ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT

APRIL TO SEPT 2024

JSW STEEL LTD, DOLVI WORKS

Six Monthly Compliance, Status report

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

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

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

ENVIRONMENTAL MANAGEMENT DEPARTMENT

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

Annexure V

SIX MONTHLY COMPLIANCE REPORTS OF ENVIRONMENT CLEARANCE CONDITIONS

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

Ref: 1) Environmental Clearance for 3.5 MTPA Coke Oven Plant at Dolvi Coke Projects Ltd. vide letter No F.No. IA-J-11011/497/2017-IA-II(I) dated 01/02/2018.

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

The production facilities after the expansion are given below:

S. No	Technological Facility	EC accorded for Facilities under 5 MTPA	EC accorded for Facilities under 5 to 10 MTPA	Total unit capacities at 10 MTPA	Compliance Status
1.	DR1 (Gas based Mega Module)	2.0 MTPA (by augmentation)	2.0 MTPA	4.0 MTPA	• 2 MTPA plant in operation • 2 MTPA plant under 5-10 MTPA, & technology finalization under progress
2.	Pellet Plant	4.0 MTPA	9.0 MTPA	13.0 MTPA	• 4 MTPA plant in operation • 9 MTPA plant under 5-10 MTPA, Plant is commissioned and in operation.
3.	Coke Ovens including By-product plant	2.0 MTPA	2.5 MTPA	4.5 MTPA	• 1.0 MTPA in operation under EC M/s. Amba River Coke Ltd • 3.5 MTPA Coke Oven, EC transferred to Dolvi Coke Projects Ltd (DCPL) and further changed as JSW Steel Ltd. • 3.0 MTPA plant is in operation (Battery A, B, C & D)

4.	Sinter Plant	2.8+3.2 MTPA	4.0 MTPA	10.0 MTPA	• 2.8+2.5 MTPA plants are in operation. • The 8 MTPA plant under 5-10 MTPA is being amended to 4 MTPA for which amendment done. Technology to be
5.	Blast Furnace including Pig casting	3.6 MTPA (by augmentation)	4.5 MTPA	8.1 MTPA	• 3.5 MTPA plant in operation • 4.5 MTPA plant under 5-10 MTPA, Plant is Commissioned and in operation.
6.	SMS (CONARC)	5.2 MTPA (by augmentation)	--	5.2 MTPA	5.2 MTPA Plant in operation
7.	SMS -BOF	--	6.0 MTPA	6.0 MTPA	Plant is commissioned and in operation.
8.	Ladle Furnace (LF)	2x200t +205t	2X300t	2x200t +205t 2X300t	• 2x200t +205t LF in operation • 2X30t LF under 5-10 MTPA is commissioned and in operation
9.	VD/VOD & RH-TP	1x200t+1x205t	2x300t	1x200t +1x205t 2x300t	• 1x200t+1x205t in operation • 1x200t +1x205t 2x300t under 5-10 MTPA, is in operation.
10.	CSP(HRC Coil) Thin Caster-cum-Hot Strip Finishing Train	3.5 MTPA (By Augmenting)	-	3.5 MTPA	3.5 MTPA plant in operation.
11.	Conventional Slab Caster	2x1 strands (3.68 MTPA)	2x2 strands (5.72 MTPA)	Total 6 strands (9.4 MTPA)	• 2x1 strands (3.68 MTPA) in operation • 2x2 strands (5.72 MTPA) under 5-10 MTPA, is in operation.
12.	Billet Caster	-	1x6 Strands	6 strands (1.5 MTPA)	1x6 strands (1.5 MTPA) plant in operation.
13.	Plate Mill	1.5 MTPA	-	1.5 MTPA	Technology to be finalised.
14.	CRM (Hot Rolled Skin Pass + Cold Rolled Full Hard Coil + Hot Rolled Pickled & Oiled Coil)	1.0 MTPA	1.5 MTPA	2.5 MTPA	Technology to be finalized.

15.	Galvanizing Line (Cold Rolled Steel Strips, Hot Dip Zinc Coated Full Hard)	0.6 MTPA	-	0.6 MTPA	Technology to be finalized.
16.	Electrical Steel CRGO line	0.4 MTPA	-	0.4 MTPA	Technology to be finalised.
17.	Tin Plate Mill	0.4 MTPA	-	0.4 MTPA	Technology to be finalised.
18.	Colour Coating Plant	0.5 MTPA	-	0.5 MTPA	Technology to be finalised.
19.	Lime/Dolo Plant	1800 TPD	1800 TPD	3600 TPD	• 1800 TPD plant in operation • 1800 TPD plant under 5-10 MTPA, is in operation.
20.	Oxygen Plant	4100 TPD	3500 TPD	7600 TPD	• 2200 + 1260 TPD + 1000 TPD + 2200 TPD plant under 5-10 MTPA is in operation.
21.	Hot Rolling Mill with shearing & slitting line	-	5.0 MTPA	5.0 MTPA	5 MTPA plant under 5-10 MTPA, is commissioned and in operation.
22.	Bar Mill	-	1.4 MTPA	1.4 MTPA	1.4 MTPA Plant in operation.
23.	Slag & Clinker Grinding Unit	"	10 MTPA	10 MTPA	EC transferred to JSW Cement Ltd.
24.	Captive Power Plant	300 MW	300 MW	600 MW (based on surplus gases of BF & Coke Oven)+RLNG	• 55 MW Gas based CPP in operation. • 175 MW CPP (Gas based) and 70 MW from CDQ under 5 -10 MTPA is in operation.
25.	Township	-	150 acres	150 acres	Work in progress

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE STATUS
A) Specific Conditions		

i	The project proponent should install 24x7 air and water monitoring devices to monitor air emission and effluent discharge, as provided by CPCB and submit report to Ministry and its Regional Office.	**Complying with** • Continuous Emission Monitoring System is installed at 46 Nos stack & connected to MPCB & CPCB for transmission of data online on real time basis. • Information submitted to Regional Office of MoEF&CC along with six monthly compliance. The Six Monthly Environmental Monitoring Report attached in **Annexure 1 A & 1 B** for plants under Phase 1 & 2
ii	The PP should ensure treatment of effluent particularly from Blast Furnace (BF) and Coke Oven plant. The plant should be designed to meet the cyanide standards stipulated by MoEF&CC under EPA Act 1986.	**Complied**. Effluent from 2 nos Coke oven plants is being treated in 2 nos of Biological and De-phenolization Plants (BOD) for treatment of effluent as per standard. Effluent Treatment Plant (ETP) for effluent from gas cleaning plant of BF-1 is provided and for BF-2 the gas cleaning system is dry type, Hence, no effluent from gas cleaning of BF-2 generated.
iii	The commitment made by the PP for plantation of the green belt to the tune of 655 acres should be expedited. Three rows of green belt, 12-15 meters wide, all along the periphery of the plant should be planted.	**Green Belt within Plant**: Presently, 13% green belt is developed over 80.00 ha land within the plant premises with 2,17457 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**.

iv	The CSR plan as submitted by the PP in the area of health care, rural infrastructure development, education, sports and cultural activity, Swachh Bharat Abhiyan with respect to the earlier projects and the ongoing project at Dolvi site are very slow in implementation. The CSR activities should be implemented expeditiously and simultaneously with the implementation of the project, and annual report on CSR activity should be submitted to the Ministry.	**Complied with** JSW foundation is the apex organization which is responsible for implementation of CSR activity in and around Dolvi works. JSW foundation is supported by JSW Steel Limited. CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. **Amount spent on CSR Activities:** The project proponent has spent Rs 13.42 Crores under CSR activity for 2023-24 (April to March 2024) The above amount has been spent on Social Development- (Education & Training), Skill Development, Water and Sanitization, Agriculture, Rural Development, Health, Solid Wastes Management and Community Development.
v	At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent should prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector- wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head should be created and the annual capital and revenue expenditure on various activities of the Plan should be submitted as part of the	The project proponent is carrying out CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. The CER activities shall be implemented in accordance with Ministry's OM vide F.No.22 - 65/2017-IA III dated 1st May 2018 within the Project implementation period. A separate budget is incurred under CER activities, which are included in the Budget proposal Amount spent on CER Activities is **Rs 119.86 Crores**. The above amount was spent on for construction of Multi-Speciality Hospital, Construction of Roads outside the pant premises, and expenditure on Tree plantation in nearby villages

	Compliance Report to RO, at Bhopal. The details of the CSR Plan should also be uploaded on the company website and should also be provided in the Annual Report of the company.	(outside the Plant). **Hence the condition has been complied.**
vi	No development should be done on the creek-ward side of the land. Land area between HTL to 100 mts or width of the creek, whichever is less, on the landward side should be kept free from any type of development.	**Complied**. The project proponent has restricted Development of plant beyond 100 mtrs from HTL & kept the same free. The same was confirmed through Survey was carried out by IRS, Chennai.
vii	No waste water will be discharged outside the plant boundary during normal operation. In case it become necessary to discharge effluent meeting norms fit to the marine environment, permission of the relevant authority should be obtained.	**Complied**. Excess treated effluent conforming to standards is being discharged to Amba River Estuary as per the permission obtained from MoEFCC – CRZ Division vide letter No F.No.11-7/2023-IA. III dated 5th April 2023.The permission is granted for discharge of treated water 615 M3/Hr.
viii	No untreated effluent should be reused for any process.	**Complied**. Wastewater is treated in ETP and treated effluent is reused industrial usage.
ix	Measures should be taken to reduce PM levels in the ambient air. Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50mg/Nm3 and installing energy efficient technologies in the Plant	All necessary air pollution control devices provided: • Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks are provided, 46 nos of stacks are connected through OCEMS to CPCB and MPCB. • ESP (17nos) and Bag Filters (157nos), Cyclone & Venturi Scrubber (06 nos), Dry Cyclone separator (01 no) are provided to control the PM emission from stacks within norm. • Raw Material handling area, yard sprinklers, dry fog system, Dust extraction systems provided to control the fugitive emissions. Constructed covered sheds for Raw Material storage purpose. • Covered shed for Jetty yard-A with a capacity of 110,000MT for Coal Storage • Covered shed for Jetty yard-B with a total capacity of 305,000 MT for Iron Ore and Flux.

		• Covered Sheds (2 Nos) for Pellet and Coke Storage of Capacity-1,20,000 MT each.
		• Covered shed for storing Iron Ore Bearing Material and Flux. Capacity of the covered shed is 4,27,000 MT
		
		E**nvironmental Benefits of Covered Shed:**
		• No fugitive emission during handling of material
		• No water contamination during rains
		• No spillage of material on roads
		• Covered storage shed prevents dust emission in the environment during operation of the yard.
		• Total expenditure on covered shed will Rs 320 Crores
		• Investment on Yard sprinklers, De-dusting system and Dry fogging system Rs 77.29 Crores
		• Top gas recovery turbine from Blast furnace and Gas Based power plant.
		• Energy efficient technologies provided in the Plant like waste heat recovery system,
		  • Sinter plant- 1 Boiler (7 TPH) Waste Heat Recovery
		  • Sinter plant- 2 Boiler (20 TPH) Waste Heat Recovery
		  • Coke Oven -2 Boiler (9.2 TPH) Waste Heat Recovery
		  • Coke Oven -2 Boiler (5.2 TPH) Waste Heat Recovery
		  • Coke Oven -2 CD Boiler (5.2 TPH) Waste Heat Recovery
		  • Coke Oven -1 Boiler (4.5 TPH) Waste Heat Recovery
		  • Steel Melting Shop-2 Boiler (74 TPH) Waste Heat Recovery
		  • Coke Dry Quenching (CDQ) Boiler-1 (72 TPH) Waste Heat Recovery
		  • CDQ Boiler -2 (94 TPH) Waste Heat Recovery

		• CDQ Boiler -3 (94 TPH) Waste Heat Recovery • All internal roads are made by concrete. • Regular operation of Road Sweeping machines and water sprinkler on road. • Transfer of De-dusting system dusts and other secondary dusts generated from Pollution Control equipment by bulkers. • The transfer of raw material from Jetty to plant is 100 % through belt and pipe conveyors thereby eliminating any chances of fugitive emission through transportation of material from outside plant to the raw material yard there by improving the Ambient Air Quality. **Hence the condition has been complied.**
x	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices. Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.	**Complied**. • Five Continuous Ambient Air Quality Monitoring stations have been installed in consultation with MPCB. All these stations are connected to URL of MPCB & CPCB & data is being transmitted online on real time basis for PM2.5, PM10, SO2, NOx & CO • Continuous Emission Monitoring System (CEMS) for all the required stacks as per CPCB guidelines is installed on 46 nos of Stacks. • Adequate air pollution control devices are provide including Bag Filters to control fugitive emissions.
xi	Dust suppression system and bag filters should be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points,	**Complied**. Raw Material Handling areas, yard sprinklers, Dry fogging system, dust extraction system provided in the junction houses and transfer points. • Dust suppression by dry fog systems / water spraying systems provided at Raw Material Handling Section (RMHS) and other applicable areas. • All conveyors and Junction houses of Raw

		Material Handling systems are closed system. Details of covered shed for storage of Raw Material; • Covered shed for Jetty yard-A with a capacity of 110,000MT for Coal Storage • Covered shed for Jetty yard-B with a total capacity of 305,000 MT for Iron Ore and Flux. • Covered Sheds (2 Nos) for Pellet and Coke Storage of Capacity-1,20,000 MT each. • Covered shed for storing Iron Ore Bearing Material and Flux. Capacity of the covered shed is 4,27,000 MT In Steel melting shop, Blast Furnace, Lime Calcination Plants, Pellet Plant adequate de-dusting systems with ESPs, Dry Gas Cleaning Plant, Cyclones and Bag Filters provided.
xii	Water consumption should not exceed as per the CREP standard prescribed for the steel plants. Additional water, if any, required for the plant project operations. Should be met form rainwater stored in rainwater harvesting structures.	**Complied.** • The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel plants are implemented regarding specific water consumption. The specific water consumption for the year 2023 - 24 (April to March 2024) was 2.35 m^3/t of crude steel which is well below the CREP recommendation of 5 m^3/t. • Dry Gas Cleaning plant, a Best Available Technology installed in Blast Furnace. The traditional wet scrubbing process has high pressure drop due which the energy recovery is low (14 MW) but the bag filter has low pressure drop thus has high energy to recovery (36 MW), by using Dry GCP process the energy recovery has increase approx. of 22 MW, which has reduced specific water consumption.

		• Coke Oven Plant - a Best Available Technology Coke Dry Quenching systems (3 Nos) installed and recovered the sensible heat of red hot coke, reduce energy consumption and pollution and improve the quality of coke.
xiii	Rainwater harvesting scheme should be prepared so that the rainwater can be collected, re-used and may be used for ground water recharge. The concrete drains should be de-silted and regular supervision of the areas should be carried out so that blocking of drains may be avoided for quick discharge of rainwater. Efforts should further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement.	**Complied**. Rain Water collection system for utilization of rainwater for cooling water make-up has been implemented at 12 various buildings of Oxygen Plant, Coke Oven, Power Plant, MRSS and Admin. Rainwater Harvesting through Recharge bore-well is not feasible in the area as the water table is high being close to river and sea.
xiv	All the effluents should be treated and reused for dust suppression/green belt development. No effluent should be discharged and 'zero' discharge should be adopted.	**Complying with** Presently, treated effluent is partially discharged to the Amba River Estuary as per the permission obtained from MoEFCC – CRZ Division vide letter No F.No.11-7/2023-IA. III dated 5th April 2023. As per EC condition, ZLD shall be installed after completion and implementation of 100% projects from environmental Clearance. The permission is obtained for discharge of treated water approximately 615 M3/Hr.
xv	Full utilization of fly ash should be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash should be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding should be submitted to the Ministry's Regional Office at Bhopal.	**Not Applicable**. The Captive Power are gas based, hence Fly Ash is not generated in the process.
xvi	Hazardous materials required during construction phase and in plant operations should be stored properly as per the regulations and reused/recycled as per the E(P)A Rules.	**Complied**. Hazardous wastes generated from the plant is stored in designated place and disposed to authorized recyclers as per the Hazardous Wastes (Management and Handling and transboundary) guidelines and MPCB consent conditions.

xvii	Vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation to meet prescribed standards.	**Complied**. The vehicle and construction machineries PUCs are checked at Main gate before entering the plant. Electric vehicles are used in the transport pool for internal transportation inside the plant.
xviii	Risk and Disaster Management Plan along with the mitigation measures should be prepared and implemented.	**Complied**. Risk & Disaster Management plan has been prepared and implemented through Dedicated department of Health and Safety.
xix	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants shall be complied as per the guidelines. The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel plants are implemented. • Dry Gas Cleaning plant installed in Blast Furnace. The traditional wet scrubbing process has high pressure drop due which the energy recovery is low (14 MW) but the bag filter has low pressure drop thus has high energy to recovery (36 MW), by using Dry GCP process the energy recovery has increase approx. of 22 MW, which will reduce CO2 emissions by approx. 1.4 Lac.tCO2eq. This system saves specific water consumption. • Installed Gas Holders (Coke Oven Gas and LD Gas) which helps the steady network flow for distribution of gas in constant pressure (Operating pressure 996 mmWC). Also it helps to proper utilization of waste gases. It saves CO2 and Energy. • Coke oven plant – Tar sludge / ETP sludge are reused in the Coking process. • Blast Furnace TRT – Energy recovery of top blast furnace gas is being done with power generation through TRT by using top pressure of BF gas. • Coke Oven Plant – Coke Dry Quenching systems (3 Nos) installed and recover the sensible heat of red hot coke, reduce energy consumption and pollution and improve the

		quality of coke. Each CDQ will reduce water consumption by 1920 m3/day and energy of 70 MW will be recovered along which will reduce the CO2 emissions by approx. 10.9 Lac.t CO2eq • Steel Melting Shop (SMS), secondary de-dusting system (Gas Cleaning Plants 4 Nos) has been installed to control fugitive emissions • Coal Injection Plant for direct injection of pulverized coal in furnace has been implemented. Present rate of CDI in our Blast Furnace is 200 Kg/THM (average for the year 2022-23). • BF Slag- 100% utilized in Cement plant. • EAF slag- 100 % for construction activities for expansion projects by land filling in the low lying areas and is also being used for internal road making. Using EAF slag as aggregates for roads in National Highway (Concrete and asphalt roads) • Cast House Fume extraction system inclusive of tap holes, runners, skimmers, ladle and charging points have been provided to control Fugitive emissions from Blast Furnace. **Hence the condition has been complied.**
xx	All the commitments made to the public during public hearing/public consultation should be satisfactorily implemented and adequate budget provision should be made accordingly.	**Being Complied**. Separate budget is maintained for implementing projects/ issues discussed during Public Hearing. CSR activities in various sectors are being done in the surrounding villages and a time bound action plan for various CSR activities have been submitted to MoEF&CC as per EAC recommendation of 2.5% of project cost. The project proponent has spent Rs 13.42 Crores for the year 2023-24 (April to March 2024). The above amount has been spent on Social Development- (Education & Training), Skill Development, Water and Sanitization, Agriculture, Rural Development, Health, Solid Wastes Management and Community

		Development.
xxi	All the permanent workers should be covered under ESI Scheme. The company should hive the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency. Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. should be conducted amongst the employees of the Company.	**Being Complied**. As per the Factories Act, regular health check-up has been done for workers and employees & records are maintained on regular basis. Annual Medical Check-up conducted for medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc.
B) General Conditions		
i	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board and the State Government.	**Complying with** Consent to Establish and Consent to operate received from Maharashtra Pollution Control Board (MPCB). The compliance is regularly monitored by MPCB.
ii	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and Shall be complied.
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, S02 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Nagpur and the SPCB/CPCB once in six months.	**Complying with** 5 Nos. online Ambient Air Quality Monitoring Station with consultation of MPCB & data connected the same to MPCB & CPCB Website. Six monthly compliance including ambient air quality is submitted to Regional Office at Nagpur.
iv	Industrial wastewater should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 313' December, 1993 or as amended from time to time. The treated wastewater should be utilized for plantation purpose.	**Being Complied**. Waste water treatment facility is provided to treat the industrial effluent. Treated effluent is used in the coke slag quenching. Treated Sewage from STP is used in plantation and green belt development.
v	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70	**Complied**. Noise control measures are implemented like acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

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

		Hence the condition has been complied.
xi	The project proponent should upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and should update the same periodically. It should simultaneously be sent to the Regional Office of the MOEFCC at Nagpur. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects should be monitored and displayed at a convenient location near the main gate of the company in the public domain.	**Complied**. The project proponent has been uploading the status of compliance of the stipulated environment clearance conditions, including results of monitoring data on JSW Steel website on a six monthly basis. The EC compliance report and Environmental monitoring reports (for Air, Water, Solid Waste and Hazardous wastes) are submitted to MoEFCC, CPCB, and MPCB on six monthly basis**.** The CEMS data and CAAQMS data are displayed at the main gate.
xii	The project proponent should also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Nagpur / CPCB / SPCB should monitor the stipulated conditions.	The project proponent has been submitting six monthly Environmental Clearance compliance report and six monthly Environmental monitoring reports to Regional Office of MoEFCC, MPCB and CPCB. **Hence the condition has been complied.**
xiii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, should also be put on the website of the company along with the status of compliance of environmental conditions and should also be sent to the respective Regional Office of the MOEFCC at Nagpur by e-mail.	Environment Statement (Form-V) for 2023-24 submitted to MPCB, Compliance of Environmental Clearance is submitted to Regional Office of the MOEF&CC at Nagpur by e-mail. **Hence the condition has been complied.**
xiv	The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at	**Complied**. The project proponent has Published the information of receipt of Environment clearance from MoEFCC in newspaper as per guidelines provided in Local newspaper Dainik Krushiwal, Raigad Times, Ramprahar dated August 30, 2015 and English newspaper Indian Express dated

	http:/envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one should be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Nagpur.	September 01, 2015.
xv	Project authorities should inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	**Complied**. All the information of stages of development of projects are submitted to regional Office, MOEF&CC, Nagpur along with six monthly compliance report.
14	M/s. Dolvi Coke Projects Ltd shall abide by all the commitments and recommendations made in the EIA /EMP report and that during presentation to the EAC; commitments made during the Public Hearing held on 28/01/2014 for integrated steel plant	JSW Shall comply the Conditions as per the commitments made during Public Hearing.
15	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
16	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
17	The PP shall ensure no change in the pollution load; and no conflict in sharing in common facilities in day to day operations.	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel shall not change the pollution load.
18	All the liabilities regarding environmental issues of Coke Ovens including by-product plant will be the responsibility of the new company i.e. Dolvi Coke Projects Limited	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel Ltd shall comply to all the Environmental issues of Coke Oven plant II
19	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (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.	The project proponent has confirmed that as per the amendment in the EC dated 22 November 2021, JSW Steel Ltd shall regularly be complying for • The water (Prevention& Control of Pollution) Act 1974, • The Air (Prevention and Control of Pollution) Act, 1981 • The Environment (Protection) Act 1986 • The Public Liability Insurance Act, 1991 along with their amendments and rules.

		Hence the condition has been complied.
20	This Environmental Clearance is partial modification of the J-11011/76/2013-IA II (I) dated 25th August 2015.	The project proponent has acknowledged the same.
21	Any appeal against this EC shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green tribunal Act 2010.	The project proponent has acknowledged it and shall compile with the same.

Annexure 1 A

Six Monthly Environmental Monitoring Report for Plants under Phase 1 (up to 5 MTPA) Steel Plant at JSW Steel Ltd

(April to September 2024)

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

November 28, 2024

JSWSL/ENV/MOEF&CC/2024

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 April 2024 to September 2024.

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 April 2024 to September 2024 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

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.	PARAMETERS	UNIT	VALUES					
No.			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
1	Chromium	mg/l	0.0015	0.0016	0.0014	0.0016	0.0015	0.0016
2	Zinc	mg/l	0.092	0.093	0.091	0.092	0.090	0.092
3	Phosphate	mg/l	0.93	0.92	0.93	0.91	0.92	0.91
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					
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
1	Temperature	°C	27.2	27.2	27.1	27	27.3	27.2
2	pH	-	7.3	7.2	7.3	7.2	7.3	7.2
3	D.O.	mg/l	5.4	5.4	5.3	5.4	5.5	5.5
4	T.S.S.	mg/l	21.2	19.3	20.0	18.4	19.2	18.6
5	T.D.S.	mg/l	356.4	354.8	321.0	329.0	314	339
6	C.O.D.	mg/l	23.4	26.5	21.3	27.5	23.9	25.5
7	B.O.D.	mg/l	6.8	7.0	6.3	7.2	6.9	7.0
8	Oil & Grease	mg/l	3.5	3.4	3.2	3.4	3.3	3.5
9	Iron	mg/l	0.40	0.30	0.35	0.4	0.40	0.40
10	Chlorides	mg/l	48.0	50.00	34.98	50.0	57.50	52.00
11	Sulphates	mg/l	2.3	2.3	2.25	3.3	2.3	2.3
12	Bioassay Test on 100 % Effluent for 96 Hours.	Survival Rate	100%	100%	100%	100%	100%	100%
13	Receiving Water Body Temperature	^{0}C	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					
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
1	Temperature	°C	56.4	56.2	56.2	56.1	56.2	56.1
2	pH	-	8.3	8.2	8.3	8.1	8.2	8.1
3	D.O.	mg/l	2.1	2.2	2.0	2.2	2.2	2.2
4	T.S.S.	mg/l	621.6	616.1	632.0	623.2	612.8	615.8
5	T.D.S.	mg/l	449.2	445.0	412.0	422.2	395.3	470.4
6	C.O.D.	mg/l	46.7	50.4	53.3	48.8	50.4	46.7
7	B.O.D.	mg/l	7.7	7.9	7.8	7.6	7.6	7.9
8	Oil & Grease	mg/l	4.5	4.3	4.0	4.6	4.8	4.7
9	Iron	mg/l	1.4	1.3	1.31	1.34	1.353	1.31
10	Chlorides	mg/l	157.0	142.5	145.00	110	140	140.00
11	Sulphates	mg/l	3.3	3.3	3.30	3.3	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

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
I	**Hot Strip Mill Plant**					**Plant Capacity: 3.0 MTPA**						
1	GCP - I Stack	SMS Furnace	70.5	5.5	Bag Filters	10/04/24 11:15 Hrs	8477.0	16.46	8	13.0	16.0	19.0
						01/05/24 10:00 Hrs	9674.0	16.38	8	15.0	23.6	16.0
						16/06/24 13:30 Hrs	9594.0	16.46	21	18.0	4.8	15.0
						02/07/24 15:15 Hrs	5701.0	16.65	6	16.0	21.4	17.0
						02/08/24 11:00 Hrs	9269.0	16.70	6	14.0	17.0	29
						01/09/24 10:30 Hrs	9914.0	16.92	17	15.0	20.5	25.55
2	GCP - II Stack	SMS Furnace	70.5	5.5	Bag Filters	12/04/24 11:20 Hrs	14531.0	15.31	6	10.0	14.0	15.9
						01/05/24 14:15 Hrs	9674.0	18.16	5	17.0	29.9	19.0
						16/06/24 12:35 Hrs	9594.0	16.93	12	10.0	3.5	21.4
						02/07/24 15:15 Hrs	5701.0	18.83	11	16.0	20.0	25.0
						02/08/24 13:30 Hrs	9269.0	18.09	10	15.0	19.0	23.0
						01/09/24 12:30 Hrs	9914.0	17	11	18.0	15.7	21
3	GCP - III Stack	SMS Furnace	66.5	3.3	Bag Filters	14/04/24 16:30 Hrs	14286.0	8.74	6	NA	NA	NA
						01/05/24 16:30 Hrs	9674.0	8.81	6	NA	NA	NA
						16/06/24 09:45 Hrs	9594.0	9.15	6	NA	NA	NA
						03/07/24 16:30 Hrs	7783.0	9	6	NA	NA	NA
						02/08/24 15:25 Hrs	9269.0	10	7	NA	NA	NA
						09/09/24 10:25 Hrs	9275.0	9	19	NA	NA	NA
4	Tunnel Furnace - I - A Stack	Tunnel Furnace	50	1.5	Blower	10/04/24 14:25 Hrs	8477	13	15	NA	NA	NA
						07/05/24 16:00 Hrs	8735	10	16	NA	NA	NA
						09/06/24 10:15 Hrs	8723	10	15	NA	NA	NA
						08/07/24 16:00 Hrs	9273.0	11.50	13	NA	NA	NA
						02/08/24 16:35 Hrs	9269.0	12.00	13	NA	NA	NA
						09/09/24 12:35 Hrs	9275.0	10.20	15	NA	NA	NA

*NA-Not Applicable

Preapared 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

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
5	Tunnel Furnace - I - B Stack	Tunnel Furnace	50	1.5	Blower	20/04/24 10:00 Hrs	14193	8	10	12.0	14.0	11
						02/05/24 10:15 Hrs	10209	8	11	14.0	16.0	12
						08/06/24 14:00 Hrs	7337	8	9	25.0	14.0	22
						04/07/24 12:15 Hrs	9412.0	6.50	7	19.0	16.00	21.0
						03/08/24 15:45 Hrs	10247.0	7.80	7	17.0	16.00	19
						02/09/24 09:50 Hrs	8707.0	7.80	19	18.0	17.00	15
6	Tunnel Furnace - II - A Stack	Tunnel Furnace	50	1.5	Blower	20/04/24 14:00 Hrs	14193.0	7.80	2	13.0	19.0	13.0
						02/05/24 14:15 Hrs	10209.0	7.90	1	16.0	15.0	2.0
						16/06/24 14:35 Hrs	9594.0	7.90	2	18.0	27.0	24.0
						04/07/24 14:30 Hrs	9412.0	7	2	17.0	22.0	4.80
						12/08/24 17:00 Hrs	10490.0	8	8	10.1	14.3	5.72
						01/09/24 14:30 Hrs	9914.0	8	16	19.0	15.0	24.00
7	Tunnel Furnace - II - B Stack	Tunnel Furnace	50	1.5	Blower	20/04/24 15:00 Hrs	14193	7	4	12.0	16.0	14
						02/05/24 15:30 Hrs	10209	7	4	17.5	14.7	4
						16/06/24 10:45 Hrs	9594	6	3	15.0	26.0	14
						04/07/24 16:45 Hrs	9412.0	7	4	16.0	18.0	15.00
						12/08/24 15:00 Hrs	10490.0	7	4	14.0	9.3	23.00
						02/09/24 16:30 Hrs	8707.0	7	14	24.0	22.0	12.00
8	18 TPH Boiler Stack	Boiler	65	1.8	Blower	Shut Down 31/04/2022						
9	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

Preapared 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

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
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	19/04/24 10:20 Hrs	613	4	12	NA	NA	NA
						06/05/24 12:05 Hrs	590	5	10	NA	NA	NA
						12/06/24 16:40 Hrs	625	5	12	NA	NA	NA
						19/07/24 10:10 Hrs	614	4	10	NA	NA	NA
						04/08/24 14:23 Hrs	594	4	10	NA	NA	NA
						15/09/24 10:33 Hrs	640	4	14	NA	NA	NA
2	Kiln - I Stack	Kiln - I	48.7	0.914	Bag Filters	04/04/24 14:15 Hrs	284	15	21	15.0	11.0	18
						06/05/24 10:25 Hrs	287	13	22	12.0	18.0	12
						12/06/24 10:00 Hrs	300	14	12	13.0	18.0	21
						08/07/24 10:00 Hrs	280	15	16	14.0	18.0	16.00
						10/08/24 10:00 Hrs	274	16	18	13.0	14.0	16.00
						08/09/24 10:00 Hrs	290	14	26	16.0	14.0	19.00
3	Kiln - II Stack	Kiln - II	48.7	0.914	Bag Filters	04/04/24 10:45 Hrs	350	15	24	12.0	15.00	17
						06/05/24 14:30 Hrs	313	15	20	14.0	13.00	16
						12/06/24 12:22 Hrs	325	16	6	14.0	19.00	15
						08/07/24 11:45 Hrs	340.0	17	7	15.0	17.00	18.00
						10/08/24 12:30 Hrs	325.0	18	8	14.0	16.00	13.00
						08/09/24 12:30 Hrs	340.0	16	18	12.0	15.00	16.00
4	Lime De-dusting system Stack for Kiln I & II	Lime Storage Hopper	25.5	0.825	Bag Filters	19/04/24 12:00 Hrs	613	5	14	NA	NA	NA
						06/05/24 16:20 Hrs	590	6	15	NA	NA	NA
						12/06/24 15:40 Hrs	625	6	13	NA	NA	NA
						08/07/24 14:15 Hrs	620.0	5	5	NA	NA	NA
						15/08/24 10:30 Hrs	614.0	7	7	NA	NA	NA
						13/09/24 10:05 Hrs	640.0	4	17	NA	NA	NA

*NA-Not Applicable

Preapared 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

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
5	Lime Stone De-dusting system stack for Kiln III	Lime Stone Hopper	35	1.4	Bag Filters	19/04/24 14:10 Hrs	585	4	13	NA	NA	NA
						15/05/24 11:10 Hrs	338	4	15	NA	NA	NA
						13/06/24 15:25 Hrs	580	5	16	NA	NA	NA
						19/07/24 12:00 Hrs	557	4	9	NA	NA	NA
						04/08/24 15:33 Hrs	580	6	10	NA	NA	NA
						15/09/24 12:22 Hrs	564	5	15	NA	NA	NA
6	Kiln - III Stack	Kiln - III	60	1.3	Bag Filters	07/04/24 12:15 Hrs	585	13	22	16.0	17.00	15
						04/05/24 10:00 Hrs	390	11	11	12.0	14.00	17
						13/06/24 10:40 Hrs	580	15	19	14.0	16.00	21
						09/07/24 10:00 Hrs	583	9	21	14.0	20.86	16.25
						10/08/24 14:00 Hrs	556	7	27	18.0	16.01	15
						08/09/24 14:45 Hrs	532	8	19	17.0	13.49	14
7	Quick Lime & Lime De-dusting system Stack for Kiln III	Lime Storage Hopper	31	0.960	Bag Filters	19/04/24 16:23 Hrs	585	6	16	NA	NA	NA
						15/05/24 14:33 Hrs	338	6	15	NA	NA	NA
						Plant shut down						
						24/07/24 10:25 Hrs	580	6.5	14	NA	NA	NA
						15/08/24 14:25 Hrs	589	5.6	11	NA	NA	NA
						13/09/24 15:22 Hrs	620	4	15	NA	NA	NA
8	Kiln - IV Stack	Kiln - IV	58	1.3	Bag Filters	04/04/24 16:45 Hrs	590	13	8	14.00	16.00	22
						15/05/24 09:00 Hrs	375	14	24	16.00	14.00	21
						Plant shut down						
						19/07/24 15:20 Hrs	588	5	13	NA	NA	NA
						04/08/24 16:50 Hrs	610	5	13	NA	NA	NA
						15/09/24 14:35 Hrs	600	5	11	NA	NA	NA

*NA-Not Applicable

Preapared 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

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
9	Lime Stone De-dusting system stack for Kiln IV	Lime Stone Dedusting System	35	1.4	Bag Filters	04/04/24 16:45 Hrs	590	13	8	14.00	16.00	22
						15/05/24 09:00 Hrs	375	14	24	16.00	14.00	21
						Plant shut down						
						24/07/24 12:16 Hrs	580	14.5	22	14.0	24.0	22.0
						10/08/24 17:45 Hrs	589	17.4	8	15.0	19.0	27.0
						08/09/24 16:00 Hrs	620	16	12	12.0	16.0	18
10	Lime De-dusting system Stack for Kiln IV	Lime Dedusting System	31	0.960	Bag Filters	03/04/24 12:15 Hrs	590	6.0	17	NA	NA	NA
						16/05/24 09:28 Hrs	590	5.4	15	NA	NA	NA
						13/06/24 12:15 Hrs	580	4.8	13	NA	NA	NA
						09/07/24 12:35 Hrs	583	6	16	NA	NA	NA
						15/08/24 12:10 Hrs	532	7	14	NA	NA	NA
						13/09/24 12:25 Hrs	586	5	16	NA	NA	NA
							CPCB Norms		<100	NA	100	NA
III	**Sponge Iron Plant**						**Plant Capacity: 2.0 MTPA**					
1	Flue Gas Ejector Stack	Reformer	40	2.851	I.D Fan	02/04/24 17:15 Hrs	3771	42	5	12.0	7.6	16
						04/05/24 13:45 Hrs	3978	40	6	24.3	20.8	17
						26/06/24 16:45 Hrs	3496	40	9	17.0	21.0	26
						14/07/24 09:45 Hrs	3865.0	38	1	16.0	14.0	24
						07/08/24 16:00 Hrs	4095.0	40	9	22.0	24.0	28
						23/09/24 16:45 Hrs	4082.0	40	15	18.0	19.0	21.4

*NA-Not Applicable

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

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
2	Furnace Dust Collector Stack	Furnace	30	0.9	Cyclone & Venturi Scrubber	02/04/24 10:30 Hrs	3771	8	26	NA	NA	NA
						04/05/24 11:00 Hrs	3978	6	18	NA	NA	NA
						26/06/24 14:25 Hrs	3496	7	21	NA	NA	NA
						14/07/24 15:15 Hrs	3865.0	7	19	NA	NA	NA
						07/08/24 10:30 Hrs	4095.0	7	22	NA	NA	NA
						23/09/24 10:25 Hrs	4082.0	7	26	NA	NA	NA
3	Screen Dust Collector Stack C304	Prodct screen Area	30	0.9	Venturi Scrubber	22/04/24 14:35Hrs	3864	6	21	NA	NA	NA
						08/05/24 12:05 Hrs	3796	6	23	NA	NA	NA
						28/06/24 14:45 Hrs	3488	6	26	NA	NA	NA
						14/07/24 16:45 Hrs	3865.0	7	16	NA	NA	NA
						07/08/24 14:25 Hrs	4095.0	6	18	NA	NA	NA
						23/09/24 12:35 Hrs	4082.0	7	20	NA	NA	NA
4	Screen Dust Collector Stack I	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	02/04/24 12:00 Hrs	3771	5	28	NA	NA	NA
						07/05/24 10:35 Hrs	3980	7	28	NA	NA	NA
						28/06/24 12:35 Hrs	3488	7	32	NA	NA	NA
						14/07/24 12:30 Hrs	3865.0	8	24	NA	NA	NA
						07/08/24 12:15 Hrs	4095.0	7	21	NA	NA	NA
						26/09/24 15:00Hrs	4098.0	7	33	NA	NA	NA
5	Screen Dust Collector Stack II	Product Screen Area	30	0.9	Cyclone & Venturi Scrubber	27/04/24 07:00 Hrs	3779	5	25	NA	NA	NA
						07/05/24 16:45 Hrs	3980	5	32	NA	NA	NA
						28/06/24 10:15 Hrs	3488	4	29	NA	NA	NA
						13/07/24 09:30 Hrs	3917	6	26	NA	NA	NA
						22/08/24 09:45 Hrs	1587	5	19	NA	NA	NA
						25/09/24 09:00 Hrs	4060	4	22	NA	NA	NA

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JSW STEEL LIMITED

Integrated Steel Mill Complex

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A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
IV	**Blast Furnace Plant**						**Plant Capacity: 3.5 MTPA**					
6	Product Silo Dust Collector Stack	Product Silo	30	0.9	Venturi Scrubber	02/04/24 15:00 Hrs	3771	6	13	NA	NA	NA
						08/05/24 10:15 Hrs	3796	6	18	NA	NA	NA
						28/06/24 16:25 Hrs	3488	4	15	NA	NA	NA
						13/07/24 16:30 Hrs	3917	5	15	NA	NA	NA
						22/08/24 11:45 Hrs	1587	6	23	NA	NA	NA
						23/09/24 15:15 Hrs	4082	5	19	NA	NA	NA
							CPCB Norms		< 50		NA	NA
1	Cast House Dedusting system	Stock House	45	2.5	Bag Filters	06/04/24 10:00 Hrs	5408	8	20	NA	NA	NA
						13/05/24 11:25 Hrs	5159	10	14	NA	NA	NA
						15/06/24 10:30 Hrs	9445	11	22	NA	NA	NA
						10/07/24 10:15 Hrs	10157.0	10	7	NA	NA	NA
						19/08/24 15:15 Hrs	10283.0	12	12	NA	NA	NA
						11/09/24 10:15 Hrs	10175.0	8	24	NA	NA	NA
2	Stock House- 1	Stock House	45	2.5	Bag Filters	16/04/24 10:30 Hrs	6025	17	28	NA	NA	NA
						14/05/24 10:00 Hrs	5204	14	19	NA	NA	NA
						07/06/24 10:30 Hrs	449	14	19	NA	NA	NA
						17/07/24 12:00 Hrs	10066	11	15	NA	NA	NA
						19/08/24 10:15 Hrs	10283	8	16	NA	NA	NA
						19/09/24 10:15 Hrs	102298	8	36	NA	NA	NA

'*NA-Not Applicable

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									Particulate Matter (PM)	SO_2	NOx	CO
3	Stock House- 2	Stock House	45	2.5	Heat Exchanger	16/04/24 15:25 Hrs	6025	8	25	NA	NA	NA
						14/05/24 17:05 Hrs	5204	8	21	NA	NA	NA
						07/06/24 15:40 Hrs	449	8	17	NA	NA	NA
						17/07/24 10:00 Hrs	10066.0	7	10	NA	NA	NA
						19/08/24 12:45 Hrs	10283.0	7	8	NA	NA	NA
						19/09/24 14:30 Hrs	10229.0	7	32	NA	NA	NA
4	Stock House- 3	Stock House	45	2.5	Bag Filters	06/04/24 12:00 Hrs	5408	12	6	16.0	21.0	19
						01/05/24 12:30 Hrs	6226	10	5	22.0	27.0	24
						15/06/24 16:23 Hrs	9445	12	6	18.0	26.0	32
						17/07/24 10:20 Hrs	10066.0	8	17	NA	NA	NA
						19/08/24 16:55 Hrs	10283.0	8	13	NA	NA	NA
						19/09/24 16:10 Hrs	10229.0	8	27	NA	NA	NA
5	Stove stack	Stove Unit	75	5	Heat Exchanger	06/04/24 12:00 Hrs	5408	12	6	16.0	21.0	19
						01/05/24 12:30 Hrs	6226	10	5	22.0	27.0	24
						15/06/24 16:23 Hrs	9445	12	6	18.0	26.0	32
						10/07/24 10:15 Hrs	10157.0	11	6	18.0	26.0	32.00
						11/08/24 17:00 Hrs	9829.0	13	14	23.0	26.0	39.00
						11/09/24 17:00 Hrs	10175.0	11	11	18.0	27.1	25.00
6	16 TPH Boiler Stack	16 TPH Boiler	59.5	1.2	Blower	10/04/24 09:05 Hrs	202	8	18	16.0	15.0	10
						13/05/24 15:30 Hrs	124	9	12	17.0	13.0	10
						15/06/24 12:00 Hrs	129	9	16	14.0	23.0	18
						03/07/24 16:15 Hrs	58.0	7	4	13.0	10.0	15.00
						12/08/24 10:25 Hrs	151.0	7	17	24.0	17.0	23.00
						07/09/24 14:20 Hrs	13.0	7	15	24.0	17.0	23.00

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JSW STEEL LIMITED

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A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
7	Coal Injection Plant	Coal Injection Unit	60.5	1.7	Bag Filters	16/04/24 17:05 Hrs	6025	8	34	NA	NA	NA
						01/05/24 15:30 Hrs	6226	8	29	NA	NA	NA
						15/06/24 14:50 Hrs	9445	8	29	NA	NA	NA
						09/07/24 16:25 Hrs	10182.0	8	17	NA	NA	NA
						12/08/24 12:15 Hrs	9753.0	8	14	NA	NA	NA
						25/09/24 17:05 Hrs	10131.0	7	29	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	18/04/24 16:00 Hrs	7466	6.20	24	NA	NA	NA
						03/05/24 14:05 Hrs	7246	6.80	17	NA	NA	NA
						11/06/24 10:20 Hrs	6573	7.20	17	NA	NA	NA
						05/07/24 10:35 Hrs	7596.0	5.20	15	NA	NA	NA
						14/08/24 10:25 Hrs	7352.0	6.80	13	NA	NA	NA
						17/09/24 10:45 Hrs	7440.0	7.20	21	NA	NA	NA
2	Flux ESP Stack	Raw Material Crushing & Screening House	50	2.404	Electrostatic Precipitators	18/04/24 09:20 Hrs	7466	6.80	25	NA	NA	NA
						03/05/24 15:25 Hrs	7246	7.50	24	NA	NA	NA
						11/06/24 12:05 Hrs	6573	5.90	24	NA	NA	NA
						05/07/24 12:05 Hrs	7596.0	6.80	18	NA	NA	NA
						14/08/24 12:05 Hrs	7352.0	7.20	16	NA	NA	NA
						17/09/24 12:20 Hrs	7440.0	6.50	26	NA	NA	NA

*NA-Not Applicable

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									Particulate Matter (PM)	SO_2	NOx	CO
3	Propotioning ESP Stack	Propotioning House	50	2.404	Electrostatic Precipitators	18/04/24 17:20 Hrs	7466	7.40	28	NA	NA	NA
						03/05/24 16:35 Hrs	7246	7.20	26	NA	NA	NA
						11/06/24 15:35 Hrs	6573	6.80	27	NA	NA	NA
						05/07/24 15:25 Hrs	7596.0	6.50	21	NA	NA	NA
						14/08/24 10:25 Hrs	7352.0	7.80	19	NA	NA	NA
						17/09/24 15:35 Hrs	7440.0	7.50	28	NA	NA	NA
4	Main Stack	Sintering House	140	4.200	Electrostatic Precipitators	18/04/24 11:20 Hrs	7466	8.85	36	24.00	27.00	31
						14/05/24 14:12 Hrs	7202	8.65	37	24.00	32.00	41
						09/06/24 12:30 Hrs	7407	8.71	36	31.00	20.00	27
						15/07/24 11:15 Hrs	7446.0	8.94	32	28.00	19.00	43
						20/08/24 10:00 Hrs	7307.0	9.23	32	38.00	29.00	42
						03/09/24 10:30 Hrs	7319.0	9.22	38	26.00	21.00	28
5	Product Sinter Sizing & Discharge End ESP Stack	Product Sinter Sizing House & Product Discharge End	60	4.508	Electrostatic Precipitators	18/04/24 14:15 Hrs	7466	9.85	31	NA	NA	NA
						14/05/24 11:15 Hrs	7202	9.93	29	NA	NA	NA
						09/06/24 14:45 Hrs	7407	10.00	29	NA	NA	NA
						15/07/24 16:00 Hrs	7446.0	9.37	34	NA	NA	NA
						20/08/24 12:00 Hrs	7307.0	9.75	28	NA	NA	NA
						03/09/24 15:45 Hrs	7319.0	9.55	32	NA	NA	NA

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD and MWh)	Velocity m/sec	Parameters mg/Nm^3			
									Particulate Matter (PM)	SO_2	NOx	CO
VI	**Sinter Plant -II**					**Plant Capacity: 2.5 MTPA**						
1	Main ESP	Sinter Machine	85	5.5	Electrostatic	13/04/24 11:15 Hrs	8150	15.4	28	26.0	28.0	37
						12/05/24 15:30 Hrs	8231	16.8	33	21.0	14.0	24
						06/06/24 12:30 Hrs	8179	17.4	19	16.0	24.0	28
						16/07/24 10:30 Hrs	8086.0	17.5	17	22.0	15.0	28
						13/08/24 11:15 Hrs	3410.0	17.3	22	23.0	20.0	26
						09/09/24 14:15 Hrs	6727.0	17.4	26	17.0	13.0	31
2	Bag Filter- 1 (Flux/Fuel Crush Or Building	Crusher Building	35	4.7	Bag Filters	23/04/24 10:00 Hrs	8144	5.4	12	NA	NA	NA
						12/05/24 10:05 Hrs	8321	6.5	12	NA	NA	NA
						06/06/24 10:30 Hrs	8179	6.5	10	NA	NA	NA
						24/07/24 10:10 Hrs	7526.0	6.1	12	NA	NA	NA
						16/08/24 10:05 Hrs	7828.0	5.8	10	NA	NA	NA
						14/09/24 10:05 Hrs	8150.0	6.2	16	NA	NA	NA
3	Bag Filter- 2 (Flux/Fuel Screen Building)	Screen Building	35	1.4	Bag Filters	17/04/24 14:15 Hrs	8308	4.5	17	NA	NA	NA
						12/05/24 12:10 Hrs	8321	5.1	12	NA	NA	NA
						06/06/24 16:30 Hrs	8179	5.1	14	NA	NA	NA
						11/07/24 10:00 Hrs	8439.0	5.1	16	NA	NA	NA
						16/08/24 12:25 Hrs	7828.0	4.2	18	NA	NA	NA
						12/09/24 10:20 Hrs	8391.0	5.2	23	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
4	Bag Filter- 3(Near Sinter Product Screen Building)	Sinter Product Screen Building	29	1.0	Bag Filters	17/04/24 16:22 Hrs	8308	4.6	16	NA	NA	NA
						12/05/24 16:45 Hrs	8321	6.2	16	NA	NA	NA
						08/06/24 10:35 Hrs	8184	6.2	13	NA	NA	NA
						11/07/24 12:05 Hrs	8439.0	3.9	14	NA	NA	NA
						17/08/24 10:15 Hrs	8345.0	5.5	12	NA	NA	NA
						12/09/24 12:00 Hrs	8391.0	5.2	20	NA	NA	NA
5	Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	Sinter Product Crusher & HLQRF	22	0.9	Bag Filters	17/04/24 10:12 Hrs	8308	4.9	15	NA	NA	NA
						05/05/24 10:15 Hrs	7849	3.4	13	NA	NA	NA
						08/06/24 12:00 Hrs	8184	3.4	18	NA	NA	NA
						11/07/24 14:15 Hrs	8439.0	6.2	17	NA	NA	NA
						17/08/24 12:20 Hrs	8345.0	6.5	15	NA	NA	NA
						12/09/24 14:30 Hrs	8391.0	6.8	19	NA	NA	NA
6	Bag Filter- 5 (Near Banker House & JHO8)	Banker House & JHO8	32	0.9	Bag Filters	17/04/24 12:20 Hrs	8308	3.9	17	NA	NA	NA
						05/05/24 12:30 Hrs	7849	5.2	16	NA	NA	NA
						08/06/24 14:15 Hrs	8184	5.2	16	NA	NA	NA
						11/07/24 16:25 Hrs	8439.0	5.0	19	NA	NA	NA
						17/08/24 15:40 Hrs	8345.0	5.6	16	NA	NA	NA
						12/09/24 15:45 Hrs	8391.0	6.9	21	NA	NA	NA

*NA-Not Applicable

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									Particulate Matter (PM)	SO_2	NOx	CO
7	Bag Filter- 6(Banker House)	Banker House	33.5	1.0	Bag Filters	23/04/24 12:10 Hrs	8144	4.0	13	NA	NA	NA
						05/05/24 14:20 Hrs	7849	3.8	16	NA	NA	NA
						08/06/24 15:25 Hrs	8184	3.8	13	NA	NA	NA
						24/07/24 12:25 Hrs	7526.0	4.1	15	NA	NA	NA
						16/08/24 14:00 Hrs	7828.0	3.8	14	NA	NA	NA
						14/09/24 12:25 Hrs	8150.0	3.8	13	NA	NA	NA
8	Bag Filter- 7 (Fuel Storage Crusher Building)	Fuel Storage Crusher Building	33.5	0.8	Bag Filters	23/04/24 14:25 Hrs	8444	4.2	15	NA	NA	NA
						05/05/24 16:25 Hrs	7849	4.0	14	NA	NA	NA
						08/06/24 16:45 Hrs	8184	4.0	13	NA	NA	NA
						24/07/24 15:15 Hrs	7526.0	3.8	12	NA	NA	NA
						16/08/24 16:23 Hrs	7828.0	4.0	13	NA	NA	NA
						14/09/24 15:35 Hrs	8150.0	4.0	13	NA	NA	NA
VII	**Captive Power Plant (55 MW)**											
1	Boiler Stack	Boiler	40	5.0	Blower	27/04/24 14:00 Hrs	54	14.2	3	21.2	4.2	12
						25/05/24 14:25 Hrs	54	15.3	1	16.6	24.5	23
						19/06/24 16:15 Hrs	54	14.7	2	24.0	26.0	42
						07/07/24 14:30 Hrs	54	12.8	1.5	24.5	2.1	23.0
						18/08/24 10:00 Hrs	54	12.8	1.8	15.0	23.0	19.0
						25/09/24 12:30 Hrs	53	13.5	2.8	16.0	21.0	26.6
	*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	27/04/24 12:10 Hrs	2241	7.2	17	14.0	21.0	18
						25/05/24 12:25 Hrs	594	6.8	13	21.0	10.0	12
						26/06/24 12:15 Hrs	2710	6.8	6	13.0	16.0	19
						21/07/24 10:30 Hrs	2630.0	7.8	10	NA	NA	NA
						18/08/24 12:00 Hrs	2374.0	6.9	12	NA	NA	NA
						26/09/24 12:30Hrs	2918.0	7.2	14	12.0	14.0	20.72
2	Bar Mill Stack	Reheating Furnace	80	3.0	Bag Filter	27/04/24 10:20 Hrs	2253	16.2	4.20	12.0	16.0	14
						25/05/24 10:05 Hrs	3588	15.4	7.47	12.0	18.0	27
						26/06/24 10:35 Hrs	3369	16.2	8.00	14.0	19.0	26
						21/07/24 12:30 Hrs	4096.0	15.4	7.45	9.0	28.7	35.0
						18/08/24 15:15 Hrs	3175.0	16.2	8.92	18.0	25.0	31.0
						26/09/24 10:20Hrs	3552.0	15.8	10.20	25.0	19.0	17.0
							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	11/04/24 11:30 Hrs	6682	10.7	43	156	124	145
						10/05/24 16:30 Hrs	5332	11	37	156	124	145
						03/06/24 15:25 Hrs	5152	12.5	45	116	145	186
						01/07/24 10:15 Hrs	6837	13.5	42	105	121	138
						06/08/24 15:15 Hrs	7357	7.9	44	115	128	142
						04/09/24 15:40 Hrs	6929	8.9	40	122	136	148
2	Coke Oven Battery Pushing Side	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	11/04/24 15:15 Hrs	6682	6.2	6	NA	NA	NA
						10/05/24 14:15 Hrs	5332	7.8	5	NA	NA	NA
						03/06/24 10:35 Hrs	5152	6.2	7	NA	NA	NA
						01/07/24 14:10 Hrs	6837	2.48	3	NA	NA	NA
						06/08/24 10:25 Hrs	7357	4.49	10	NA	NA	NA
						04/09/24 10:00 Hrs	6929	5.6	16	NA	NA	NA

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									Particulate Matter (PM)	SO_2	NOx	CO
3	Coke Oven Battery Charging Side	Coke Oven Battery Charging Side	29.5	1.5	Bag Filters	11/04/24 16:30 Hrs	6682	4.7	3	NA	NA	NA
						10/05/24 15:05 Hrs	5332	5.6	4	NA	NA	NA
						03/06/24 12:05 Hrs	5152	5.9	6	NA	NA	NA
						01/07/24 16:20 Hrs	6837	2.8	4	NA	NA	NA
						06/08/24 12:00 Hrs	7357	4.41	13	NA	NA	NA
						04/09/24 12:15 Hrs	6929	6.2	15	NA	NA	NA
4	Coal Crushing	Coal Crushing de dusting	19.5	1.5	Bag Filters	29/04/24 10:25Hrs	6597	4.2	12	NA	NA	NA
						18/05/24 10:25 Hrs	5871	3.9	11	NA	NA	NA
						05/06/24 10:05 Hrs	5380	4.2	10	NA	NA	NA
						02/07/24 14:30 Hrs	6453.0	4.8	9	NA	NA	NA
						09/08/24 10:05 Hrs	7008.0	5.2	10	NA	NA	NA
						24/09/24 10:25 Hrs	6913.0	6.2	14	NA	NA	NA
5	Coke Cutting	Coke Cutting de dusting	25	1.8	Bag Filters	22/04/24 10:15Hrs	7224	5.1	16	NA	NA	NA
						18/05/24 12:15 Hrs	5871	5.6	14	NA	NA	NA
						05/06/24 12:25 Hrs	5380	5.1	14	NA	NA	NA
						02/07/24 16:45 Hrs	6453.0	3.9	12	NA	NA	NA
						09/08/24 12:15 Hrs	7008.0	6.0	14	NA	NA	NA
						26/09/24 10:20Hrs	6853.0	5.8	16	NA	NA	NA
6	Coke Bunker	Coke Bunker	30	2.5	Bag Filters	22/04/24 12:25Hrs	7224	6.8	17	NA	NA	NA
						18/05/24 10:25 Hrs	5871	7.1	16	NA	NA	NA
						05/06/24 14:35 Hrs	5380	6.2	17	NA	NA	NA
						01/07/24 12:25 Hrs	6837.0	7.8	15	NA	NA	NA
						09/08/24 14:25 Hrs	7008.0	6.2	13	NA	NA	NA
						24/09/24 12:00 Hrs	6913.0	7.2	17	NA	NA	NA
7	Boiler	Boiler	30	1.0	Blower	25/04/24 12:10 Hrs	246	7.6	18	14.0	18.0	19
						10/05/24 12:00 Hrs	237	8.1	19	11.5	16.4	21
						10/06/24 12:05 Hrs	5564	8.1	21	10.0	15.0	19
						03/07/24 12:20 Hrs	233.0	6.8	15	15.0	18.0	32
						03/08/24 12:05 Hrs	7048.0	5.8	11	16.0	21.0	25
						18/09/24 12:00 Hrs	406.0	6.5	16	16.0	21.0	25

Preapared 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

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	Coke Oven Battery Main Stack (C &D)	Coke Oven Battery	150	11.04	Natural Draft	21/04/24 15:20 Hrs	7032	13.2	36.5	166.0	118.0	125
						16/05/24 11:25 Hrs	6500	12.9	40.0	123.0	131.0	142
						04/06/24 16:05 Hrs	5340	10.8	36.4	142.0	188.0	166
						06/07/24 15:25 Hrs	6673.0	12.0	38.5	131.0	142.0	152.0
						08/08/24 16:25 Hrs	7224.0	12.0	41.0	105.0	122.0	133.0
						06/09/24 16:25 Hrs	6841.0	10.5	38.9	116.0	132.0	144.0
2	Coke Oven Battery Pushing Side	Coke Oven Battery Pushing Side	30	2.8	Bag Filters	21/04/24 10:10 Hrs	7032	7.2	3.9	NA	NA	NA
						16/05/24 14:20 Hrs	6500	6.8	5.2	NA	NA	NA
						04/06/24 10:22 Hrs	5340	6.1	5.2	NA	NA	NA
						06/07/24 11:05 Hrs	6673.0	7.2	3.5	NA	NA	NA
						08/08/24 10:00 Hrs	724.0	4.0	8.5	NA	NA	NA
						06/09/24 10:35 Hrs	6841.0	6.6	13.5	NA	NA	NA
3	Coke Oven Battery Charging Side	Coke Oven Battery Charging Side	29.5	1.5	Bag Filters	21/04/24 11:50 Hrs	7032	7.0	4.2	NA	NA	NA
						16/05/24 16:15 Hrs	6500	5.8	2.9	NA	NA	NA
						04/06/24 12:15 Hrs	5340	5.5	4.2	NA	NA	NA
						06/07/24 12:35 Hrs	6673.0	6.2	2.5	NA	NA	NA
						08/08/24 12:15 Hrs	7224.0	5.6	12.5	NA	NA	NA
						06/09/24 12:15 Hrs	6841.0	7.2	16.2	NA	NA	NA

*NA-Not Applicable

Preapared By
P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

JSW STEEL LIMITED

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

WORK PLACE AIR QUALITY MONITORING REPORT

Sr. No.	LOCATION	DATE	PM10 (µg/m3)	SO2 (µg/m3)	NOX (µg/m3)
Blast Furnace					
1	Near Stock House	10-04-2024	1719	8.76	24.82
		14/05/2024	1703	8.16	23.05
		07-06-2024	1547	2.89	36.35
		04-07-2024	1862	5.00	19.22
		06-08-2024	1799	5.00	19.27
		09-09-2024	1827	6.30	21.56
2	Near Stove Area	10-04-2024	1668	5.52	24.67
		14/05/2024	1456	6.57	25.44
		08-06-2024	1461	4.20	38.08
		05-07-2024	1240	3.90	18.41
		06-08-2024	1287	3.90	18.50
		09-09-2024	1743	5.80	20.02
3	Near Cast House (East)	10-04-2024	1700	6.57	28.52
		15/05/2024	1514	7.36	23.90
		07-06-2024	1832	2.89	25.96
		04-07-2024	1813	7.40	11.10
		06-08-2024	1681	3.70	13.88
		09-09-2024	1852	9.10	27.68
4	Near Cast House (West)	04-10-2024	1706	7.81	22.90
		15-05-2024	1762	8.11	25.55
		08-06-2024	1784	3.42	24.23
		05-07-2024	1763	4.70	14.59
		07-08-2024	1579	4.70	14.65
		10-09-2024	1615	4.80	19.74
5	Near Slag Granulation Plant	11-04-0224	1404	8.41	16.96
		14/05/2024	1745	8.14	19.27
		07-06-2024	1613	3.68	22.50
		04-07-2024	1217	3.90	18.41
		07-08-2024	1451	3.90	18.50
		09-09-2024	1705	6.00	21.48
6	Near Pig Casting Machine -I	04-11-2024	1789	8.14	24.67
		14/05/2024	1625	8.41	22.35
		08-06-2024	1652	3.15	29.42
		05-07-2024	1559	5.00	16.17
		07-08-2024	1267	5.00	16.19
		10-09-2024	1831	7.10	16.96

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-04-2024	14	38	6.04	10.08	0.83	31	88	6.54	34.25	0.87	18	17	5.47	28.74	0.52	31	73	5.53	9.63	0.21	46	93	5.65	18.5	0.66
02-04-2024	11	21	6.13	8.12	0.71	28	85	6.24	22.64	0.7	17	18	5.59	30.72	0.57	19	56	4.65	9.79	0..36	54	79	5.05	19.02	0.6
03-04-2024	11	15	6.2	6.93	0.73	26	62	6	17.1	0.71	45	90	5.73	21.99	0.68	16	58	5.22	9.47	0.48	59	85	5.11	14.32	0.6
04-04-2024	19	29	6.22	8.95	0.77	23	91	6.06	24.16	0.59	48	88	5.53	30.25	0.62	19	57	4.83	9.9	1.21	42	92	5.37	15.07	0.59
05-04-2024	11	25	6.15	9.26	0.76	35	86	6.02	33.75	0.95	41	82	5.88	24.5	0.46	21	73	4.66	9.84	0.57	39	91	5.31	14.26	0.59
06-04-2024	46	95	6.13	9.27	0.85	42	87	5.98	29.99	0.82	56	83	6.00	25.47	0.49	29	93	5.38	9.91	0.89	29	87	5.32	16.18	0.58
07-04-2024	58	93	6.13	9.35	0.87	47	81	5.99	29.2	0.73	34	74	5.92	23.17	0.39	26	78	4.82	9.7	1.02	24	60	5.25	15.98	0.62
08-04-2024	33	90	6.21	8.45	0.82	29	81	5.96	21.96	0.83	31	86	6.29	24.36	0.45	20	64	4.94	9.57	0.86	34	88	5.26	15.81	0.58
09-04-2024	26	58	6.22	7.69	0.77	25	76	6.05	21.42	0.82	35	81	5.72	16.37	0.52	18	47	5.19	9.63	0.74	41	73	5.15	12.37	0.54
10-04-2024	21	44	6.05	7.63	0.7	17	62	6.1	13.71	0.6	26	67	5.34	13.3	0.46	18	53	5.54	10.66	1.68	35	58	5.59	19.15	0.46
11-04-2024	18	35	5.98	8.12	0.95	19	57	6.06	18.36	0.81	26	67	5.84	17.96	0.7	18	46	5.24	9.71	1.23	35	73	7.37	63.42	0.6
12-04-2024	17	34	6.04	7.01	0.72	14	45	5.76	19.62	0.57	30	72	5.18	19.96	0.71	42	61	5.9	10.28	0.97	37	60	7.71	70.06	0.71
13-04-2024	19	41	6.03	7.73	0.74	21	72	5.53	21.93	0.53	31	75	5.62	30.08	0.66	11	47	4.67	10.14	1.14	35	59	7.33	67.71	0.62
14-04-2024	25	63	6.11	7.95	0.77	54	95	6.28	23.45	0.49	23	54	5.14	15.68	0.5	20	48	4.91	10.61	1.21	23	52	7.68	61.52	0.55
15-04-2024	43	87	6.16	14.12	0.92	59	99	6.44	26.32	0.76	34	77	5.59	15.91	0.83	28	70	5.69	9.93	0.82	39	66	7.78	54.57	0.73
16-04-2024	44	96	6.14	7.51	0.96	55	96	3.13	20.97	0.75	51	93	5.73	25.39	1.59	18	46	5.68	9.18	1.53	58	94	8.01	23.66	0.84
17-04-2024	28	53	6.04	5.32	0.8	42	87	3	10.91	0.53	37	89	5.79	15.81	1.48	19	42	5.65	9.26	1.37	50	84	7.51	18.16	0.85
18-04-2024	26	49	6.23	6.17	0.84	32	50	6.39	12.15	0.62	36	81	6.59	10.48	1.02	16	50	5.37	10.06	1.05	45	85	7.25	17.27	0.59
19-04-2024	33	73	6.43	6.31	1.03	52	85	8.24	14.19	0.68	34	78	6.44	10.11	0.89	15	47	5.28	9.61	1.31	34	78	7.27	17.24	0.61
20-04-2024	33	79	6.24	7.1	0.84	32	81	7.39	13.79	0.64	30	90	6.78	11.23	0.94	15	60	4.98	9.77	1.73	43	98	7.74	20.19	0.58
21-04-2024	31	82	6.2	6.31	0.86	41	93	5.59	29.27	0.94	26	65	6.35	7.29	0.72	17	65	5.09	9.98	1.06	37	89	7.34	18.69	0.68
22-04-2024	30	82	6.29	7.14	0.87	21	99	5.66	31.12	0.87	24	56	5.96	11.22	0.71	40	76	5.54	10.24	0.57	25	66	7.77	21.68	0.6
23-04-2024	36	94	6.3	7.79	0.87	10	76	6.07	26.82	0.78	25	69	6.09	13.12	0.72	33	60	4.87	10.05	0.92	22	83	7.72	18.97	0.57
24-04-2024	34	84	6.32	7.12	0.88	11	83	6.26	20.87	0.77	33	86	6.76	17.31	0.76	21	57	4.75	10.39	1.29	39	98	7.2	21.97	0.66
25-04-2024	29	67	6.35	5.9	0.86	31	72	5.95	17.82	0.79	31	92	6.94	13.08	0.76	18	55	4.62	10.53	1.24	41	95	7.57	18.04	0.57
26-04-2024	40	68	7.81	10.49	0.97	39	97	9.51	30.39	0.86	28	74	6.01	19.22	0.8	23	62	4.46	13.91	1.79	29	77	7.64	22.37	0.6
27-04-2024	31	70	7.21	8.69	1.11	39	90	5.91	19.1	0.86	35	90	5.61	11.02	0.79	29	83	4.5	9.78	1.24	45	90	7.93	19.36	0.55
28-04-2024	50	85	7.12	9.01	1.19	51	87	6.17	26.85	0.8	46	95	5.88	15.44	0.87	37	86	4.65	9.94	1.03	55	94	7.98	21.4	0.66
29-04-2024	41	99	7.11	9.27	1.26	54	91	6.22	39.55	0.79	44	93	5.83	33.15	0.84	35	90	4.52	11.42	0.57	43	96	7.91	24.17	0.62
30-04-2024	45	83	7.17	9.36	1.19	39	96	6.7	34.11	0.88	42	98	5.81	31.93	0.85	34	94	4.63	11.15	1.05	42	95	7.57	22.37	0.6

Standards	
PM2.5 µg/m3	60
PM10 µg/m3	100
(SO2), µg/m3	80
(NOX), µg/m3	80
CO(mg/m3)	2

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-05-2024	29	70	7.18	6.65	1	29	71	5.73	20.91	0.59	19	69	5.18	16.48	0.78	22	68	4.58	12.27	1.97	36	77	7.51	20.67	0.52
02-05-2024	40	91	8.27	7.27	1.98	31	95	7.38	22.69	0.82	31	90	4.98	18.35	0.96	15	48	4.67	11.11	1.16	38	91	7.23	17.18	0.64
03-05-2024	31	74	7.58	8.4	1.05	35	72	4.24	25.34	0.77	29	92	4.83	18.1	0.97	19	58	4.85	11.11	1.42	41	97	7.31	18.53	0.65
04-05-2024	27	63	7.39	6.83	0.98	45	88	6.49	19.34	0.69	24	61	6.03	10.07	0.82	19	62	4.85	11.74	1.18	33	64	7.66	17.87	0.56
05-05-2024	33	85	7.46	6.88	1.05	19	48	5.77	11.35	0.77	23	54	5.73	9.28	0.87	15	50	5.28	12.16	2.05	32	57	7	17.59	0.56
06-05-2024	16	37	7.33	6.1	0.96	14	73	7.08	13.27	0.74	18	50	5.82	8.89	0.72	13	38	4.92	13.24	1.39	26	52	7.58	18.49	0.5
07-05-2024	42	90	7.55	6.94	1.28	19	87	6.16	17.55	0.76	22	72	5.79	15.52	1.09	11	26	4.78	11.41	1.17	16	57	7.44	16.27	0.46
08-05-2024	26	67	7.49	6	0.98	13	59	6.08	13.31	0.71	18	57	5.2	10.98	0.89	13	36	4.81	13.19	1.42	23	58	7.29	14.74	0.44
09-05-2024	16	37	7.26	5.53	0.94	13	33	6.09	11.8	0.67	17	44	5.05	15.64	0.74	20	36	4.88	9.94	1.14	27	45	7.78	15.99	0.51
10-05-2024	17	42	7.16	5.29	0.97	11	33	6.36	11.76	0.61	17	44	5.48	16.21	0.69	22	71	5.18	11.43	1.3	26	47	8.06	15.13	0.46
11-05-2024	28	69	7.22	9.65	1.05	19	80	5.76	16.66	0.62	21	59	5.72	10.7	0.75	23	72	5.29	15.34	2.13	32	81	7.5	17.64	0.52
12-05-2024	19	44	7.25	7.82	1	17	52	6.05	13.56	0.64	21	54	5.73	6.21	0.74	26	66	5.14	10.87	2.09	22	72	7.35	14.86	0.46
13-05-2024	45	88	7.22	9.35	1.36	28	81	6.16	17.53	0.82	27	82	5.32	7.75	0.86	30	79	5.73	9.88	1.46	25	72	7.5	16.84	0.56
14-05-2024	38	96	7.25	9.39	1.4	33	71	5.99	40.62	0.98	43	95	5.52	11.75	1.07	32	85	5.93	10.87	1.67	42	87	8.37	20.28	0.74
15-05-2024	44	69	7.5	9.94	1.55	31	89	6.16	29.16	0.83	39	87	5.64	12.87	1.2	21	47	5.47	9.96	0.97	48	88	8.74	21.43	0.8
16-05-2024	43	88	7.53	16.79	1.31	30	70	6.01	16.08	0.9	29	67	5.55	8.17	0.77	NA	NA	5.06	9.82	1.11	56	77	6.79	17.59	0.61
17-05-2024	21	37	7.75	14.71	1.64	27	88	6.4	23.41	1.09	32	76	6.08	10.56	1.02	39	82	5.13	9.63	1.06	29	65	7.57	20.31	0.74
18-05-2024	34	74	7.41	11.55	1.05	20	62	5.96	12.34	0.68	26	62	6.07	10.01	0.89	36	58	5.29	9.79	0.93	36	61	7.71	15.22	0.5
19-05-2024	56	89	7.31	9.49	1.01	16	49	6.06	7.38	0.62	25	72	6.05	15.35	0.93	47	64	5.65	9.27	0.68	38	68	7.85	14.25	0.51
20-05-2024	54	90	7.62	8.83	1.17	17	92	6.22	9.72	0.66	29	62	6.15	19.71	1.38	21	58	5.34	10.03	0.83	40	74	7.26	15.91	0.64
21-05-2024	20	52	7.26	8.16	0.96	17	66	6.13	11.74	0.63	37	93	6.59	25.69	0.91	28	64	5.2	11.32	0.88	37	68	7.62	14.62	0.45
22-05-2024	33	81	7.64	9.12	0.78	20	86	6.01	12.09	0.57	34	80	6.2	16.15	1.13	46	66	5.47	10.1	0.8	38	72	7.29	14.36	0.48
23-05-2024	22	53	8.41	8.77	0.43	13	84	5.93	10.29	0.46	30	74	6.28	13.84	0.99	21	66	5.31	10.36	0.86	42	89	6.77	14.85	0.45
24-05-2024	37	90	8.59	7.74	0.47	14	81	6.04	10.05	0.59	27	71	6.47	12.94	0.82	20	70	5.42	10.63	0.91	38	77	5.96	14.75	0.43
25-05-2024	50	70	8.48	7.18	0.34	15	88	6.15	8.49	0.67	30	68	6.2	16.1	0.88	19	67	7.14	12.06	1.22	35	88	6.95	14.18	0.42
26-05-2024	16	29	8.46	6.66	0.33	10	27	5.83	7.71	0.48	31	77	6.49	14.13	0.98	20	86	8.78	10.59	1.17	20	86	7.48	12.43	0.41
27-05-2024	20	50	8.43	6.39	0.34	15	34	6.09	6.94	0.57	41	85	7.44	24.06	1.43	12	46	8.19	19.85	0.78	51	83	6.8	13.58	0.45
28-05-2024	15	34	8.53	6.3	0.31	20	40	5.93	7.29	0.52	42	91	7.42	17.69	1.17	15	66	5.79	11.45	1.27	54	89	7.12	13.82	0.46
29-05-2024	31	89	8.77	6.65	0.49	48	90	5.98	7.15	0.54	41	94	7.08	17.65	1.53	13	50	5.86	10.12	0.84	49	95	7.27	14.59	0.46
30-05-2024	56	75	7.63	8.98	0.8	56	79	6.09	8.35	0.62	30	75	6.65	16.75	0.88	21	94	5.8	10.35	1.07	47	97	6.5	13.91	0.45
31-05-2024	23	63	5.91	9.75	0.64	56	64	6.05	9.15	0.66	25	64	6.34	11.84	0.73	19	78	6.41	11.33	1.68	15	62	7.77	14.7	0.41
Max (µg/m3)	**56**	**96**	**9**	**17**	**2**	**56**	**95**	**7**	**41**	**1**	**43**	**95**	**7**	**26**	**1.53**	**47**	**94**	**9**	**20**	**2**	**56**	**97**	**9**	**21**	**1**
Min (µg/m3)	**15**	**29**	**6**	**5**	**0**	**10**	**27**	**4**	**7**	**0**	**17**	**44**	**5**	**6**	**0.69**	**11**	**26**	**5**	**9**	**1**	**15**	**45**	**6**	**12**	**0**
98%tile(µg/m3)	**56**	**93**	**9**	**16**	**2**	**56**	**93**	**7**	**34**	**1**	**42**	**94**	**7**	**25**	**1.47**	**46**	**89**	**8**	**17**	**2**	**55**	**97**	**9**	**21**	**1**
Standards	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dalvi 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
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-06-2024	12	29	5.72	8.75	0.46	27	45	6.19	20.62	0.68	19	53	6.52	12.07	0.82	17	59	6.52	10.44	1.58	20	86	6.55	13.87	0.44
02-06-2024	28	35	5.83	8.66	0.54	44	99	6.11	19.14	0.67	21	53	7.04	11.04	0.71	18	70	6.21	50.38	1.43	19	59	6.93	12.78	0.41
03-06-2024	39	38	6.23	12.87	1.24	59	65	6.13	16.33	0.76	26	57	7.48	12.07	0.77	13	40	6.38	24.53	1.52	28	58	8.04	16.55	0.52
04-06-2024	46	53	6.28	27.08	0.73	44	41	6	24.65	0.73	26	67	7.23	22.08	0.8	28	81	6.54	31.41	1.37	36	80	6.99	20.96	0.47
05-06-2024	27	40	6.39	16.91	1.05	39	89	6	16.81	0.61	25	68	6.88	17.75	2.69	18	65	5.9	32.15	1.04	29	60	7.64	16.28	0.47
06-06-2024	57	50	6.85	18.57	1.61	56	79	5.96	13.23	0.48	25	57	6.89	9.7	0.67	17	66	5.55	16.74	1.05	27	49	7.59	15.4	0.4
07-06-2024	20	51	6.13	13.05	0.5	38	68	6.08	13.15	0.75	30	74	7	13.97	0.67	21	97	5.07	11.93	0.7	37	79	7.64	16.7	0.42
08-06-2024	55	54	6.33	14.37	1.35	44	96	5.98	16.95	1	25	54	7.22	11.36	0.67	19	62	5.41	11.32	1.11	24	51	7.79	16.19	0.44
09-06-2024	57	53	6.54	11.29	1.89	55	64	5.87	12.26	0.82	22	46	7.25	11.75	1.05	15	20	5.51	13.92	0.58	26	40	9.02	14.97	0.6
10-06-2024	20	60	6.33	1.26	0.78	26	43	5.96	9.36	0.83	21	43	6.9	15.14	0.89	11	21	5.9	12.11	0.55	18	34	7.85	14.62	0.46
11-06-2024	42	54	6.51	5.98	1.1	39	89	5.91	9.58	0.81	23	49	6.78	14.73	1.62	11	15	6.29	18.31	0.51	13	43	6.14	15.16	0.52
12-06-2024	48	54	7.03	17.69	1.46	51	74	6.24	14.81	0.58	30	72	7.11	20.91	2.02	13	35	6.6	12.36	0.48	18	44	7.99	15.59	0.54
13-06-2024	NA	44	7.59	19.07	1.75	60	60	6.34	15.9	0.7	12	35	7.06	7.93	0.66	12	19	6.94	12.67	0.58	9	26	7.95	14.6	0.55
14-06-2024	NA	39	7.5	21.08	1.95	49	96	5.11	13.61	0.54	14	30	7.17	9	0.92	12	16	7.25	11.52	0.58	4	22	7.78	13.81	0.44
15-06-2024	58	59	7.1	20.15	2.01	50	59	5.52	14.85	0.53	32	80	8.17	9.35	0.82	14	28	7.5	11.8	0.58	6	26	7.57	13.12	0.46
16-06-2024	49	44	7	16.67	1.69	52	59	6.22	10.48	0.63	38	85	7.69	15.96	1.51	13	20	7.89	10.72	0.62	19	51	8.24	12.9	0.51
17-06-2024	25	88	7.73	18.83	1.59	42	69	6	12.02	0.69	23	61	7.6	13.24	1.07	14	34	8.42	10.6	0.7	39	67	6.28	14.5	0.49
18-06-2024	36	75	7.04	17.16	1.61	34	88	6.09	9.03	0.66	33	94	7.36	15.45	1.24	17	50	8.79	10.36	0.87	43	72	6.88	16.9	0.84
19-06-2024	51	68	6.91	19.67	2.03	42	75	6.13	9.48	0.57	45	75	7.41	15.05	1.36	13	28	9.06	10.41	0.77	46	68	7.38	16.22	0.77
20-06-2024	39	88	8.69	22	1.88	32	81	6.21	7.58	0.58	19	54	7.73	12.57	1.14	15	17	9.81	12.91	0.72	40	57	8.25	15.65	0.74
21-06-2024	40	63	7.84	21.21	1.54	20	92	6.23	6.92	0.74	22	53	7.92	21.25	1.78	6	35	10.45	12.83	0.96	58	96	7.61	17.62	0.88
22-06-2024	56	90	12.6	49.92	0.93	29	79	6.14	8.6	0.85	22	41	7.65	11.42	0.75	NA	30	10.74	12.7	0.96	24	51	8.34	15.17	0.53
23-06-2024	NA	NA	NA	NA	NA	31	57	6.38	8.8	0.5	32	83	7.77	14.49	1.43	NA	54	11.24	12.63	0.86	25	77	7.06	14.44	0.49
24-06-2024	NA	NA	NA	NA	NA	52	95	6.09	9.3	0.6	27	67	7.62	13.13	1.16	NA	64	11.3	13.65	0.86	19	34	7.79	13.15	0.39
25-06-2024	NA	NA	NA	NA	NA	54	75	6.06	11.51	0.63	24	71	7.49	6.75	0.5	NA	83	11.59	11.64	0.88	29	38	6.88	12.62	0.39
26-06-2024	NA	NA	NA	NA	NA	28	68	5.96	11.84	0.61	28	64	7.96	11.35	0.77	NA	21	11.49	12.16	0.89	38	54	6.81	15.7	0.88
27-06-2024	NA	NA	NA	NA	NA	45	43	6.12	10.78	0.51	23	42	7.49	10.02	0.67	NA	NA	NA	NA	NA	25	35	8.29	14.48	1.03
28-06-2024	NA	NA	NA	NA	NA	28	83	6.22	9.76	0.54	22	38	7.24	11.41	0.6	NA	NA	NA	NA	NA	27	50	6.96	15.02	1.07
29-06-2024	NA	NA	NA	NA	NA	47	90	6.12	11.75	0.66	27	59	7.16	14.44	0.73	NA	NA	NA	NA	NA	53	88	8.43	17.4	1.29
30-06-2024	NA	NA	NA	NA	NA	46	55	5.97	9.89	0.6	26	76	7.29	17.94	1.54	NA	NA	NA	NA	NA	43	55	8.04	21.43	1.95
Max (µg/m3)	**58**	**90**	**13**	**50**	**2**	**60**	**99**	**6**	**25**	**1**	**45**	**94**	**8**	**22**	**2.69**	**28**	**97**	**12**	**50**	**2**	**58**	**96**	**9**	**21**	**2**
Min (µg/m3)	**12**	**29**	**6**	**1**	**0**	**20**	**41**	**5**	**7**	**0**	**12**	**30**	**7**	**7**	**0.50**	**6**	**15**	**5**	**10**	**0**	**4**	**22**	**6**	**13**	**0**
98%tile(µg/m3)	**57**	**89**	**11**	**40**	**2**	**59**	**97**	**6**	**22**	**1**	**41**	**88**	**8**	**22**	**2.30**	**25**	**90**	**12**	**41**	**2**	**55**	**91**	**9**	**21**	**2**
Standards	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2.**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**

Showing NA due to the Aqms station is off because rain water is passing in aqms station

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village			
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01-07-2024	NA	NA	6.78	5.00	1.73	17	24	6.48	8.01	0.49	27	79	6.94	14.89	1.2	NA	NA	NA	NA	NA	41	83	8.42	42.69
02-07-2024	23	90	6.6	16.41	1.27	9	78	6.21	8.84	0.52	41	96	7.66	39.79	2.64	NA	NA	NA	NA	NA	59	80	8.97	56.75
03-07-2024	22	84	6.8	15.45	1.09	10	32	6.35	10.03	0.48	37	95	7.73	26.99	2.44	NA	NA	NA	NA	NA	53	87	7.51	68.3
04-07-2024	28	46	6.73	11.57	0.93	12	22	5.79	9.25	0.6	41	84	7.8	34	4.3	NA	NA	NA	NA	NA	41	72	7.78	49.6
05-07-2024	45	87	7.01	5.69	0.87	11	19	6.29	10.33	0.6	41	76	8.31	30.38	3.15	14	42	10.32	15.06	2.15	50	86	9.36	57.77
06-07-2024	18	50	7.43	11.89	0.8	7	17	6.11	8.09	0.58	51	78	8.13	43.77	5.31	86	77	11.36	21.79	1.48	32	95	7.75	42.3
07-07-2024	40	83	7.85	15.33	0.99	10	19	4.08	9.63	0.62	44	78	8.18	33.58	6.13	13	39	10.54	11.27	2.15	39	70	7.06	32.67
08-07-2024	32	83	8.53	32.37	2.75	13	80	6.26	11.35	0.85	13	15	7.81	7.93	4.12	20	9	12.43	17.42	2.07	9	10	5.66	16.16
09-07-2024	NA	NA	NA	NA	NA	17	90	8.14	11.3	0.72	19	24	7.59	8.44	0.67	11	16	11.33	13.03	1.52	14	24	7.06	20.37
10-07-2024	NA	NA	NA	NA	NA	31	80	6.44	13.54	0.63	24	37	8.05	10.92	0.68	14	39	10.26	11.34	0.95	20	33	10.02	22.11
11-07-2024	NA	NA	NA	NA	NA	51	87	6.95	10.37	0.73	25	29	8.29	11.84	0.87	12	16	8.41	13.28	0.66	14	22	8.17	21.42
12-07-2024	NA	NA	NA	NA	NA	27	85	6.45	10.94	0.71	20	25	8.21	22.59	1.29	17	21	9.2	13.65	1.02	17	29	7.11	24.41
13-07-2024	NA	NA	NA	NA	NA	23	82	7.3	11.55	0.62	26	39	8.65	23.87	1.82	9	25	9.03	13.06	0.78	19	46	7.96	25.15
14-07-2024	NA	NA	NA	NA	NA	17	67	5.91	12.33	1.03	25	36	8.38	19.22	1.84	33	75	9.34	13.36	1.3	15	36	7.59	22.02
15-07-2024	NA	NA	NA	NA	NA	14	69	6.62	11.76	0.62	18	21	7.75	16.12	0.87	13	18	9.3	14.98	0.81	15	25	6.64	19.14
16-07-2024	NA	NA	NA	NA	NA	20	82	8.06	9.64	0.61	17	25	8.27	10.79	0.75	12	22	9.47	13.65	0.69	24	64	13	27.47
17-07-2024	NA	NA	NA	NA	NA	18	79	12.7	11.47	0.63	17	29	7.79	11.54	1.16	15	42	9.71	18.97	0.7	16	48	9.33	24.6
18-07-2024	NA	NA	NA	NA	NA	14	81	7.38	10.11	0.78	17	26	7.82	15.45	1.84	17	47	10.03	19.7	0.92	31	62	7.42	27.77
19-07-2024	NA	NA	NA	NA	NA	14	50	7.71	8.16	0.81	25	40	8.06	13.03	1.96	22	59	10.14	25.2	1.01	26	86	7.82	31.55
20-07-2024	NA	NA	NA	NA	NA	13	43	8.05	8.93	0.66	30	49	7.95	18.58	2.85	13	27	10.66	18.22	0.75	55	85	7.91	39.77
21-07-2024	NA	NA	NA	NA	NA	7	55	8.46	9.77	0.57	33	58	8.34	25.44	3.8	22	61	10.25	16.06	0.79	33	84	7.47	34.65
22-07-2024	NA	NA	NA	NA	NA	8	31	8.81	7.96	0.57	41	74	8.22	33.03	3.67	27	78	10.48	16.16	0.86	30	84	7.81	43.24
23-07-2024	NA	NA	NA	NA	NA	16	34	9.09	6.2	0.57	46	76	8.52	43.74	3.3	37	83	10.81	24.47	1.01	21	35	7.89	24.13
24-07-2024	NA	NA	NA	NA	NA	14	27	9.26	7.07	0.57	44	78	8.77	40.91	4.4	51	88	11.3	22.73	1.75	20	30	6.51	17.63
25-07-2024	NA	NA	NA	NA	NA	7	84	9.42	8.51	0.55	43	79	8.63	41	3.23	66	85	11.9	24.31	1.77	22	19	7.49	16.4
26-07-2024	NA	NA	NA	NA	NA	10	20	9.63	8.89	0.46	50	89	8.91	41.73	4.94	56	81	11.87	21.83	0.19	33	69	8.55	19.42
27-07-2024	NA	NA	NA	NA	NA	11	20	9.87	8.06	0.42	48	92	10.06	49.08	3.96	NA	62	10.02	9.55	2.67	29	64	4.98	21.57
28-07-2024	NA	NA	NA	NA	NA	9	33	10.2	7.82	0.5	54	90	9.42	45.86	3.63	NA	63	9.84	9.12	2	35	50	6.13	17.48
29-07-2024	NA	NA	NA	NA	NA	14	41	11	8.61	0.69	45	89	8.94	41.94	4.79	NA	51	10.22	11.52	2.16	39	78	6.89	19.75
30-07-2024	NA	NA	NA	NA	NA	10	30	11.8	8.43	0.68	44	79	9.31	40.5	4.07	NA	27	10.07	9.54	2.03	27	58	7.7	21.66
31-07-2024	NA	NA	NA	NA	NA	10	20	12.3	7.57	0.6	42	89	9.57	42.83	1.41	NA	67	9.94	8.74	2.26	29	40	8.4	19.65
Max (µg/m3)	**45**	**90**	**9**	**32**	**3**	**51**	**90**	**13**	**14**	**1**	**54**	**96**	**10**	**49**	**6**	**86**	**88**	**12**	**25**	**3**	**59**	**95**	**13**	**68**
Min (µg/m3)	**18**	**46**	**7**	**5**	**1**	**7**	**17**	**4**	**6**	**0**	**13**	**15**	**7**	**8**	**1**	**9**	**9**	**8**	**9**	**0**	**9**	**10**	**5**	**16**
Average (µg/m3)	**30**	**75**	**7**	**14**	**1**	**15**	**51**	**8**	**10**	**1**	**34**	**60**	**8**	**28**	**3**	**26**	**49**	**10**	**16**	**1**	**29**	**57**	**8**	**30**
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**

Showing NA due to the Aqms station is off because rain water is passing in aqms station

Prepared By
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Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near 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
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01-08-2024	NA	NA	NA	NA	NA	14	17	12.7	8.17	0.48	41	92	9.61	42.46	2.99	NA	45	10.2	10.74	2.09	23	34	5.77	16.35
02-08-2024	NA	NA	NA	NA	NA	10	12	12.7	8.8	0.44	37	74	9.25	41.28	2.73	NA	48	10.7	20.41	2.09	36	73	5.4	35.65
03-08-2024	NA	NA	NA	NA	NA	7	15	12.9	7.84	0.47	44	79	9.6	43.63	2.41	NA	23	10.93	13.67	2.04	23	78	4.9	37.88
04-08-2024	NA	NA	NA	NA	NA	7	20	12.9	8.2	0.56	34	69	9.02	31.6	2.86	NA	25	11.29	16.29	2.08	3	90	7.81	45.34
05-08-2024	NA	NA	NA	NA	NA	12	16	13.8	9.6	0.49	29	63	8.25	27.7	1.99	NA	24	11.44	13.81	1.09	2	82	6.71	42.93
06-08-2024	NA	NA	NA	NA	NA	11	39	13.1	10.85	0.46	30	67	8.27	31.29	2.78	NA	31	12.33	14.91	2.16	4	37	8.77	23.73
07-08-2024	NA	NA	NA	NA	NA	10	74	12.2	11.34	0.52	34	87	9	34.19	0.49	NA	75	11.6	14.78	2.36	30	39	5.68	23.07
08-08-2024	NA	NA	NA	NA	NA	13	73	12	11.19	0.59	21	49	8.8	16.97	0.27	NA	65	11.77	13.28	2.23	37	55	7.32	26.05
09-08-2024	NA	NA	NA	NA	NA	7	84	12.4	11.27	0.57	23	60	8.64	14.7	0.35	NA	93	12.04	14.14	1.86	33	73	7.52	26.3
10-08-2024	NA	NA	NA	NA	NA	8	95	11.9	12.18	0.51	26	65	9.26	21.44	0.94	NA	40	12.24	13.53	0.16	21	43	6.64	24.04
11-08-2024	NA	NA	NA	NA	NA	26	92	11.4	9.57	0.61	23	63	9.32	24.14	1.07	NA	29	12.1	16.03	0.03	22	49	5.84	24.84
12-08-2024	NA	NA	NA	NA	NA	23	89	11.1	12.66	0.53	17	44	8.88	17.79	1.04	NA	61	11.88	12.55	0.45	21	46	5.72	20.91
13-08-2024	NA	NA	NA	NA	NA	9	94	11.4	13.08	0.48	22	60	8.71	11.57	0.57	NA	83	12.35	14.44	0.93	27	70	6.54	21
14-08-2024	NA	NA	NA	NA	NA	17	58	13	10.26	0.55	18	45	9.1	7.28	0.4	40	84	12.48	12.12	2.55	30	78	6.76	23
15-08-2024	NA	NA	NA	NA	NA	18	94	11.9	10	0.64	17	47	8.68	7.87	0.39	29	87	11.34	11.22	2.73	31	90	8.19	25.87
16-08-2024	NA	NA	NA	NA	NA	14	93	11.4	11.8	0.55	20	58	9.72	8.73	0.52	20	56	12.37	14.65	2.03	37	95	8.9	24.1
17-08-2024	NA	NA	NA	NA	NA	20	86	11.5	11.67	0.59	19	56	9.35	7.95	0.46	31	86	12.99	13.93	1.51	32	79	7.72	24.13
18-08-2024	NA	NA	NA	NA	NA	17	81	12.7	12.84	0.82	16	37	8.82	7.53	0.71	29	83	13.27	12.83	2.84	24	58	6.09	20.98
19-08-2024	NA	NA	NA	NA	NA	12	82	11.8	18.26	1.13	19	41	9.9	5.94	0.85	26	76	13.07	12.89	2.22	13	52	6.31	20.75
20-08-2024	NA	NA	NA	NA	NA	9	68	12.4	17.73	0.87	19	32	8.89	10.45	0.77	13	28	13.23	13.56	1.27	8	39	7.25	20.09
21-08-2024	NA	NA	NA	NA	NA	15	63	12.8	14.1	0.76	18	37	5.06	7.64	0.59	20	56	11.72	11.55	1.29	19	52	8.09	22.2
22-08-2024	NA	NA	NA	NA	NA	24	70	11.4	15.67	0.49	19	46	7.43	13.44	0.72	14	36	10.14	10.94	0.96	25	58	6.55	25.75
23-08-2024	NA	NA	NA	NA	NA	18	78	6.73	16.84	0.52	11	38	6.39	6.53	0.93	8	11	10.71	9.52	0.94	13	38	7.81	20.88
24-08-2024	NA	NA	NA	NA	NA	5	68	6.77	14.02	0.7	25	58	6.7	15.63	1.09	24	55	10.74	10.62	1.12	2	21	6.54	24.8
25-08-2024	NA	NA	NA	NA	NA	8	8	7.67	9.29	0.55	43	79	7.07	26.88	1.79	29	68	10.9	22.67	1.21	14	61	6.59	25.61
26-08-2024	NA	NA	NA	NA	NA	8	9	6.75	9.07	0.51	46	93	7.12	31.98	2.86	13	25	11.22	14.26	0.94	11	40	6.16	19.75
27-08-2024	NA	NA	NA	NA	NA	8	10	5.25	8.3	0.44	32	70	6.68	19.96	2.24	9	13	10.9	9.94	0.93	45	79	7.49	62.96
28-08-2024	NA	NA	NA	NA	NA	8	21	6.95	9.33	0.44	27	65	6.71	15.79	1.54	9	17	10.99	10.94	0.94	40	81	7.28	52.57
29-08-2024	NA	NA	NA	NA	NA	9	76	8.18	11.53	0.49	27	75	6.67	12.98	0.76	32	24	11.12	11.21	0.96	50	82	7.37	59.24
30-08-2024	NA	NA	NA	NA	NA	11	91	9	12.52	0.56	19	54	6.63	15.91	1.52	14	32	11.21	8.72	1.94	11	36	6.61	28.45
31-08-2024	NA	NA	NA	NA	NA	22	79	8.92	13.99	0.56	21	54	6.86	18.32	0.68	27	61	11.69	9.35	2.11	21	30	7.02	22.11
Max (µg/m3)	**0**	**0**	**0**	**0**	**0**	**26**	**95**	**14**	**18**	**1**	**46**	**93**	**10**	**44**	**3**	**40**	**93**	**13**	**23**	**3**	**50**	**95**	**9**	**63**
Min (µg/m3)	**0**	**0**	**0**	**0**	**0**	**5**	**8**	**5**	**8**	**0**	**11**	**32**	**5**	**6**	**0**	**8**	**11**	**10**	**9**	**0**	**2**	**21**	**5**	**16**
Average (µg/m3)	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**13**	**60**	**11**	**12**	**1**	**26**	**60**	**8**	**19**	**1**	**21**	**50**	**12**	**13**	**2**	**23**	**59**	**7**	**29**
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**

Showing NA due to the Aqms station is off because rain water is passing in aqms station

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village			
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01-09-2024	NA	NA	NA	NA	NA	19.32	45.49	7.32	12.27	0.61	20.02	51.24	6.87	12.38	0.48	36.44	68.98	11.56	9.91	2.6	18.22	55.11	8.11	20
02-09-2024	NA	NA	NA	NA	NA	23.9	87.84	6.8	14.18	0.67	22.05	45.65	6.72	9.99	0.53	32.67	57.16	11.34	9.54	2.3	11.22	33.31	7.55	19.2
03-09-2024	NA	NA	NA	NA	NA	12.73	77.26	7.15	15.4	0.59	31.16	67.06	7.64	30.81	1.55	37.31	64.44	11.24	9.23	1.83	33.4	40.48	7.78	22.63
04-09-2024	NA	NA	NA	NA	NA	18.49	92.2	7.25	10.6	0.47	28.72	76.62	7.77	26.81	1.26	34.93	53.3	11.62	11.77	1.78	29.63	47.61	6.4	23.3
05-09-2024	NA	NA	NA	NA	NA	11.86	27.79	7.41	12.59	0.51	29.86	70.08	7.8	30.23	1.51	59.15	90.05	11.65	11	2.0	15.21	40.83	5.7	19.74
06-09-2024	NA	NA	NA	NA	NA	5.87	69.33	6.9	12.47	0.68	31.91	79.84	7.95	28.37	1.61	37.93	63.37	10.27	9.92	1.67	20.7	42.52	6.9	21.46
07-09-2024	NA	NA	NA	NA	NA	0.92	94.87	7.57	15.42	0.64	21.85	54.74	8.02	21.17	1.09	23.31	34.88	9.04	9.19	1.57	34.04	46.55	6.68	19.41
08-09-2024	NA	NA	NA	NA	NA	2.94	90.03	7.65	14.5	0.51	18.62	46.41	7.97	19.94	1.05	16.23	35.16	8.79	7.6	1.28	21.72	26.77	7.58	17.77
09-09-2024	NA	NA	NA	NA	NA	13.13	93.81	7.68	14.95	0.59	17.54	38.93	7.4	15.77	0.63	26.43	65.7	9.34	7.93	1.33	14.62	29.43	7.62	18.52
10-09-2024	NA	NA	NA	NA	NA	14.35	93.4	7.77	13.73	0.51	24.95	52.88	7.05	18.25	1.23	17.82	17.44	9.36	8.04	1.3	9.42	41.26	7.21	22.25
11-09-2024	NA	NA	NA	NA	NA	17.43	91.26	7.95	12.72	0.43	21.53	47.86	6.88	16.93	1.14	16.78	19.95	11.78	8.11	1.31	25.24	43.38	6.44	20.26
12-09-2024	NA	NA	NA	NA	NA	35.58	91.59	8.09	14.04	0.43	21.59	59.02	7.15	14.23	1.1	25.26	35.37	11.71	8.54	1.33	40.68	71.62	6.03	20.56
13-09-2024	NA	NA	NA	NA	NA	18.5	91.31	8.13	13.73	0.48	24.91	60.4	6.54	19.19	1.52	59.73	44.37	12.24	9.03	1.34	37.3	72.37	5.99	21.05
14-09-2024	NA	NA	NA	NA	NA	22.49	94.87	8.16	16.96	0.53	23.32	61.69	6.74	19.63	1.71	19.67	33.64	13.03	9.24	1.42	48.56	86.83	7.46	28.05
15-09-2024	NA	NA	NA	NA	NA	17.93	95.09	8.18	16.58	0.82	16.23	32.57	6.65	10.96	0.66	12.14	18.36	11.41	8.45	1.62	28.79	34.99	7.04	22.15
16-09-2024	NA	NA	NA	NA	NA	16.65	91.64	8.24	15.58	0.62	15.94	28.8	6.75	10.21	0.74	14.65	31.37	9.9	8	1.48	19.22	31.55	7.43	22.39
17-09-2024	NA	NA	NA	NA	NA	23.54	90.98	8.24	12.35	0.72	18.78	37.87	6.9	10.34	0.52	34.55	75.17	9.64	8.69	2.14	12.02	52.42	8.18	25.46
18-09-2024	NA	NA	NA	NA	NA	21.54	91.59	10.7	24.63	0.61	24.5	62.15	6.41	14.68	0.75	23.84	50.97	9.75	7.9	1.59	23.24	58.04	7.02	21.78
19-09-2024	NA	NA	NA	NA	NA	39.99	96.09	12.71	19.74	0.51	23.55	52.82	6.13	9.83	0.67	21.97	51.7	9.81	7.86	1.57	29.89	62.99	6.47	22.71
20-09-2024	NA	NA	NA	NA	NA	44.84	90.96	11.02	17.58	0.59	21.3	48.68	5.76	9.47	0.57	35.33	82.66	10.14	7.95	1.86	41.47	66.81	7.8	25.1
21-09-2024	NA	NA	NA	NA	NA	26.83	96.29	13.06	15.3	0.58	20.63	46.23	6.49	11.81	0.56	39.28	92.45	10.04	9.36	2.34	14.85	69.75	7.47	28.99
22-09-2024	NA	NA	NA	NA	NA	28.38	94.51	13.28	17.28	0.62	21.54	51.09	6.46	10.92	0.57	48.66	95.18	10.27	8.98	2.99	21.62	78.38	7.17	26.59
23-09-2024	NA	NA	NA	NA	NA	18.51	47.3	13.49	20.55	0.47	28.57	55.2	6.3	8.49	0.57	51.5	92.09	10.43	9.32	3.05	43.86	93.4	6.8	22.37
24-09-2024	NA	NA	NA	NA	NA	23.81	88.13	13.33	17.18	0.95	18.84	26.01	6.73	7.7	0.64	40.25	85.78	10.56	8.64	3.02	24.64	32.52	7.65	18.14
25-09-2024	NA	NA	NA	NA	NA	18.82	94.04	13.85	16.36	0.66	22.08	34.93	7.16	15.63	1.24	14.49	21.79	10.39	9.75	1.73	27.7	37.67	6.18	24.88
26-09-2024	NA	NA	NA	NA	NA	15.21	39.33	13.41	10.97	0.61	18.73	36.8	7.54	16.33	0.96	20.09	28.52	10.59	13.23	1.75	20.34	17.59	6.81	22.91
27-09-2024	NA	NA	NA	NA	NA	33.92	95.06	13.09	12.31	0.57	31.51	66.64	8.83	25.61	2.25	28.85	48.37	10.23	8.4	1.73	13.71	51.03	6.75	26.24
28-09-2024	NA	NA	NA	NA	NA	43.79	92.86	12.04	12	0.57	18.18	39.7	7.99	15.2	1.4	27.85	45.03	10.32	8.02	1.7	18.79	36.04	7.29	23.94
29-09-2024	NA	NA	NA	NA	NA	42.19	94.04	10.36	15.04	0.52	23.89	56.88	7.58	13.43	1.19	20.15	36.96	10.4	7.51	1.57	15.29	24.02	6.85	19.71
30-09-2024	NA	NA	NA	NA	NA	47.29	91.08	9.88	13.68	0.75	16.8	34.02	7.46	8.88	0.67	53.34	91.13	10.63	11.34	2.47	24.03	37.03	7.45	22.31
Max (µg/m3)	**0**	**0**	**0**	**0**	**0**	**47**	**96**	**14**	**25**	**1**	**32**	**80**	**9**	**31**	**2**	**60**	**95**	**13**	**13**	**3**	**49**	**93**	**8**	**29**
Min (µg/m3)	**0**	**0**	**0**	**0**	**0**	**1**	**28**	**7**	**11**	**0**	**16**	**26**	**6**	**8**	**0**	**12**	**17**	**9**	**8**	**1**	**9**	**18**	**6**	**18**
Average (µg/m3)	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**23**	**84**	**10**	**15**	**1**	**23**	**51**	**7**	**16**	**1**	**31**	**54**	**11**	**9**	**2**	**25**	**49**	**7**	**22**
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**

Showing NA due to the Aqms station is off because rain water is passing in aqms station

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

Annexure 1 B

Six Monthly Environmental Monitoring Report for Plants under Phase 2 (Expansion from 5 to MTPA) Steel Plant at JSW Steel Ltd

(April to September 2024)

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

November 26, 2024

JSWSL/ENV/MOEF&CC/2024

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 April 2024 to September 2024.

Ref: EC from MoEF, vide F No J-11011/176/2013-IA-II (I) dated 25th August 2015.

Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of April 2024 to September 2024 for Integrated Steel Plant Phase II,Lime calcination plant 5,6,7,Hot Strip Mill Plant-II, Steel Melt Shop -II Blast Furnace Plant-II,Pellet plant -II 175 MW Captive Power Plant, Incineration plant.

This is for your information and record please.

Thanking You,

Yours Faithfully,
For JSW Steel Limited,

Satish Kumar Choudhary
General Manager(Environment)

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

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

STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
I	**Lime Calcination Plant 5,6,7**						**Plant Capacity: 3600 TPD**					
1	Kiln -5 Stack	WHR System Kiln 5	62	1.4	Bag Filters	16/04/24 10:15 Hrs	402	14.60	19	14.0	18.0	21
						22/05/24 10:00 Hrs	398	12.50	17	11.0	15.0	19
						13/06/24 10:10 Hrs	514	14.20	19	14.0	16.0	22
						17/07/24 10:35 Hrs	530	12.00	17	16.0	21.0	18
						23/08/24 10:25 Hrs	367	12.00	20	16.0	21.0	18
						19/09/24 10:20 Hrs	470	12.50	19	12.0	15.0	20
2	Kiln -6 Stack	WHR System Kiln 6	62	1.4	Bag Filters	16/04/24 12:25 Hrs	530	13.20	21	10.0	15.0	17
						22/05/24 12:15 Hrs	424	14.00	20	12.0	17.0	22
						13/06/24 12:20 Hrs	529	12.60	23	10.0	14.0	17
						17/07/24 11:05 Hrs	575	14.00	24	15.0	19.0	22
						23/08/24 12:10 Hrs	545	14.00	23	15.0	19.0	22
						19/09/24 12:15 Hrs	417	14.00	23	13.0	17.0	19
3	Kiln -7 Stack	WHR System Kiln 7	62	1.4	Bag Filters	16/04/24 15:25 Hrs	524	12.40	25	11.0	16.0	14
						22/05/24 15:25 Hrs	414	11.00	22	10.0	18.0	24
						13/06/24 16:25 Hrs	476	13.20	26	12.0	17.0	23
						17/07/24 12:35 Hrs	582	15.00	21	10.0	16.0	20
						23/08/24 14:35 Hrs	575	15.00	18	10.0	16.0	20
						19/09/24 16:35Hrs	597	15.00	26	11.0	15.0	22
4	LDE-1 (Kiln discharge - product)	common for kiln 5,6,7	35	1.2	Bag Filters	18/04/24 10:35 Hrs	1297	3.80	12	NA	NA	NA
						15/05/24 10:25 Hrs	1398	4.2	10	NA	NA	NA
						04/06/24 10:25 Hrs	1067	4.8	12	NA	NA	NA
						17/07/24 15:05 Hrs	1687	5.1	15	NA	NA	NA
						18/08/24 10:25 Hrs	1389	5.1	13	NA	NA	NA
						20/09/24 10:05Hrs	1648	4.3	15	NA	NA	NA

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Checked By
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General Manager Environment

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

STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
5	LDE-2 (Kiln feed building - raw material)	common for kiln 5,6,7	37	1.75	Bag Filters	19/04/24 10:25 Hrs	1455	4.1	16	NA	NA	NA
						15/05/24 12:30 Hrs	1398	5.2	14	NA	NA	NA
						05/06/24 10:05 Hrs	1046	5	15	NA	NA	NA
						07/07/24 10:45 Hrs	1654	6.5	12	NA	NA	NA
						18/08/24 16:35 Hrs	1389	6.5	16	NA	NA	NA
						21/09/24 14:35Hrs	1435	3.8	16	NA	NA	NA
6	LDE-3 (Junction house - raw material)	common for kiln 5,6,7	30	0.65	Bag Filters	18/04/24 12:05 Hrs	1297	5.10	11	NA	NA	NA
						15/05/24 15:25 Hrs	1398	4.80	15	NA	NA	NA
						04/06/24 12:05 Hrs	1067	3.90	14	NA	NA	NA
						07/07/24 12:15 Hrs	6154	5.50	16	NA	NA	NA
						18/08/24 12:05 Hrs	1389	5.50	14	NA	NA	NA
						21/09/24 10:15Hrs	1435	4.40	12	NA	NA	NA
7	LDE-4 (Product storage building)	common for kiln 5,6,7	35	1.35	Bag Filters	18/04/24 16:15 Hrs	1297	4.90	15	NA	NA	NA
						16/05/24 10:25 Hrs	1214	3.40	11	NA	NA	NA
						04/06/24 14:35 Hrs	1067	4.60	10	NA	NA	NA
						17/07/24 16:25 Hrs	1687	5.80	14	NA	NA	NA
						18/08/24 14:25 Hrs	1389	5.80	11	NA	NA	NA
						20/09/24 12:00Hrs	1648	4.60	18	NA	NA	NA
8	LDE-5 (Raw material storage building)	common for kiln 5,6,7	33	1.04	Bag Filters	19/04/24 14:45 Hrs	1455	5.20	14	NA	NA	NA
						16/05/24 12:00 Hrs	1214	6.00	10	NA	NA	NA
						05/06/24 12:15 Hrs	1046	5.20	13	NA	NA	NA
						07/07/24 14:25 Hrs	1654	4.90	10	NA	NA	NA
						23/08/24 15:15 Hrs	1487	4.90	12	NA	NA	NA
						21/09/24 16:25Hrs	1435	5.10	14	NA	NA	NA
							Norms		50	400	500	

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JSW STEEL LIMITED
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STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
II	**Pellet Plant II**											
1	Process ESP Stack	Process ESP	100	9.7	Electrostatic Precipitators	25/04/24 14:15 Hrs	20635	16.5	28	14.0	17.0	25.0
						24/05/24 11:05 Hrs	17845	20.0	27	18.0	21.0	28.0
						26/06/24 10:25 Hrs	20010	24.5	28	16.0	24.0	32.0
						19/07/24 10:25 Hrs	20865	22.5	24	18.0	26.0	28.0
						19/08/24 11:05 Hrs	20783	22.5	26	18.0	26.0	28.0
						22/09/24 10:35Hrs	21152	27.0	28	20.0	28.0	32.0
2	De Dusting ESP Stack	De Dusting ESP	50	2.6	Electrostatic Precipitators	25/04/24 16:20 Hrs	20635	13.6	15	10.0	15.0	19.0
						24/05/24 14:25 Hrs	17845	12.5	14	12.0	16.0	21.0
						26/06/24 12:00 Hrs	20010	15.6	16	14.0	18.0	25.0
						19/07/24 12:30 Hrs	20865	13.4	15	15.0	16.0	21.0
						19/08/24 14:25 Hrs	20783	13.4	10	15.0	16.0	21.0
						22/09/24 12:38Hrs	21152	13.8	13	14.0	17.0	23.0
3	Storage Bin Stack	Pellet Storage Bin	45	2.2	Bag Filters	23/04/24 17:00 Hrs	15672	5.2	18	NA	NA	NA
						24/05/24 16:35 Hrs	17845	6.0	16	NA	NA	NA
						26/06/24 15:35 Hrs	20010	5.6	14	NA	NA	NA
						19/07/24 15:22 Hrs	20865	6.5	10	NA	NA	NA
						19/08/24 16:35 Hrs	20783	6.5	13	NA	NA	NA
						22/09/24 16:25Hrs	21152	6.2	16	NA	NA	NA
	*NA-Not Applicable						Norms		50.0	500	500	
III	**SMS -2**						**Plant Capacity: 6.0 MTPA**					
1	Secondary De-Dusting Stack	Secondary De System	98.5	8	Bag Filters	16/04/24 10:00 Hrs	13510.0	24.5	25	15.0	17.0	23.0
						16/05/24 16:25 Hrs	12931.0	26.0	26	18.0	21.0	25.0
						03/06/24 11:25 Hrs	8397.0	28.6	24	16.0	19.0	27.0
						20/07/24 16:10 Hrs	15001	23.5	26	14.0	21.0	29.0
						22/08/24 11:25 Hrs	15254	23.5	22	14.0	21.0	29.0
						21/09/24 15:25Hrs	14777	24.0	19	16.0	20.0	25.0
	*NA-Not Applicable						Norms		50.0	500.0	500	

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STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
IV	**HSM Plant-2**						**Plant Capacity: 5.0 MTPA**					
1	Reheating Furnace Stack -1	Reheating Furnace	82	3.98	blower	16/04/24 12:20 Hrs	12825	15.8	8	15	19	24
						27/05/24 11:05 Hrs	12540	18	9	16	21	28
						19/06/24 10:20 Hrs	13805	14.8	9	16	21	28
						22/07/24 10:30 Hrs	13818	15.6	10	16	21	28
						20/08/24 10:15 Hrs	13067	15.6	9	16	21	28
						17/09/24 10:40Hrs	12658	13	13	16	21	28
2	Reheating Furnace Stack -2	Reheating Furnace	82	3.98	blower	16/04/24 14:25 Hrs	12825	13.2	9	13	16	22
						27/05/24 14:15 Hrs	12540	16	8	14	19	26
						19/06/24 12:45 Hrs	13805	16.2	6	14	19	26
						22/07/24 12:20 Hrs	13818	16.9	9	14	19	26
						20/08/24 12:45 Hrs	13067	16.9	10	14	19	26
						17/09/24 12:45Hrs	12658	14	11	12	16	22
3	Fume Exhaust Stack	Fume Exhaust	30.5	2.55	blower	16/04/24 16:35 Hrs	12825	6.10	9	11.0	14.0	18.0
						27/05/24 16:35 Hrs	12540	5.80	6	10.0	16.0	20.0
						19/06/24 14:45 Hrs	13805	4.80	12	10.0	16.0	20.0
						22/07/24 15:30 Hrs	13818	5.90	10	10.0	16.0	20.0
						20/08/24 16:05 Hrs	13067	5.90	10	10.0	16.0	20.0
						17/09/24 16:35Hrs	12658	6.20	11	15.0	18.0	23.0
	*NA-Not Applicable						Norms		50.0	500.0	500	
V	**Blast Furnace Plant (II)**							**Plant Capacity: 2.8 MTPA**				
1	Cast House Dedusting System	Cast House	71	6.4	Bag Filters	17/04/24 10:25 Hrs	14463	28.0	19	NA	NA	NA
						05/05/24 10:35 Hrs	14282	26.0	21	NA	NA	NA
						15/06/24 14:25 Hrs	14021	25.8	26	NA	NA	NA
						24/07/24 10:45 Hrs	14053	20.0	28	NA	NA	NA
						23/08/24 11:25 Hrs	13964	20.0	26	NA	NA	NA
						15/09/24 10:35Hrs	14136	18.0	28	NA	NA	NA

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STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
2	Stock House De System Stack-1	Stock House	71	6.25	Bag Filters	18/04/24 10:05 Hrs	14256	32.0	24	NA	NA	NA
						05/05/24 14:05 Hrs	14282	28.0	26	NA	NA	NA
						17/06/24 11:15 Hrs	14276	32.0	21	NA	NA	NA
						23/07/24 12:30 Hrs	14021	26.0	26	NA	NA	NA
						01/08/24 11:15 Hrs	14145	26.0	21	NA	NA	NA
						18/09/24 10:25Hrs	14077	19.0	20	NA	NA	NA
3	Stock House De System Stack-2	Stock House	45	2.7	Bag Filters	18/04/24 14:25 Hrs	14256	6.8	19	NA	NA	NA
						08/05/24 10:15 Hrs	14271	7.2	17	NA	NA	NA
						17/06/24 14:25 Hrs	14276	6.9	19	NA	NA	NA
						23/07/24 12:30 Hrs	14021	7.2	15	NA	NA	NA
						01/08/24 14:45 Hrs	14145	7.2	16	NA	NA	NA
						18/09/24 12:00Hrs	14077	10.0	18	NA	NA	NA
4	Stock House De System Stack-3	Stock House	45	1.35	Bag Filters	18/04/24 16:25 Hrs	14256	5.8	17	NA	NA	NA
						08/05/24 12:05 Hrs	14271	5.2	15	NA	NA	NA
						17/06/24 16:40 Hrs	14276	6.2	16	NA	NA	NA
						23/07/24 12:30 Hrs	14021	6.8	13	NA	NA	NA
						01/08/24 16:25 Hrs	14145	6.8	13	NA	NA	NA
						18/09/24 15:15Hrs	14077	6.5	16	NA	NA	NA
5	Coal Injection Stack	Coal Grinding Unit	72.5	2.8	Bag Filters	17/04/24 12:15 Hrs	14463	7.9	19	NA	NA	NA
						08/05/24 15:25 Hrs	14271	7.1	24	NA	NA	NA
						15/06/24 10:35 Hrs	14021	7.5	24	NA	NA	NA
						24/07/24 12:15 Hrs	14053	7.1	20	NA	NA	NA
						22/08/24 11:15 Hrs	13811	7.1	14	NA	NA	NA
						15/09/24 12:45Hrs	14136	6.8	13	NA	NA	NA
6	Pig Iron Granulation Stack	Pig Iron Granulation	35	1	Bag Filters	17/04/24 15:05 Hrs	14463	3.8	10	NA	NA	NA
						08/05/24 16:45 Hrs	14271	4.5	10	NA	NA	NA
						15/06/24 12:15 Hrs	14021	5.5	9	NA	NA	NA
						24/07/24 14:45 Hrs	14053	6.5	10	NA	NA	NA
						22/08/24 14:25 Hrs	13811	6.5	8	NA	NA	NA

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STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (Ton/TPD/KWh)	Velocity m/sec	Parameters mg/Nm^3 as per MPCB Consent			
									Particulate Matter (PM)	SO_2	NOx	CO
						15/09/24 16:25Hrs	14136	5.5	10	NA	NA	NA
							Norms		50.00			
7	Stove stack	Stove Unit	80	4.28		17/04/24 16:55 Hrs	14463	21	10	16.0	19.0	27.0
						05/05/24 16:00 Hrs	14282	22	9	18.0	21.0	28.0
						16/06/24 15:25 Hrs	14160	23.5	8	16.0	19.0	33.0
						24/07/24 16:35 Hrs	14053	21	12	18.0	22.0	38.0
						22/08/24 16:05 Hrs	13811	21	7	18.0	22.0	38.0
						14/09/24 16:45Hrs	14126	15	12	16.0	20.0	32.0
							Norms		30.00	250.00	200.00	
VI	**175 MW CPP**											
1	Boiler Stack	Boiler	58	4.75	Blower	27/04/24 16:15 Hrs	1056	15.6	3	12.0	17.0	21.0
						11/05/24 11:40 Hrs	824	14.0	3	15.0	19.0	28.0
						20/06/24 16:05 Hrs	780	14.0	2	15.0	19.0	28.0
						18/07/24 11:45 Hrs	993	15.0	2	15.0	19.0	28.0
						23/08/24 10:25 Hrs	1039	15.0	6	15.0	19.0	28.0
						14/09/24 114:15Hrs	1142	15.0	10	16.0	18.0	31.0
	*NA-Not Applicable						Norms		50.0	NA	NA	
Incinerator Plant												
1	Incinerator Stack		29.5	0.4		27/04/24 14:25 Hrs	3051	6.2	14	NA	NA	NA
						11/05/24 14:20 Hrs	3077	5.5	16	NA	NA	NA
						27/06/24 10:45 Hrs	3999	5.4	17	NA	NA	NA
						18/07/24 15:25 Hrs	3659	6.2	13	NA	NA	NA
						23/08/24 12:35 Hrs	3984	6.2	17	NA	NA	NA
						14/09/24 11:25Hrs	3974	7.0	15	NA	NA	NA
							Norms		50.0	300.0	400	

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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
01-04-2024	14	38	6.04	10.08	0.83	31	88	6.54	34.25	0.87	18	17	5.47	28.74	0.52	31	73	5.53	9.63	0.21	46	93	5.65	18.5	0.66
02-04-2024	11	21	6.13	8.12	0.71	28	85	6.24	22.64	0.7	17	18	5.59	30.72	0.57	19	56	4.65	9.79	0..36	54	79	5.05	19.02	0.6
03-04-2024	11	15	6.2	6.93	0.73	26	62	6	17.1	0.71	45	90	5.73	21.99	0.68	16	58	5.22	9.47	0.48	59	85	5.11	14.32	0.6
04-04-2024	19	29	6.22	8.95	0.77	23	91	6.06	24.16	0.59	48	88	5.53	30.25	0.62	19	57	4.83	9.9	1.21	42	92	5.37	15.07	0.59
05-04-2024	11	25	6.15	9.26	0.76	35	86	6.02	33.75	0.95	41	82	5.88	24.5	0.46	21	73	4.66	9.84	0.57	39	91	5.31	14.26	0.59
06-04-2024	46	95	6.13	9.27	0.85	42	87	5.98	29.99	0.82	56	83	6.00	25.47	0.49	29	93	5.38	9.91	0.89	29	87	5.32	16.18	0.58
07-04-2024	58	93	6.13	9.35	0.87	47	81	5.99	29.2	0.73	34	74	5.92	23.17	0.39	26	78	4.82	9.7	1.02	24	60	5.25	15.98	0.62
08-04-2024	33	90	6.21	8.45	0.82	29	81	5.96	21.96	0.83	31	86	6.29	24.36	0.45	20	64	4.94	9.57	0.86	34	88	5.26	15.81	0.58
09-04-2024	26	58	6.22	7.69	0.77	25	76	6.05	21.42	0.82	35	81	5.72	16.37	0.52	18	47	5.19	9.63	0.74	41	73	5.15	12.37	0.54
10-04-2024	21	44	6.05	7.63	0.7	17	62	6.1	13.71	0.6	26	67	5.34	13.3	0.46	18	53	5.54	10.66	1.68	35	58	5.59	19.15	0.46
11-04-2024	18	35	5.98	8.12	0.95	19	57	6.06	18.36	0.81	26	67	5.84	17.96	0.7	18	46	5.24	9.71	1.23	35	73	7.37	63.42	0.6
12-04-2024	17	34	6.04	7.01	0.72	14	45	5.76	19.62	0.57	30	72	5.18	19.96	0.71	42	61	5.9	10.28	0.97	37	60	7.71	70.06	0.71
13-04-2024	19	41	6.03	7.73	0.74	21	72	5.53	21.93	0.53	31	75	5.62	30.08	0.66	11	47	4.67	10.14	1.14	35	59	7.33	67.71	0.62
14-04-2024	25	63	6.11	7.95	0.77	54	95	6.28	23.45	0.49	23	54	5.14	15.68	0.5	20	48	4.91	10.61	1.21	23	52	7.68	61.52	0.55
15-04-2024	43	87	6.16	14.12	0.92	59	99	6.44	26.32	0.76	34	77	5.59	15.91	0.83	28	70	5.69	9.93	0.82	39	66	7.78	54.57	0.73
16-04-2024	44	96	6.14	7.51	0.96	55	96	3.13	20.97	0.75	51	93	5.73	25.39	1.59	18	46	5.68	9.18	1.53	58	94	8.01	23.66	0.84
17-04-2024	28	53	6.04	5.32	0.8	42	87	3	10.91	0.53	37	89	5.79	15.81	1.48	19	42	5.65	9.26	1.37	50	84	7.51	18.16	0.85
18-04-2024	26	49	6.23	6.17	0.84	32	50	6.39	12.15	0.62	36	81	6.59	10.48	1.02	16	50	5.37	10.06	1.05	45	85	7.25	17.27	0.59
19-04-2024	33	73	6.43	6.31	1.03	52	85	8.24	14.19	0.68	34	78	6.44	10.11	0.89	15	47	5.28	9.61	1.31	34	78	7.27	17.24	0.61
20-04-2024	33	79	6.24	7.1	0.84	32	81	7.39	13.79	0.64	30	90	6.78	11.23	0.94	15	60	4.98	9.77	1.73	43	98	7.74	20.19	0.58
21-04-2024	31	82	6.2	6.31	0.86	41	93	5.59	29.27	0.94	26	65	6.35	7.29	0.72	17	65	5.09	9.98	1.06	37	89	7.34	18.69	0.68
22-04-2024	30	82	6.29	7.14	0.87	21	99	5.66	31.12	0.87	24	56	5.96	11.22	0.71	40	76	5.54	10.24	0.57	25	66	7.77	21.68	0.6
23-04-2024	36	94	6.3	7.79	0.87	10	76	6.07	26.82	0.78	25	69	6.09	13.12	0.72	33	60	4.87	10.05	0.92	22	83	7.72	18.97	0.57
24-04-2024	34	84	6.32	7.12	0.88	11	83	6.26	20.87	0.77	33	86	6.76	17.31	0.76	21	57	4.75	10.39	1.29	39	98	7.2	21.97	0.66
25-04-2024	29	67	6.35	5.9	0.86	31	72	5.95	17.82	0.79	31	92	6.94	13.08	0.76	18	55	4.62	10.53	1.24	41	95	7.57	18.04	0.57
26-04-2024	40	68	7.81	10.49	0.97	39	97	9.51	30.39	0.86	28	74	6.01	19.22	0.8	23	62	4.46	13.91	1.79	29	77	7.64	22.37	0.6
27-04-2024	31	70	7.21	8.69	1.11	39	90	5.91	19.1	0.86	35	90	5.61	11.02	0.79	29	83	4.5	9.78	1.24	45	90	7.93	19.36	0.55
28-04-2024	50	85	7.12	9.01	1.19	51	87	6.17	26.85	0.8	46	95	5.88	15.44	0.87	37	86	4.65	9.94	1.03	55	94	7.98	21.4	0.66
29-04-2024	41	99	7.11	9.27	1.26	54	91	6.22	39.55	0.79	44	93	5.83	33.15	0.84	35	90	4.52	11.42	0.57	43	96	7.91	24.17	0.62
30-04-2024	45	83	7.17	9.36	1.19	39	96	6.7	34.11	0.88	42	98	5.81	31.93	0.85	34	94	4.63	11.15	1.05	42	95	7.57	22.37	0.6

Standards	
PM2.5 µg/m3	60
PM10 µg/m3	100
(SO2), µg/m3	80
(NOX), µg/m3	80
CO(mg/m3)	2

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-05-2024	29	70	7.18	6.65	1	29	71	5.73	20.91	0.59	19	69	5.18	16.48	0.78	22	68	4.58	12.27	1.97	36	77	7.51	20.67	0.52
02-05-2024	40	91	8.27	7.27	1.98	31	95	7.38	22.69	0.82	31	90	4.98	18.35	0.96	15	48	4.67	11.11	1.16	38	91	7.23	17.18	0.64
03-05-2024	31	74	7.58	8.4	1.05	35	72	4.24	25.34	0.77	29	92	4.83	18.1	0.97	19	58	4.85	11.11	1.42	41	97	7.31	18.53	0.65
04-05-2024	27	63	7.39	6.83	0.98	45	88	6.49	19.34	0.69	24	61	6.03	10.07	0.82	19	62	4.85	11.74	1.18	33	64	7.66	17.87	0.56
05-05-2024	33	85	7.46	6.88	1.05	19	48	5.77	11.35	0.77	23	54	5.73	9.28	0.87	15	50	5.28	12.16	2.05	32	57	7	17.59	0.56
06-05-2024	16	37	7.33	6.1	0.96	14	73	7.08	13.27	0.74	18	50	5.82	8.89	0.72	13	38	4.92	13.24	1.39	26	52	7.58	18.49	0.5
07-05-2024	42	90	7.55	6.94	1.28	19	87	6.16	17.55	0.76	22	72	5.79	15.52	1.09	11	26	4.78	11.41	1.17	16	57	7.44	16.27	0.46
08-05-2024	26	67	7.49	6	0.98	13	59	6.08	13.31	0.71	18	57	5.2	10.98	0.89	13	36	4.81	13.19	1.42	23	58	7.29	14.74	0.44
09-05-2024	16	37	7.26	5.53	0.94	13	33	6.09	11.8	0.67	17	44	5.05	15.64	0.74	20	36	4.88	9.94	1.14	27	45	7.78	15.99	0.51
10-05-2024	17	42	7.16	5.29	0.97	11	33	6.36	11.76	0.61	17	44	5.48	16.21	0.69	22	71	5.18	11.43	1.3	26	47	8.06	15.13	0.46
11-05-2024	28	69	7.22	9.65	1.05	19	80	5.76	16.66	0.62	21	59	5.72	10.7	0.75	23	72	5.29	15.34	2.13	32	81	7.5	17.64	0.52
12-05-2024	19	44	7.25	7.82	1	17	52	6.05	13.56	0.64	21	54	5.73	6.21	0.74	26	66	5.14	10.87	2.09	22	72	7.35	14.86	0.46
13-05-2024	45	88	7.22	9.35	1.36	28	81	6.16	17.53	0.82	27	82	5.32	7.75	0.86	30	79	5.73	9.88	1.46	25	72	7.5	16.84	0.56
14-05-2024	38	96	7.25	9.39	1.4	33	71	5.99	40.62	0.98	43	95	5.52	11.75	1.07	32	85	5.93	10.87	1.67	42	87	8.37	20.28	0.74
15-05-2024	44	69	7.5	9.94	1.55	31	89	6.16	29.16	0.83	39	87	5.64	12.87	1.2	21	47	5.47	9.96	0.97	48	88	8.74	21.43	0.8
16-05-2024	43	88	7.53	16.79	1.31	30	70	6.01	16.08	0.9	29	67	5.55	8.17	0.77	NA	NA	5.06	9.82	1.11	56	77	6.79	17.59	0.61
17-05-2024	21	37	7.75	14.71	1.64	27	88	6.4	23.41	1.09	32	76	6.08	10.56	1.02	39	82	5.13	9.63	1.06	29	65	7.57	20.31	0.74
18-05-2024	34	74	7.41	11.55	1.05	20	62	5.96	12.34	0.68	26	62	6.07	10.01	0.89	36	58	5.29	9.79	0.93	36	61	7.71	15.22	0.5
19-05-2024	56	89	7.31	9.49	1.01	16	49	6.06	7.38	0.62	25	72	6.05	15.35	0.93	47	64	5.65	9.27	0.68	38	68	7.85	14.25	0.51
20-05-2024	54	90	7.62	8.83	1.17	17	92	6.22	9.72	0.66	29	62	6.15	19.71	1.38	21	58	5.34	10.03	0.83	40	74	7.26	15.91	0.64
21-05-2024	20	52	7.26	8.16	0.96	17	66	6.13	11.74	0.63	37	93	6.59	25.69	0.91	28	64	5.2	11.32	0.88	37	68	7.62	14.62	0.45
22-05-2024	33	81	7.64	9.12	0.78	20	86	6.01	12.09	0.57	34	80	6.2	16.15	1.13	46	66	5.47	10.1	0.8	38	72	7.29	14.36	0.48
23-05-2024	22	53	8.41	8.77	0.43	13	84	5.93	10.29	0.46	30	74	6.28	13.84	0.99	21	66	5.31	10.36	0.86	42	89	6.77	14.85	0.45
24-05-2024	37	90	8.59	7.74	0.47	14	81	6.04	10.05	0.59	27	71	6.47	12.94	0.82	20	70	5.42	10.63	0.91	38	77	5.96	14.75	0.43
25-05-2024	50	70	8.48	7.18	0.34	15	88	6.15	8.49	0.67	30	68	6.2	16.1	0.88	19	67	7.14	12.06	1.22	35	88	6.95	14.18	0.42
26-05-2024	16	29	8.46	6.66	0.33	10	27	5.83	7.71	0.48	31	77	6.49	14.13	0.98	20	86	8.78	10.59	1.17	20	86	7.48	12.43	0.41
27-05-2024	20	50	8.43	6.39	0.34	15	34	6.09	6.94	0.57	41	85	7.44	24.06	1.43	12	46	8.19	19.85	0.78	51	83	6.8	13.58	0.45
28-05-2024	15	34	8.53	6.3	0.31	20	40	5.93	7.29	0.52	42	91	7.42	17.69	1.17	15	66	5.79	11.45	1.27	54	89	7.12	13.82	0.46
29-05-2024	31	89	8.77	6.65	0.49	48	90	5.98	7.15	0.54	41	94	7.08	17.65	1.53	13	50	5.86	10.12	0.84	49	95	7.27	14.59	0.46
30-05-2024	56	75	7.63	8.98	0.8	56	79	6.09	8.35	0.62	30	75	6.65	16.75	0.88	21	94	5.8	10.35	1.07	47	97	6.5	13.91	0.45
31-05-2024	23	63	5.91	9.75	0.64	56	64	6.05	9.15	0.66	25	64	6.34	11.84	0.73	19	78	6.41	11.33	1.68	15	62	7.77	14.7	0.41
Max (µg/m3)	**56**	**96**	**9**	**17**	**2**	**56**	**95**	**7**	**41**	**1**	**43**	**95**	**7**	**26**	**1.53**	**47**	**94**	**9**	**20**	**2**	**56**	**97**	**9**	**21**	**1**
Min (µg/m3)	**15**	**29**	**6**	**5**	**0**	**10**	**27**	**4**	**7**	**0**	**17**	**44**	**5**	**6**	**0.69**	**11**	**26**	**5**	**9**	**1**	**15**	**45**	**6**	**12**	**0**
98%tile(µg/m3)	**56**	**93**	**9**	**16**	**2**	**56**	**93**	**7**	**34**	**1**	**42**	**94**	**7**	**25**	**1.47**	**46**	**89**	**8**	**17**	**2**	**55**	**97**	**9**	**21**	**1**
Standards	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**

Prepared By
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Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near 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
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-06-2024	12	29	5.72	8.75	0.46	27	45	6.19	20.62	0.68	19	53	6.52	12.07	0.82	17	59	6.52	10.44	1.58	20	86	6.55	13.87	0.44
02-06-2024	28	35	5.83	8.66	0.54	44	99	6.11	19.14	0.67	21	53	7.04	11.04	0.71	18	70	6.21	50.38	1.43	19	59	6.93	12.78	0.41
03-06-2024	39	38	6.23	12.87	1.24	59	65	6.13	16.33	0.76	26	57	7.48	12.07	0.77	13	40	6.38	24.53	1.52	28	58	8.04	16.55	0.52
04-06-2024	46	53	6.28	27.08	0.73	44	41	6	24.65	0.73	26	67	7.23	22.08	0.8	28	81	6.54	31.41	1.37	36	80	6.99	20.96	0.47
05-06-2024	27	40	6.39	16.91	1.05	39	89	6	16.81	0.61	25	68	6.88	17.75	2.69	18	65	5.9	32.15	1.04	29	60	7.64	16.28	0.47
06-06-2024	57	50	6.85	18.57	1.61	56	79	5.96	13.23	0.48	25	57	6.89	9.7	0.67	17	66	5.55	16.74	1.05	27	49	7.59	15.4	0.4
07-06-2024	20	51	6.13	13.05	0.5	38	68	6.08	13.15	0.75	30	74	7	13.97	0.67	21	97	5.07	11.93	0.7	37	79	7.64	16.7	0.42
08-06-2024	55	54	6.33	14.37	1.35	44	96	5.98	16.95	1	25	54	7.22	11.36	0.67	19	62	5.41	11.32	1.11	24	51	7.79	16.19	0.44
09-06-2024	57	53	6.54	11.29	1.89	55	64	5.87	12.26	0.82	22	46	7.25	11.75	1.05	15	20	5.51	13.92	0.58	26	40	9.02	14.97	0.6
10-06-2024	20	60	6.33	1.26	0.78	26	43	5.96	9.36	0.83	21	43	6.9	15.14	0.89	11	21	5.9	12.11	0.55	18	34	7.85	14.62	0.46
11-06-2024	42	54	6.51	5.98	1.1	39	89	5.91	9.58	0.81	23	49	6.78	14.73	1.62	11	15	6.29	18.31	0.51	13	43	6.14	15.16	0.52
12-06-2024	48	54	7.03	17.69	1.46	51	74	6.24	14.81	0.58	30	72	7.11	20.91	2.02	13	35	6.6	12.36	0.48	18	44	7.99	15.59	0.54
13-06-2024	NA	44	7.59	19.07	1.75	60	60	6.34	15.9	0.7	12	35	7.06	7.93	0.66	12	19	6.94	12.67	0.58	9	26	7.95	14.6	0.55
14-06-2024	NA	39	7.5	21.08	1.95	49	96	5.11	13.61	0.54	14	30	7.17	9	0.92	12	16	7.25	11.52	0.58	4	22	7.78	13.81	0.44
15-06-2024	58	59	7.1	20.15	2.01	50	59	5.52	14.85	0.53	32	80	8.17	9.35	0.82	14	28	7.5	11.8	0.58	6	26	7.57	13.12	0.46
16-06-2024	49	44	7	16.67	1.69	52	59	6.22	10.48	0.63	38	85	7.69	15.96	1.51	13	20	7.89	10.72	0.62	19	51	8.24	12.9	0.51
17-06-2024	25	88	7.73	18.83	1.59	42	69	6	12.02	0.69	23	61	7.6	13.24	1.07	14	34	8.42	10.6	0.7	39	67	6.28	14.5	0.49
18-06-2024	36	75	7.04	17.16	1.61	34	88	6.09	9.03	0.66	33	94	7.36	15.45	1.24	17	50	8.79	10.36	0.87	43	72	6.88	16.9	0.84
19-06-2024	51	68	6.91	19.67	2.03	42	75	6.13	9.48	0.57	45	75	7.41	15.05	1.36	13	28	9.06	10.41	0.77	46	68	7.38	16.22	0.77
20-06-2024	39	88	8.69	22	1.88	32	81	6.21	7.58	0.58	19	54	7.73	12.57	1.14	15	17	9.81	12.91	0.72	40	57	8.25	15.65	0.74
21-06-2024	40	63	7.84	21.21	1.54	20	92	6.23	6.92	0.74	22	53	7.92	21.25	1.78	6	35	10.45	12.83	0.96	58	96	7.61	17.62	0.88
22-06-2024	56	90	12.6	49.92	0.93	29	79	6.14	8.6	0.85	22	41	7.65	11.42	0.75	NA	30	10.74	12.7	0.96	24	51	8.34	15.17	0.53
23-06-2024	NA	NA	NA	NA	NA	31	57	6.38	8.8	0.5	32	83	7.77	14.49	1.43	NA	54	11.24	12.63	0.86	25	77	7.06	14.44	0.49
24-06-2024	NA	NA	NA	NA	NA	52	95	6.09	9.3	0.6	27	67	7.62	13.13	1.16	NA	64	11.3	13.65	0.86	19	34	7.79	13.15	0.39
25-06-2024	NA	NA	NA	NA	NA	54	75	6.06	11.51	0.63	24	71	7.49	6.75	0.5	NA	83	11.59	11.64	0.88	29	38	6.88	12.62	0.39
26-06-2024	NA	NA	NA	NA	NA	28	68	5.96	11.84	0.61	28	64	7.96	11.35	0.77	NA	21	11.49	12.16	0.89	38	54	6.81	15.7	0.88
27-06-2024	NA	NA	NA	NA	NA	45	43	6.12	10.78	0.51	23	42	7.49	10.02	0.67	NA	NA	NA	NA	NA	25	35	8.29	14.48	1.03
28-06-2024	NA	NA	NA	NA	NA	28	83	6.22	9.76	0.54	22	38	7.24	11.41	0.6	NA	NA	NA	NA	NA	27	50	6.96	15.02	1.07
29-06-2024	NA	NA	NA	NA	NA	47	90	6.12	11.75	0.66	27	59	7.16	14.44	0.73	NA	NA	NA	NA	NA	53	88	8.43	17.4	1.29
30-06-2024	NA	NA	NA	NA	NA	46	55	5.97	9.89	0.6	26	76	7.29	17.94	1.54	NA	NA	NA	NA	NA	43	55	8.04	21.43	1.95
Max (µg/m3)	**58**	**90**	**13**	**50**	**2**	**60**	**99**	**6**	**25**	**1**	**45**	**94**	**8**	**22**	**2.69**	**28**	**97**	**12**	**50**	**2**	**58**	**96**	**9**	**21**	**2**
Min (µg/m3)	**12**	**29**	**6**	**1**	**0**	**20**	**41**	**5**	**7**	**0**	**12**	**30**	**7**	**7**	**0.50**	**6**	**15**	**5**	**10**	**0**	**4**	**22**	**6**	**13**	**0**
98%tile(µg/m3)	**57**	**89**	**11**	**40**	**2**	**59**	**97**	**6**	**22**	**1**	**41**	**88**	**8**	**22**	**2.30**	**25**	**90**	**12**	**41**	**2**	**55**	**91**	**9**	**21**	**2**
Standards	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**	**60**	**100**	**80**	**80**	**2**

Showing NA due to the Aqms station is off because rain water is passing in aqms station

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-07-2024	NA	NA	6.78	5.00	1.73	17	24	6.48	8.01	0.49	27	79	6.94	14.89	1.2	NA	NA	NA	NA	NA	41	83	8.42	42.69	3.35
02-07-2024	23	90	6.6	16.41	1.27	9	78	6.21	8.84	0.52	41	96	7.66	39.79	2.64	NA	NA	NA	NA	NA	59	80	8.97	56.75	1.36
03-07-2024	22	84	6.8	15.45	1.09	10	32	6.35	10.03	0.48	37	95	7.73	26.99	2.44	NA	NA	NA	NA	NA	53	87	7.51	68.3	2.54
04-07-2024	28	46	6.73	11.57	0.93	12	22	5.79	9.25	0.6	41	84	7.8	34	4.3	NA	NA	NA	NA	NA	41	72	7.78	49.6	1.4
05-07-2024	45	87	7.01	5.69	0.87	11	19	6.29	10.33	0.6	41	76	8.31	30.38	3.15	14	42	10.32	15.06	2.15	50	86	9.36	57.77	2.04
06-07-2024	18	50	7.43	11.89	0.8	7	17	6.11	8.09	0.58	51	78	8.13	43.77	5.31	86	77	11.36	21.79	1.48	32	95	7.75	42.3	1
07-07-2024	40	83	7.85	15.33	0.99	10	19	4.08	9.63	0.62	44	78	8.18	33.58	6.13	13	39	10.54	11.27	2.15	39	70	7.06	32.67	1.13
08-07-2024	32	83	8.53	32.37	2.75	13	80	6.26	11.35	0.85	13	15	7.81	7.93	4.12	20	9	12.43	17.42	2.07	9	10	5.66	16.16	0.41
09-07-2024	NA	NA	NA	NA	NA	17	90	8.14	11.3	0.72	19	24	7.59	8.44	0.67	11	16	11.33	13.03	1.52	14	24	7.06	20.37	0.7
10-07-2024	NA	NA	NA	NA	NA	31	80	6.44	13.54	0.63	24	37	8.05	10.92	0.68	14	39	10.26	11.34	0.95	20	33	10.02	22.11	0.97
11-07-2024	NA	NA	NA	NA	NA	51	87	6.95	10.37	0.73	25	29	8.29	11.84	0.87	12	16	8.41	13.28	0.66	14	22	8.17	21.42	0.64
12-07-2024	NA	NA	NA	NA	NA	27	85	6.45	10.94	0.71	20	25	8.21	22.59	1.29	17	21	9.2	13.65	1.02	17	29	7.11	24.41	0.71
13-07-2024	NA	NA	NA	NA	NA	23	82	7.3	11.55	0.62	26	39	8.65	23.87	1.82	9	25	9.03	13.06	0.78	19	46	7.96	25.15	0.88
14-07-2024	NA	NA	NA	NA	NA	17	67	5.91	12.33	1.03	25	36	8.38	19.22	1.84	33	75	9.34	13.36	1.3	15	36	7.59	22.02	0.74
15-07-2024	NA	NA	NA	NA	NA	14	69	6.62	11.76	0.62	18	21	7.75	16.12	0.87	13	18	9.3	14.98	0.81	15	25	6.64	19.14	0.47
16-07-2024	NA	NA	NA	NA	NA	20	82	8.06	9.64	0.61	17	25	8.27	10.79	0.75	12	22	9.47	13.65	0.69	24	64	13	27.47	1
17-07-2024	NA	NA	NA	NA	NA	18	79	12.7	11.47	0.63	17	29	7.79	11.54	1.16	15	42	9.71	18.97	0.7	16	48	9.33	24.6	0.82
18-07-2024	NA	NA	NA	NA	NA	14	81	7.38	10.11	0.78	17	26	7.82	15.45	1.84	17	47	10.03	19.7	0.92	31	62	7.42	27.77	0.88
19-07-2024	NA	NA	NA	NA	NA	14	50	7.71	8.16	0.81	25	40	8.06	13.03	1.96	22	59	10.14	25.2	1.01	26	86	7.82	31.55	1.19
20-07-2024	NA	NA	NA	NA	NA	13	43	8.05	8.93	0.66	30	49	7.95	18.58	2.85	13	27	10.66	18.22	0.75	55	85	7.91	39.77	1.48
21-07-2024	NA	NA	NA	NA	NA	7	55	8.46	9.77	0.57	33	58	8.34	25.44	3.8	22	61	10.25	16.06	0.79	33	84	7.47	34.65	1.08
22-07-2024	NA	NA	NA	NA	NA	8	31	8.81	7.96	0.57	41	74	8.22	33.03	3.67	27	78	10.48	16.16	0.86	30	84	7.81	43.24	1.1
23-07-2024	NA	NA	NA	NA	NA	16	34	9.09	6.2	0.57	46	76	8.52	43.74	3.3	37	83	10.81	24.47	1.01	21	35	7.89	24.13	0.49
24-07-2024	NA	NA	NA	NA	NA	14	27	9.26	7.07	0.57	44	78	8.77	40.91	4.4	51	88	11.3	22.73	1.75	20	30	6.51	17.63	0.4
25-07-2024	NA	NA	NA	NA	NA	7	84	9.42	8.51	0.55	43	79	8.63	41	3.23	66	85	11.9	24.31	1.77	22	19	7.49	16.4	0.43
26-07-2024	NA	NA	NA	NA	NA	10	20	9.63	8.89	0.46	50	89	8.91	41.73	4.94	56	81	11.87	21.83	0.19	33	69	8.55	19.42	0.38
27-07-2024	NA	NA	NA	NA	NA	11	20	9.87	8.06	0.42	48	92	10.06	49.08	3.96	NA	62	10.02	9.55	2.67	29	64	4.98	21.57	0.41
28-07-2024	NA	NA	NA	NA	NA	9	33	10.2	7.82	0.5	54	90	9.42	45.86	3.63	NA	63	9.84	9.12	2	35	50	6.13	17.48	0.38
29-07-2024	NA	NA	NA	NA	NA	14	41	11	8.61	0.69	45	89	8.94	41.94	4.79	NA	51	10.22	11.52	2.16	39	78	6.89	19.75	0.42
30-07-2024	NA	NA	NA	NA	NA	10	30	11.8	8.43	0.68	44	79	9.31	40.5	4.07	NA	27	10.07	9.54	2.03	27	58	7.7	21.66	0.65
31-07-2024	NA	NA	NA	NA	NA	10	20	12.3	7.57	0.6	42	89	9.57	42.83	1.41	NA	67	9.94	8.74	2.26	29	40	8.4	19.65	0.36
Max (µg/m3)	**45**	**90**	**9**	**32**	**3**	**51**	**90**	**13**	**14**	**1**	**54**	**96**	**10**	**49**	**6**	**86**	**88**	**12**	**25**	**3**	**59**	**95**	**13**	**68**	**3**
Min (µg/m3)	**18**	**46**	**7**	**5**	**1**	**7**	**17**	**4**	**6**	**0**	**13**	**15**	**7**	**8**	**1**	**9**	**9**	**8**	**9**	**0**	**9**	**10**	**5**	**16**	**0**
(µg/m3)	**30**	**75**	**7**	**14**	**1**	**15**	**51**	**8**	**10**	**1**	**34**	**60**	**8**	**28**	**3**	**26**	**49**	**10**	**16**	**1**	**29**	**57**	**8**	**30**	**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 off because rain water is passing in aqms station

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

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-08-2024	NA	NA	NA	NA	NA	14	17	12.7	8.17	0.48	41	92	9.61	42.46	2.99	NA	45	10.2	10.74	2.09	23	34	5.77	16.35	0.36
02-08-2024	NA	NA	NA	NA	NA	10	12	12.7	8.8	0.44	37	74	9.25	41.28	2.73	NA	48	10.7	20.41	2.09	36	73	5.4	35.65	0.78
03-08-2024	NA	NA	NA	NA	NA	7	15	12.9	7.84	0.47	44	79	9.6	43.63	2.41	NA	23	10.93	13.67	2.04	23	78	4.9	37.88	0.77
04-08-2024	NA	NA	NA	NA	NA	7	20	12.9	8.2	0.56	34	69	9.02	31.6	2.86	NA	25	11.29	16.29	2.08	3	90	7.81	45.34	1.7
05-08-2024	NA	NA	NA	NA	NA	12	16	13.8	9.6	0.49	29	63	8.25	27.7	1.99	NA	24	11.44	13.81	1.09	2	82	6.71	42.93	1.74
06-08-2024	NA	NA	NA	NA	NA	11	39	13.1	10.85	0.46	30	67	8.27	31.29	2.78	NA	31	12.33	14.91	2.16	4	37	8.77	23.73	0.42
07-08-2024	NA	NA	NA	NA	NA	10	74	12.2	11.34	0.52	34	87	9	34.19	0.49	NA	75	11.6	14.78	2.36	30	39	5.68	23.07	0.45
08-08-2024	NA	NA	NA	NA	NA	13	73	12	11.19	0.59	21	49	8.8	16.97	0.27	NA	65	11.77	13.28	2.23	37	55	7.32	26.05	0.44
09-08-2024	NA	NA	NA	NA	NA	7	84	12.4	11.27	0.57	23	60	8.64	14.7	0.35	NA	93	12.04	14.14	1.86	33	73	7.52	26.3	0.58
10-08-2024	NA	NA	NA	NA	NA	8	95	11.9	12.18	0.51	26	65	9.26	21.44	0.94	NA	40	12.24	13.53	0.16	21	43	6.64	24.04	0.47
11-08-2024	NA	NA	NA	NA	NA	26	92	11.4	9.57	0.61	23	63	9.32	24.14	1.07	NA	29	12.1	16.03	0.03	22	49	5.84	24.84	0.51
12-08-2024	NA	NA	NA	NA	NA	23	89	11.1	12.66	0.53	17	44	8.88	17.79	1.04	NA	61	11.88	12.55	0.45	21	46	5.72	20.91	0.55
13-08-2024	NA	NA	NA	NA	NA	9	94	11.4	13.08	0.48	22	60	8.71	11.57	0.57	NA	83	12.35	14.44	0.93	27	70	6.54	21	0.43
14-08-2024	NA	NA	NA	NA	NA	17	58	13	10.26	0.55	18	45	9.1	7.28	0.4	40	84	12.48	12.12	2.55	30	78	6.76	23	0.41
15-08-2024	NA	NA	NA	NA	NA	18	94	11.9	10	0.64	17	47	8.68	7.87	0.39	29	87	11.34	11.22	2.73	31	90	8.19	25.87	0.45
16-08-2024	NA	NA	NA	NA	NA	14	93	11.4	11.8	0.55	20	58	9.72	8.73	0.52	20	56	12.37	14.65	2.03	37	95	8.9	24.1	0.42
17-08-2024	NA	NA	NA	NA	NA	20	86	11.5	11.67	0.59	19	56	9.35	7.95	0.46	31	86	12.99	13.93	1.51	32	79	7.72	24.13	0.45
18-08-2024	NA	NA	NA	NA	NA	17	81	12.7	12.84	0.82	16	37	8.82	7.53	0.71	29	83	13.27	12.83	2.84	24	58	6.09	20.98	0.49
19-08-2024	NA	NA	NA	NA	NA	12	82	11.8	18.26	1.13	19	41	9.9	5.94	0.85	26	76	13.07	12.89	2.22	13	52	6.31	20.75	0.58
20-08-2024	NA	NA	NA	NA	NA	9	68	12.4	17.73	0.87	19	32	8.89	10.45	0.77	13	28	13.23	13.56	1.27	8	39	7.25	20.09	0.54
21-08-2024	NA	NA	NA	NA	NA	15	63	12.8	14.1	0.76	18	37	5.06	7.64	0.59	20	56	11.72	11.55	1.29	19	52	8.09	22.2	0.55
22-08-2024	NA	NA	NA	NA	NA	24	70	11.4	15.67	0.49	19	46	7.43	13.44	0.72	14	36	10.14	10.94	0.96	25	58	6.55	25.75	0.5
23-08-2024	NA	NA	NA	NA	NA	18	78	6.73	16.84	0.52	11	38	6.39	6.53	0.93	8	11	10.71	9.52	0.94	13	38	7.81	20.88	0.58
24-08-2024	NA	NA	NA	NA	NA	5	68	6.77	14.02	0.7	25	58	6.7	15.63	1.09	24	55	10.74	10.62	1.12	2	21	6.54	24.8	0.64
25-08-2024	NA	NA	NA	NA	NA	8	8	7.67	9.29	0.55	43	79	7.07	26.88	1.79	29	68	10.9	22.67	1.21	14	61	6.59	25.61	0.68
26-08-2024	NA	NA	NA	NA	NA	8	9	6.75	9.07	0.51	46	93	7.12	31.98	2.86	13	25	11.22	14.26	0.94	11	40	6.16	19.75	0.44
27-08-2024	NA	NA	NA	NA	NA	8	10	5.25	8.3	0.44	32	70	6.68	19.96	2.24	9	13	10.9	9.94	0.93	45	79	7.49	62.96	1.64
28-08-2024	NA	NA	NA	NA	NA	8	21	6.95	9.33	0.44	27	65	6.71	15.79	1.54	9	17	10.99	10.94	0.94	40	81	7.28	52.57	2.03
29-08-2024	NA	NA	NA	NA	NA	9	76	8.18	11.53	0.49	27	75	6.67	12.98	0.76	32	24	11.12	11.21	0.96	50	82	7.37	59.24	2.26
30-08-2024	NA	NA	NA	NA	NA	11	91	9	12.52	0.56	19	54	6.63	15.91	1.52	14	32	11.21	8.72	1.94	11	36	6.61	28.45	0.91
31-08-2024	NA	NA	NA	NA	NA	22	79	8.92	13.99	0.56	21	54	6.86	18.32	0.68	27	61	11.69	9.35	2.11	21	30	7.02	22.11	0.45
Max (µg/m3)	**0**	**0**	**0**	**0**	**0**	**26**	**95**	**14**	**18**	**1**	**46**	**93**	**10**	**44**	**3**	**40**	**93**	**13**	**23**	**3**	**50**	**95**	**9**	**63**	**2**
Min (µg/m3)	**0**	**0**	**0**	**0**	**0**	**5**	**8**	**5**	**8**	**0**	**11**	**32**	**5**	**6**	**0**	**8**	**11**	**10**	**9**	**0**	**2**	**21**	**5**	**16**	**0**
(µg/m3)	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**13**	**60**	**11**	**12**	**1**	**26**	**60**	**8**	**19**	**1**	**21**	**50**	**12**	**13**	**2**	**23**	**59**	**7**	**29**	**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**

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Manager (Environment)

Checked By
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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
DD-MM-YYYY	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
01-09-2024	NA	NA	NA	NA	NA	19.32	45.49	7.32	12.27	0.61	20.02	51.24	6.87	12.38	0.48	36.44	68.98	11.56	9.91	2.6	18.22	55.11	8.11	20	0.43
02-09-2024	NA	NA	NA	NA	NA	23.9	87.84	6.8	14.18	0.67	22.05	45.65	6.72	9.99	0.53	32.67	57.16	11.34	9.54	2.3	11.22	33.31	7.55	19.2	0.44
03-09-2024	NA	NA	NA	NA	NA	12.73	77.26	7.15	15.4	0.59	31.16	67.06	7.64	30.81	1.55	37.31	64.44	11.24	9.23	1.83	33.4	40.48	7.78	22.63	0.4
04-09-2024	NA	NA	NA	NA	NA	18.49	92.2	7.25	10.6	0.47	28.72	76.62	7.77	26.81	1.26	34.93	53.3	11.62	11.77	1.78	29.63	47.61	6.4	23.3	0.45
05-09-2024	NA	NA	NA	NA	NA	11.86	27.79	7.41	12.59	0.51	29.86	70.08	7.8	30.23	1.51	59.15	90.05	11.65	11	2.0	15.21	40.83	5.7	19.74	0.37
06-09-2024	NA	NA	NA	NA	NA	5.87	69.33	6.9	12.47	0.68	31.91	79.84	7.95	28.37	1.61	37.93	63.37	10.27	9.92	1.67	20.7	42.52	6.9	21.46	0.41
07-09-2024	NA	NA	NA	NA	NA	0.92	94.87	7.57	15.42	0.64	21.85	54.74	8.02	21.17	1.09	23.31	34.88	9.04	9.19	1.57	34.04	46.55	6.68	19.41	0.56
08-09-2024	NA	NA	NA	NA	NA	2.94	90.03	7.65	14.5	0.51	18.62	46.41	7.97	19.94	1.05	16.23	35.16	8.79	7.6	1.28	21.72	26.77	7.58	17.77	0.45
09-09-2024	NA	NA	NA	NA	NA	13.13	93.81	7.68	14.95	0.59	17.54	38.93	7.4	15.77	0.63	26.43	65.7	9.34	7.93	1.33	14.62	29.43	7.62	18.52	0.43
10-09-2024	NA	NA	NA	NA	NA	14.35	93.4	7.77	13.73	0.51	24.95	52.88	7.05	18.25	1.23	17.82	17.44	9.36	8.04	1.3	9.42	41.26	7.21	22.25	0.5
11-09-2024	NA	NA	NA	NA	NA	17.43	91.26	7.95	12.72	0.43	21.53	47.86	6.88	16.93	1.14	16.78	19.95	11.78	8.11	1.31	25.24	43.38	6.44	20.26	0.53
12-09-2024	NA	NA	NA	NA	NA	35.58	91.59	8.09	14.04	0.43	21.59	59.02	7.15	14.23	1.1	25.26	35.37	11.71	8.54	1.33	40.68	71.62	6.03	20.56	0.64
13-09-2024	NA	NA	NA	NA	NA	18.5	91.31	8.13	13.73	0.48	24.91	60.4	6.54	19.19	1.52	59.73	44.37	12.24	9.03	1.34	37.3	72.37	5.99	21.05	0.49
14-09-2024	NA	NA	NA	NA	NA	22.49	94.87	8.16	16.96	0.53	23.32	61.69	6.74	19.63	1.71	19.67	33.64	13.03	9.24	1.42	48.56	86.83	7.46	28.05	0.55
15-09-2024	NA	NA	NA	NA	NA	17.93	95.09	8.18	16.58	0.82	16.23	32.57	6.65	10.96	0.66	12.14	18.36	11.41	8.45	1.62	28.79	34.99	7.04	22.15	0.66
16-09-2024	NA	NA	NA	NA	NA	16.65	91.64	8.24	15.58	0.62	15.94	28.8	6.75	10.21	0.74	14.65	31.37	9.9	8	1.48	19.22	31.55	7.43	22.39	0.58
17-09-2024	NA	NA	NA	NA	NA	23.54	90.98	8.24	12.35	0.72	18.78	37.87	6.9	10.34	0.52	34.55	75.17	9.64	8.69	2.14	12.02	52.42	8.18	25.46	0.5
18-09-2024	NA	NA	NA	NA	NA	21.54	91.59	10.7	24.63	0.61	24.5	62.15	6.41	14.68	0.75	23.84	50.97	9.75	7.9	1.59	23.24	58.04	7.02	21.78	0.5
19-09-2024	NA	NA	NA	NA	NA	39.99	96.09	12.71	19.74	0.51	23.55	52.82	6.13	9.83	0.67	21.97	51.7	9.81	7.86	1.57	29.89	62.99	6.47	22.71	0.45
20-09-2024	NA	NA	NA	NA	NA	44.84	90.96	11.02	17.58	0.59	21.3	48.68	5.76	9.47	0.57	35.33	82.66	10.14	7.95	1.86	41.47	66.81	7.8	25.1	0.48
21-09-2024	NA	NA	NA	NA	NA	26.83	96.29	13.06	15.3	0.58	20.63	46.23	6.49	11.81	0.56	39.28	92.45	10.04	9.36	2.34	14.85	69.75	7.47	28.99	0.49
22-09-2024	NA	NA	NA	NA	NA	28.38	94.51	13.28	17.28	0.62	21.54	51.09	6.46	10.92	0.57	48.66	95.18	10.27	8.98	2.99	21.62	78.38	7.17	26.59	0.47
23-09-2024	NA	NA	NA	NA	NA	18.51	47.3	13.49	20.55	0.47	28.57	55.2	6.3	8.49	0.57	51.5	92.09	10.43	9.32	3.05	43.86	93.4	6.8	22.37	0.46
24-09-2024	NA	NA	NA	NA	NA	23.81	88.13	13.33	17.18	0.95	18.84	26.01	6.73	7.7	0.64	40.25	85.78	10.56	8.64	3.02	24.64	32.52	7.65	18.14	0.5
25-09-2024	NA	NA	NA	NA	NA	18.82	94.04	13.85	16.36	0.66	22.08	34.93	7.16	15.63	1.24	14.49	21.79	10.39	9.75	1.73	27.7	37.67	6.18	24.88	0.66
26-09-2024	NA	NA	NA	NA	NA	15.21	39.33	13.41	10.97	0.61	18.73	36.8	7.54	16.33	0.96	20.09	28.52	10.59	13.23	1.75	20.34	17.59	6.81	22.91	0.5
27-09-2024	NA	NA	NA	NA	NA	33.92	95.06	13.09	12.31	0.57	31.51	66.64	8.83	25.61	2.25	28.85	48.37	10.23	8.4	1.73	13.71	51.03	6.75	26.24	0.65
28-09-2024	NA	NA	NA	NA	NA	43.79	92.86	12.04	12	0.57	18.18	39.7	7.99	15.2	1.4	27.85	45.03	10.32	8.02	1.7	18.79	36.04	7.29	23.94	0.67
29-09-2024	NA	NA	NA	NA	NA	42.19	94.04	10.36	15.04	0.52	23.89	56.88	7.58	13.43	1.19	20.15	36.96	10.4	7.51	1.57	15.29	24.02	6.85	19.71	0.43
30-09-2024	NA	NA	NA	NA	NA	47.29	91.08	9.88	13.68	0.75	16.8	34.02	7.46	8.88	0.67	53.34	91.13	10.63	11.34	2.47	24.03	37.03	7.45	22.31	0.5
Max (µg/m3)	**0**	**0**	**0**	**0**	**0**	**47**	**96**	**14**	**25**	**1**	**32**	**80**	**9**	**31**	**2**	**60**	**95**	**13**	**13**	**3**	**49**	**93**	**8**	**29**	**1**
Min (µg/m3)	**0**	**0**	**0**	**0**	**0**	**1**	**28**	**7**	**11**	**0**	**16**	**26**	**6**	**8**	**0**	**12**	**17**	**9**	**8**	**1**	**9**	**18**	**6**	**18**	**0**
(µg/m3)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**23**	**84**	**10**	**15**	**1**	**23**	**51**	**7**	**16**	**1**	**31**	**54**	**11**	**9**	**2**	**25**	**49**	**7**	**22**	**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 off because rain water is passing in aqms station

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Manager (Environment)

Checked By
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General Manager (Environment)

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

FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parmeters (µg/m 3)		
			PM10	SO_2	NO_X
A	Steel Melt Shop -II				
	Norms (µg/m 3)		2000	200	150
1	Near Convertor 1&2	01-04-2024	1668	4.73	37.77
		20-05-2024	1420	3.94	39.31
		21-06-2024	1709	5.00	42.40
		24-07-2024	1671	5.80	45.48
		28-08-2024	1571	6.80	50.10
		23-09-2024	1624	7.10	47.79
2	Near LF	01-04-2024	1701	7.09	26.98
		20-05-2024	1534	5.77	27.72
		22-06-2024	1897	6.60	30.06
		25-07-2024	1492	6.80	26.91
		29-08-2024	1556	7.40	24.67
		23-09-2024	1759	8.10	26.95
3	Near Caster 1&2	01-04-2024	1287	6.31	20.04
		21-05-2024	1425	5.52	20.81
		21-06-2024	1507	6.00	19.27
		24-07-2024	1684	6.30	22.33
		28-08-2024	1657	5.80	25.34
		23-09-2024	1815	6.60	30.02
4	Near Secondary De-dusting Bag House	01-04-2024	1643	5.52	20.81
		22-05-2024	1789	6.04	22.35
		21-06-2024	1696	6.60	23.90
		24-07-2024	1560	5.50	26.98
		29-08-2024	1707	6.30	29.15
		23-09-2024	1666	7.60	26.95
5	Near ESP	02-04-2024	1549	6.83	16.96
		20-05-2024	1347	6.57	19.27
		22-06-2024	1863	7.10	20.04
		25-07-2024	1811	6.60	19.22
		29-08-2024	1819	6.80	20.81
		24-09-2024	1640	7.10	19.25

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FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parmeters (µg/m 3)		
			PM10	SO_2	NO_X
6	Near Slag Handling Unit	02-04-2024	1769	3.50	17.81
		22-05-2024	1784	3.74	16.44
		22-06-2024	1638	3.50	18.50
		24-07-2024	1528	4.20	22.53
		29-08-2024	1815	4.90	23.89
		24-09-2024	1778	7.20	22.58
B	**Blast Furnace Plant**				
	Norms (µg/m 3)		**2000**	**200**	**150**
1	Near Stock House De System	04-04-2024	1221	5.14	19.19
		25-05-2024	1612	5.84	17.13
		24-06-2024	1771	6.1	28.78
		22-07-2024	1605	6.8	26.72
		27-08-2024	1699	6.3	26.04
		25-09-2024	1883	5.8	23.98
2	Near GCP Area	04-04-2024	1666	6.07	28.09
		24-05-2024	1590	5.61	30.15
		25-06-2024	1660	6.3	30.83
		22-07-2024	1729	5.6	30.15
		28-08-2024	1623	5.8	33.45
		25-092024	1831	6.5	32.2
3	Near Cast House De System	04-04-2024	1733	8.67	24.67
		24-05-2024	1723	8.14	26.98
		24-06-2024	1502	8.7	24.67
		23-07-2024	1686	9.2	26.98
		27-08-2024	1832	8.4	29.91
		25-09-2024	1787	8.1	31.6
4	Near Cast House East	04-04-2024	1760	5.84	23.30
		24-05-2024	1622	6.07	21.24
		25-06-2024	1849	5.8	22.61
		22-07-2024	1814	6.3	28.09
		27-08-2024	1868	5.8	28.78
		25-09-2024	1732	6.8	30.15

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JSW STEEL LIMITED
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FUGITIVE EMISSION STATUS:					
Sr. No.	Location of the Station	Date & Time of Monitoring	Parmeters (µg/m 3)		
			PM10	SO_2	NO_X
5	Near Cast House West	05-04-2024	1629	5.52	20.81
		24-05-2024	1432	5.78	19.27
		24-06-2024	1619	7.1	20.81
		23-07-2024	1581	6.6	19.25
		27-08-2024	1712	7.6	22.24
		26-09-2024	1895	7.1	26.98
6	Near PCI-2	05-04-2024	1649	5.46	9.25
		24-05-2024	1395	5.25	11.72
		24-06-2024	1825	6.1	12.95
		22-07-2024	1653	5.3	17.88
		28-08-2024	1609	4.6	15.42
		26-09-2024	1874	5.5	21.58
7	Near Pig Granulation Plant	05-04-2024	1516	5.25	20.97
		25-05-2024	1631	5.68	22.20
		25-06-2024	1611	5.9	21.58
		23-07-2024	1576	6.1	20.35
		27-08-2024	1569	5.7	21.58
		26-09-2024	1855	5.0	25.9

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JSW STEEL LIMITED

NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
A)	**Hot Strip Mill - II**				
1	Near Reheating Furnace 1	5	02-04-2024	81	70
			13-05-2024	82	80
			10-06-2024	81	70
			11-07-2024	81	80
			09-08-2024	82	80
			21-08-2024	81	79
			10-09-2024	81	80
			24-09-2024	82	80
2	Near Reheating Furnace 2	5	02-04-2024	80	77
			13-05-2024	80	78
			10-06-2024	80	78
			11-07-2024	82	78
			09-08-2024	80	78
			21-08-2024	79	77
			10-09-2024	79	77
			24-09-2024	78	76
3	Near CA fan of Reheating Furnace 1	5	02-04-2024	82	81
			13-05-2024	81	77
			10-06-2024	82	80
			11-07-2024	80	77
			09-08-2024	82	79
			21-08-2024	81	80
			10-09-2024	81	80
			24-09-2024	82	81
4	Near CA fan of Reheating Furnace 2	5	02-04-2024	81	78
			13-05-2024	76	74
			10-06-2024	81	78
			11-07-2024	77	76
			09-08-2024	80	76
			21-08-2024	79	75
			10-09-2024	82	78
			24-09-2024	80	80

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JSW STEEL LIMITED

NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
5	Near Hydralic Room of Reheating Furnace 1	5	02-04-2024	78	76
			13-05-2024	71	69
			10-06-2024	78	76
			11-07-2024	72	70
			09-08-2024	72	69
			21-08-2024	74	67
			10-09-2024	73	70
			24-09-2024	75	72
6	Near Hydralic Room of Reheating Furnace 2	5	02-04-2024	71	82
			13-05-2024	79	77
			10-06-2024	80	75
			11-07-2024	79	77
			09-08-2024	79	77
			21-08-2024	81	79
			10-09-2024	80	75
			24-09-2024	82	80
7	Near Reheating Furnace Control Room	5	02-04-2024	83	81
			13-05-2024	77	75
			10-06-2024	83	81
			11-07-2024	76	74
			09-08-2024	77	75
			21-08-2024	79	73
			10-09-2024	78	77
			24-09-2024	80	74
8	Near 7 strand Mill	5	02-04-2024	81	79
			13-05-2024	79	74
			10-06-2024	81	79
			11-07-2024	78	76
			09-08-2024	80	74
			21-08-2024	82	80
			10-09-2024	82	76
			24-09-2024	81	78

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JSW STEEL LIMITED

NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
9	Near Mill Control Room	5	02-04-2024	79	77
			13-05-2024	75	73
			10-06-2024	79	77
			11-07-2024	76	74
			09-08-2024	75	73
			21-08-2024	77	75
			10-09-2024	76	74
			24-09-2024	78	76
10	Roll Shop	5	02-04-2024	82	76
			13-05-2024	82	80
			10-06-2024	82	78
			11-07-2024	83	80
			09-08-2024	82	80
			21-08-2024	80	77
			10-09-2024	80	79
			24-09-2024	82	79
11	Near Motor House & ECR (Mill area)	5	02-04-2024	80	78
			13-05-2024	76	75
			10-06-2024	81	79
			11-07-2024	77	75
			09-08-2024	76	75
			21-08-2024	78	74
			10-09-2024	77	76
			24-09-2024	79	75
12	Near Measuring House (Mill Area)	5	02-04-2024	82	79
			13-05-2024	72	70
			10-06-2024	80	76
			11-07-2024	73	71
			09-08-2024	72	70
			21-08-2024	74	72
			10-09-2024	73	71
			24-09-2024	75	73

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JSW STEEL LIMITED

NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
13	Near Pulpit Down Coiler	5	02-04-2024	80	77
			13-05-2024	71	68
			10-06-2024	79	77
			11-07-2024	72	70
			09-08-2024	71	68
			21-08-2024	73	71
			10-09-2024	72	69
			24-09-2024	74	72
14	Coil Yard Area	5	02-04-2024	75	72
			13-05-2024	70	67
			10-06-2024	75	72
			11-07-2024	70	68
			09-08-2024	70	67
			21-08-2024	72	68
			10-09-2024	71	69
			24-09-2024	73	70
B)	**Steel Melting Shop - II**				
1	Near GCP ID fan	5	03-04-2024	84	77
			14-05-2024	75	72
			11-06-2024	84	81
			12-07-2024	75	72
			10-08-2024	75	72
			22-08-2024	74	71
			11-09-2024	76	73
			25-09-2024	75	72
2	Near Bag House of GCP	5	03-04-2024	78	70
			14-05-2024	70	68
			11-06-2024	78	74
			12-07-2024	70	69
			10-08-2024	70	68
			22-08-2024	71	70
			11-09-2024	71	69
			25-09-2024	72	71

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
3	Near ESP	5	03-04-2024	84	75
			14-05-2024	82	80
			11-06-2024	84	81
			12-07-2024	83	80
			10-08-2024	82	80
			22-08-2024	81	78
			11-09-2024	83	80
			25-09-2024	82	80
4	Near KR Process control Room	5	03-04-2024	81	72
			14-05-2024	72	71
			11-06-2024	81	79
			12-07-2024	71	68
			10-08-2024	72	71
			22-08-2024	70	68
			11-09-2024	73	70
			25-09-2024	71	67
5	Near Convertor I & II	5	03-04-2024	80	78
			14-05-2024	68	66
			11-06-2024	80	78
			12-07-2024	68	66
			10-08-2024	68	66
			22-08-2024	65	67
			11-09-2024	69	68
			25-09-2024	66	65
6	Near SMS2 Control Room	5	03-04-2024	74	70
			14-05-2024	67	65
			11-06-2024	74	70
			12-07-2024	67	65
			10-08-2024	67	65
			22-08-2024	68	70
			11-09-2024	68	67
			25-09-2024	69	68

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
7	Near LF 1 Control Room	5	03-04-2024	82	75
			14-05-2024	75	73
			11-06-2024	82	78
			12-07-2024	76	73
			10-08-2024	75	73
			22-08-2024	73	71
			11-09-2024	76	74
			25-09-2024	74	72
8	Near LF 2 Control Room	5	03-04-2024	81	79
			14-05-2024	71	68
			11-06-2024	81	79
			12-07-2024	72	70
			10-08-2024	71	68
			22-08-2024	72	70
			11-09-2024	72	69
			25-09-2024	71	68
9	Near Caster Control Room 1	5	03-04-2024	82	78
			14-05-2024	81	79
			11-06-2024	82	78
			12-07-2024	80	79
			10-08-2024	81	79
			22-08-2024	80	77
			11-09-2024	82	80
			25-09-2024	81	78

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
10	Near Caster Control Room 2	5	03-04-2024	77	74
			14-05-2024	83	81
			11-06-2024	77	74
			12-07-2024	82	81
			10-08-2024	83	81
			22-08-2024	85	83
			11-09-2024	84	82
			25-09-2024	82	80
11	Near Mould & Seqment Reoair Shop	5	03-04-2024	81	76
			14-05-2024	84	82
			11-06-2024	81	79
			12-07-2024	84	82
			10-08-2024	84	82
			22-08-2024	81	78
			11-09-2024	80	79
			25-09-2024	83	80
12	In Slab Stacking Area	5	03-04-2024	84	82
			14-05-2024	82	78
			11-06-2024	84	82
			12-07-2024	81	80
			10-08-2024	82	80
			22-08-2024	79	77
			11-09-2024	81	78
			25-09-2024	82	79

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JSW STEEL LIMITED

NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
C)	**Lime Calcination Plant - 5, 6, 7**				
1	Near Lime Stone Storage De-dusting Stack	5	04-04-2024	82	75
			21-05-2024	78	76
			12-06-2024	82	78
			13-07-2024	78	76
			12-08-2024	78	76
			23-08-2024	76	74
			12-09-2024	79	77
			26-09-2024	77	75
2	Near Lime Storage De-dusting Stack	5	04-04-2024	80	72
			21-05-2024	71	70
			12-06-2024	80	76
			13-07-2024	71	70
			12-08-2024	71	69
			23-08-2024	69	67
			12-09-2024	71	70
			26-09-2024	70	68
3	Near Blower House 1	5	04-04-2024	82	80
			21-05-2024	84	82
			12-06-2024	82	80
			13-07-2024	84	82
			12-08-2024	84	82
			23-08-2024	82	80
			12-09-2024	83	81
			26-09-2024	84	82
4	Near Blower House 2	5	04-04-2024	83	70
			21-05-2024	82	80
			12-06-2024	83	82
			13-07-2024	82	80
			12-08-2024	81	79
			23-08-2024	80	76
			12-09-2024	82	80
			26-09-2024	81	78

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
5	Lime stone Vibro Feeder hopper	5	04-04-2024	82	77
			21-05-2024	67	65
			12-06-2024	82	76
			13-07-2024	67	65
			12-08-2024	72	70
			23-08-2024	70	68
			12-09-2024	73	70
			26-09-2024	71	69
6	Near WINCH of Kiln 5, 6, 7	5	04-04-2024	81	78
			21-05-2024	69	67
			12-06-2024	81	78
			13-07-2024	69	67
			12-08-2024	68	66
			23-08-2024	69	67
			12-09-2024	69	67
			26-09-2024	70	68
7	Lime Stone Vibro Feeder hopper De-dusting system	5	04-04-2024	78	71
			21-05-2024	75	73
			12-06-2024	78	71
			13-07-2024	75	73
			12-08-2024	75	73
			23-08-2024	74	72
			12-09-2024	76	74
			26-09-2024	75	73
8	Lime product De-dusting system	5	04-04-2024	75	68
			21-05-2024	72	69
			12-06-2024	75	68
			13-07-2024	72	69
			12-08-2024	72	70
			23-08-2024	71	68
			12-09-2024	73	71
			26-09-2024	72	70

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
D)	**Blast Furnace - II**				
1	Near Stock house Dedusting system	5	17-04-2024	72	70
			15-05-2024	74	71
			12-06-2024	72	70
			13-07-2024	74	71
			12-08-2024	74	71
			23-08-2024	72	69
			12-09-2024	75	72
			26-09-2024	73	70
2	Near SGP Area 1	5	17-04-2024	81	80
			15-05-2024	72	70
			12-06-2024	81	80
			13-07-2024	72	70
			12-08-2024	70	70
			23-08-2024	72	68
			12-09-2024	71	69
			26-09-2024	73	70
3	Near SGP Area 2	5	17-04-2024	80	76
			15-05-2024	70	69
			12-06-2024	80	78
			13-07-2024	70	69
			12-08-2024	70	69
			23-08-2024	73	67
			12-09-2024	71	69
			26-09-2024	74	70
4	Near Cast House Dedusting System	5	17-04-2024	82	78
			15-05-2024	83	81
			12-06-2024	82	79
			13-07-2024	83	81
			12-08-2024	83	81
			23-08-2024	80	79
			12-09-2024	84	82
			26-09-2024	81	78

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
5	Near GCP area	5	17-04-2024	81	78
			15-05-2024	79	78
			12-06-2024	81	77
			13-07-2024	79	78
			12-08-2024	79	77
			23-08-2024	81	80
			12-09-2024	80	78
			26-09-2024	82	80
6	Near Compressor House	5	17-04-2024	83	77
			15-05-2024	83	79
			12-06-2024	83	80
			13-07-2024	83	79
			12-08-2024	83	81
			23-08-2024	80	79
			12-09-2024	84	82
			26-09-2024	81	79
7	Near Blower House	5	17-04-2024	83	78
			15-05-2024	81	80
			12-06-2024	83	82
			13-07-2024	81	80
			12-08-2024	81	80
			23-08-2024	84	82
			12-09-2024	82	80
			26-09-2024	84	82

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
8	Near Stove Stack	5	17-04-2024	81	75
			15-05-2024	80	78
			12-06-2024	81	80
			13-07-2024	80	78
			12-08-2024	80	78
			23-08-2024	82	80
			12-09-2024	81	79
			26-09-2024	82	81
9	Near Cast House (East)	5	17-04-2024	76	70
			15-05-2024	84	82
			12-06-2024	76	74
			13-07-2024	84	82
			12-08-2024	84	82
			23-08-2024	81	78
			12-09-2024	83	80
			26-09-2024	80	77
10	Near Cast House (West)	5	17-04-2024	82	72
			15-05-2024	78	76
			12-06-2024	82	80
			13-07-2024	78	76
			12-08-2024	78	76
			23-08-2024	80	78
			12-09-2024	79	76
			26-09-2024	80	75

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
11	Near PCI	5	17-04-2024	81	79
			15-05-2024	79	77
			12-06-2024	81	79
			13-07-2024	79	77
			12-08-2024	79	77
			23-08-2024	82	80
			12-09-2024	78	76
			26-09-2024	79	77
E)	**Captive Power Plant 245 MW (175 + 70 MW)**				
1	Near Boiler Stack	5	18-04-2024	82	77
			15-05-2024	79	77
			13-06-2024	82	79
			16-07-2024	79	77
			12-08-2024	79	77
			23-08-2024	77	75
			13-09-2024	81	77
			27-09-2024	79	75
2	Near DG & Compressor House	5	18-04-2024	83	80
			15-05-2024	70	68
			13-06-2024	83	80
			16-07-2024	70	68
			12-08-2024	70	68
			23-08-2024	73	70
			13-09-2024	72	68
			27-09-2024	73	70

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
3	Near Steam Turbine Generator	5	18-04-2024	84	82
			15-05-2024	85	83
			13-06-2024	84	82
			16-07-2024	85	83
			12-08-2024	85	83
			23-08-2024	82	80
			13-09-2024	84	83
			27-09-2024	82	80
4	Inside Control Room	5	18-04-2024	82	78
			15-05-2024	65	64
			13-06-2024	82	78
			16-07-2024	65	64
			12-08-2024	65	64
			23-08-2024	68	65
			13-09-2024	66	65
			27-09-2024	67	66
5	Near STG Panel Room	5	18-04-2024	76	71
			15-05-2024	66	65
			13-06-2024	76	74
			16-07-2024	66	65
			12-08-2024	66	64
			23-08-2024	70	66
			13-09-2024	68	67
			27-09-2024	71	67

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NOISE POLLUTION CONTROL STATUS: April,May,June,July,August,September2024

Name & Make of Instrument Used For Noise Monitoring- Blue Solo, Sr. No. 70214					
Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
6	Near Pump House	5	18-04-2024	83	79
			15-05-2024	79	77
			13-06-2024	83	80
			16-07-2024	79	77
			12-08-2024	69	67
			23-08-2024	72	69
			13-09-2024	71	68
			27-09-2024	74	70
I)	**Pellet Plant - II**				
1	Ball Mill Area	5	18-04-2024	80	77
			06-05-2024	76	75
			13-06-2024	80	78
			16-07-2024	76	75
			02-08-2024	76	75
			15-08-2024	77	73
			13-09-2024	76	75
			27-09-2024	77	73
2	Additive Ball Mill Area	5	18-04-2024	84	79
			06-05-2024	74	72
			13-06-2024	84	82
			16-07-2024	74	72
			02-08-2024	74	72
			15-08-2024	75	70
			13-09-2024	74	72
			27-09-2024	75	70
3	Near ESP Area	5	18-04-2024	83	83
			06-05-2024	85	82
			13-06-2024	83	80
			16-07-2024	85	82
			02-08-2024	85	82
			15-08-2024	82	80
			13-09-2024	85	82
			27-09-2024	82	80

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Sr. No.	Location	Distance from the Source	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
4	Product Storage Area	5	18-04-2024	75	81
			06-05-2024	72	70
			13-06-2024	81	78
			16-07-2024	72	70
			02-08-2024	72	70
			15-08-2024	70	68
			13-09-2024	72	70
			27-09-2024	70	68
5	Indurating Area	5	18-04-2024	71	80
			06-05-2024	83	81
			13-06-2024	79	77
			16-07-2024	83	81
			02-08-2024	83	81
			15-08-2024	85	82
			13-09-2024	83	81
			27-09-2024	85	82
6	Hearth Layer Area	5	18-04-2024	77	76
			06-05-2024	79	77
			13-06-2024	77	76
			16-07-2024	79	77
			02-08-2024	79	77
			15-08-2024	76	74
			13-09-2024	79	77
			27-09-2024	76	74

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