:25 Hrs	7487	7	17	NA	NA	NA
						18/12/24 12:00 Hrs	8232	6	19	NA	NA	NA
						16/01/25 16:30Hrs	8402	6	17	NA	NA	NA
						13/02/25 10:05Hrs	8446	9	14	NA	NA	NA

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

*NA-Not Applicable

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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	NA	NA

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									Particulate Matter (PM)	SO_2	NOx	CO
VIII	**Billet Caster & Bar Mill (1.5 & 1.4 MTPA)**											
1	Billet Caster Stack	Laddle Heating Furnace	80	2.0	Fume extraction system	29/10/24 12:35 Hrs	2745	8	16	13	18	20
						22/11/24 16:45 Hrs	2797	8	18	14	16	19
						27/12/24 12:15 Hrs	2783	7	12	12	16	18
						13/01/25 12:25Hrs	2244	7	16	14	17	21
						19/02/25 12:35Hrs	2384	7	16	14	17	21
						06/03/25 14:05Hrs	3573	7	16	14	17	21
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	29/10/24 10:20 Hrs	1962	16	9	17	28	38
						22/11/24 14:25 Hrs	1812	14	11	15	25	42
						27/12/24 15:30 Hrs	2950	16	9	12	19	31
						13/01/25 10:20Hrs	3590	17	10	14	19	35
						19/02/25 10:05Hrs	3645	15	12	14	19	35
						06/03/25 12:15Hrs	3502	15	12	14	19	35
							CPCB Norms		<50	NA	NA	NA
IX	**Coke oven Plant -II**						**Plant Capacity: 2.5 MTPA**					
1	Coke Oven Battery Main Stack 1	Coke Oven Battery	150	11.0	Electrostatic Precipitators	07/10/24 16:45 Hrs	6714	10	43	122	136	148
						20/11/24 16:25 Hrs	7572	11.5	45	131	142	166
						07/12/24 16:25 Hrs	5933	10.8	43	128	136	152
						17/01/25 12:10Hrs	7521	12.3	39	108	128	141
						20/02/25 14:25Hrs	7272	10.5	42	108	128	141
						05/03/25 16:00Hrs	7353	10.5	45	108	128	141
2	Coke Oven Battery Pushing Side	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	07/10/24 11:30 Hrs	6714	7.2	16	NA	NA	NA
						20/11/24 10:35 Hrs	7572	7.8	11	NA	NA	NA
						07/12/24 10:25 Hrs	5933	7.8	14	NA	NA	NA
						17/01/25 16:30Hrs	7521	5	10	NA	NA	NA

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

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

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B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

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

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

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

Showing NA due to the Processor kept in observation.

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

Checked By
Satish Kumar Choudhary
Ceneral Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

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

Showing NA due to the Processor Under observation.

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

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

Showing NA due to the Processor card Under observation.

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

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

Showing NA due to Analyzer under observation

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

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

Showing NA due to the Processor Analyzer under observation

Preapared By
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Manager (Environment)

Checked By
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General Manager (Environment)