JSW Steel Limited

O/C

Vijayanagar Works :
P.O. Vidyanagar - 583 275,
Dist. Ballari, Karnataka, India.
CIN. : L27102MH1994PLC152925
Phone : +91 8395 250 120-30
Fax : +91 8395 250 132/142
Website : www.jsw.in

JSW/ENV/MoEFCC/EC-COMPL/112025/ 4058
28.11.2025

To,
The Addl. Principal Chief Conservator of Forest(C)
Ministry of Environment, Forest and Climate Change
Regional Office (South Zone), 4th Floor,
E & F Wings, Kendriya Sadan, 17th Main Road,
2nd Block, Koramanagala, Bangaluru – 560034

Sub: Submission of half yearly EC compliance report of our Integrated Steel Plant for the period of April-2025 to September-2025 Reg.

Ref: Split of existing EC of JSW Steel Ltd, Vijayanagar works of 18 MTPA Steel plant, 1490 MW CPP along with 2.2 MTPA Slag cement between JSWSL, JVML and JSWCL, With a final configuration of 13 MTPA Steel, 1490 MW of CPP and 0.2 MTPA Slag cement unit will remain for JSW Steel Limited, Transfer of 5 MTPA Steel to JVML and Transfer of 2 MTPA Slag Grinding Unit to Existing 4 MTPA Slag cement plant of JSWCL at Vijayanagar works, Toranagallu, Ballari, Karnataka

Dear Sir/Ma'am,

With respect to above referred subject, we are herewith submitting the Half yearly EC compliance report for our integrated steel plant, JSW Steel Limited, Vijayanagar Works located at Toranagallu, Dist. Ballari, Karnataka, for the period of April – 2025 to September – 2025.

Further, we would like to inform you that, we have uploaded the soft copy of EC Compliance report on the Parivesh 2.0 portal. This is for your kind information and record please.

Thanking You,

Yours faithfully

Authorized Signatory
For **M/s JSW Steel Limited**

28/11/2025

Godavvarthi Jaya Prakash
Associate Vice President
Environment & Sustainability Department

CC

1. The Member Secretary, IA.II(I) Ministry of Environment and Forests, IA Division, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi – 110003
2. The Member Secretary, KSPCB, Parisara Bhavan, 1st to 5th Floor, 49, Church Street, Bengaluru
3. Regional Director, CPCB, A-Block, Nisarga Bhavan 1st & 2nd Floor, 7th D Cross, Thimmaiah road, Shivaji Nagar Bengaluru – 560079
4. The Environmental Officer, KSPCB, Regional Office, 4th Main, Kuvempunagara, Ballari, 583104

Split of existing EC of JSW Steel Ltd, Vijayanagar works of 18 MTPA Steel plant, 1490 MW CPP along with 2.2 MTPA Slag cement between JSWSL, JVML and JSWCL, With a final configuration of 13 MTPA Steel, 1490 MW of CPP and 0.2 MTPA Slag cement unit will remain for JSW Steel Limited, Transfer of 5 MTPA Steel to JVML and Transfer of 2 MTPA Slag Grinding Unit to Existing 4 MTPA Slag cement plant of JSWCL at Vijayanagar works, Toranagallu, Ballari, Karnataka

EC Identification No. EC24A1001KA5580178S and File No. J-11011/489/2009-IA.II (I) Dated 25/07/2024

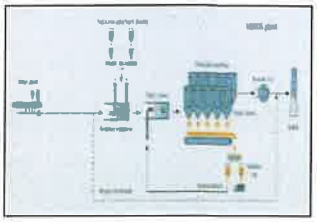
Compliance Period: April 2025 to Sep 2025

S No	Conditions	Compliance
A.	**Specific Conditions**	
i.	Green belt shall be developed in 33% (870 ha) of the revised plant area (2630.66 ha) all along the periphery of the project site by September 2024 with a tree density of 2500 trees per hectare.	**Complied** • Till date JSW Steel Limited has planted 22.91 lakhs plants over 871 ha area to cover 33.65 % of area under green belt with the tree density of 2500 trees per hectare. For this compliance period gap plantation with 57280 No of sapling is done. The total plantations as on 30.09.2025 is 23.47 Lakhs. • Plantation details and the photographs are enclosed as **Annexure -01**
ii.	Project proponent shall install covered sheds for coal storage in an area of 32325 sqm by 30-06-2024.	**Being complied** In addition to this, wind curtains of 3.5 km are being provided all around the coal yards and raw material storage area. 
iii.	84 km long pipe conveyor shall be installed by 31/03/2028 as committed.	**Being complied** • At present, we have Installed 37.5 KM length Pipe conveyer with 25 MTPA capacity which is operational.   • Installation of Remaining Pipe Conveyor length will be completed by 31.03.2028.

JSW STEEL LIMITED • TORANAGALLU-583275 •

<table>
<tr><td>iv.</td><td>Ambient air quality shall be improved by adopting measures like pipe conveyor, use of by product gas in place of coal and covered shed. Noise levels shall be controlled by decrease in truck traffic after completion of the pipe conveyor.</td><td>Being complied
To improve the ambient air quality, we have implemented following control measures
• To reduce the fugitive dust emission during road transportation and reduce the truck movement, we have installed 37.5 KM length Pipe conveyer with 25 MTPA capacity which is operational. Due to this the truck traffic has reduced drastically.
• By product gases like BF gas, Corex Gas, Coke oven gases are being used as fuel in the process (Blast furnace stove, under firing of coke oven batteries, reheatingfurnace etc.) and also for power generation, thereby reducing the significant coal consumption.</td></tr>
<tr><td>v.</td><td>Environment Clearance for the new township project shall be obtained from the concerned competent authority.</td><td>Noted</td></tr>
<tr><td>vi.</td><td>PP shall ensure Control of rooftop emissions from SMS 1 & 2 and Install primary De-dusting system in SMS 2 by 31.03.2025.</td><td>Being complied
SMS-1
• In SMS-1 Augmentation of Primary & Secondary de-dusting system is completed and operational.
SMS-2
• In SMS-2 Augmentation of Primary & Secondary de-dusting system is completed and operational.
• In addition to this, Mill scale briquettes are being used as a coolant instead of Iron ore fines in SMS-1 & 2 Convertors for significant reduction in emissions.</td></tr>
<tr><td>vii.</td><td>PP shall ensure regular monitoring and maintenance of Junction houses in raw material handling area to control fugitive emissions.</td><td>Complied
• To control the fugitive dust emission at raw material handling area, we have provided efficient bag filters at all Junction houses.
• Periodic maintenance of the bag filters installed at junction houses is being done to control the fugitive dust emission during material transportation.</td></tr>
<tr><td>viii.</td><td>Desulfurization of Coke Oven Gas, use of low Sulphur coal, Flue Gas Desulphurization in captive power plant shall be adopted to control SO2 emissions.</td><td>Complied
• De-sulfurisation of coke oven gas (using ammonia liquor) implemented in coke oven 3 & 4. The same system is implemented in coke oven 5.
• We are utilizing the waste gases like BF gas, BOF gas,COREX gas etc as a fuel which has less sulphur content of 0.5 to 0.6% as compared to fossil fuels.
• Mixed gas is being used in the captive power plant to reduce the SO_2 emission.</td></tr>
<tr><td>ix.</td><td>Project proponent shall install 6 Continuous Ambient Air Quality Monitoring Stations (CAAQMS).</td><td>Complied
• We have installed six nos. of CAAQMS stations around JSW Steel Complex. Details of the same are as under
<table>
<tr><th>SN</th><th>Station</th><th>Location</th></tr>
<tr><td>1</td><td>CAAQMS-1</td><td>Vidyanagar Township</td></tr>
<tr><td>2</td><td>CAAQMS-2</td><td>Vaddu Village</td></tr>
<tr><td>3</td><td>CAAQMS-3</td><td>Shankar Hill Township</td></tr>
<tr><td>4</td><td>CAAQMS-4</td><td>10 MTPA Gate</td></tr>
<tr><td>5</td><td>CAAQMS-5</td><td>Sultanpur</td></tr>
<tr><td>6</td><td>CAAQMS-6</td><td>VV Nagar Township</td></tr>
</table>
• The data of the all CAAQMS Station is being connected with the KSPCB & CPCB server.</td></tr>
</table>

JSW STEEL LIMITED • TORANAGALLU-583275 •

x.	Following Cleaner technologies shall be adopted by PP as committed:	
	a. MEROS in Sinter plants to control emissions.	**Being complied** • We have installed the MEROS at Sinter Plants 4 • We have done installation of High efficiency Bag Filter at SP1 & SP2.   ***Photographs of the MEROS***
	b. Sinter cooler waste heat recovery to generate power.	**Complied** • We have installed waste heat recovery units at SP-2, SP-3 and SP 4 to generate power from waste heat.
	c. TRT and Stove waste gas heat recovery system in BF.	**Complied** • We have already provided TRT and Stove waste gas heat recovery system in BF 1 (4MW), BF3 (12.4MW), BF 4 (12.4MW).
	d. Secondary Fume Extraction system in BOF with dog houses.	**Complied** • We have installed Secondary de-dusting system in LHF of SMS-1 & 2.
	e. Pipe conveyor to transport iron ore from various mines.	**Being complied** • Installation of 37.5 km length of Pipe conveyor is completed and it is operational. Due ti requirement of Forest Clearance the progress is halted. • Installation of Remaining Pipe Conveyor length will be completed by 31.03.2028.
	f. 3.5 km wind curtains incoal yard.	**Complied** • We have provided wind curtain in coal yard and Iron ore yards of length 3.5 km.  ***Photographs of the Wind curtain Provided at the Coal Storage Yard***
	g. WHRB for ZPF waste heat recovery.	**Complied.** • We have provided ZPF & EAF in SMS-3 with WHRB for power generation from waste heat.
	h. Installation of Zero Power Furnace.	**Complied** • Zero Power Furnace of 1.5 MTPA is installed at SMS -3 which is in operation.
	i. CO_2 injection for pH control in SMS.	**Complied.** • We have installed CO_2 injection thickeners system in SMS-1 & 2
	j. Single oven pressure control in Coke Ovens to control Charging Emissions along with CGT car and HPLA	**Being complied** • De-dusting cars have been provided in all Coke Oven batteries to control charging emissions. • Single oven pressure control system is provided in two batteries of Coke Oven 3 & 4, to control charging emissions. In balance 6 batteries, valves have been procured and

JSW STEEL LIMITED • TORANAGALLU-583275 •

		installed and the remaining work will be implemented in phase wise. • Coke oven - 05 is equipped with HPALA (High pressure Ammonia liquor Aspiration system with CGT Charging gas transfer car).  ***Photograph of CGT & SOPRECO***
xi	100% solid waste utilization by means of following state-of-the-art technologies for recovery and recycling various wastes generated within the plant premises shall be adopted.	**Complied** • We are utilizing 100 % solid waste in micro pelleting, Mill scale briquetting, waste to wealth plant, slag to sand / aggregate plant, Metal Recovery Plant.
	i. Slag sand plant for surplus granulated BF slag.	**Complied** • Granulated BF slag is being sold to the Cement Manufacturing units. • We have installed two no of Slag to Sand unit of 1 x 40 TPH & 2 x 125 TPH capacity to utilized surplus granulated slag.  ***Photographs of the Slag Sand Plant***
	ii. Micro-pellet plant (2050 TPD) for the dust & sludge collected from air and water pollution control equipment.	**Complied** • We have installed 2050 TPD Micro Pellet Plant to utilize the sludge and dust collected from air and water pollution control equipment, which is operational.  ***Photographs of the micro-pellet plant***

JSW STEEL LIMITED • TORANAGALLU-583275 •

		 *Photographs of the Micro-pellets produced from MPP*
	ii. Mill scale briquetting plant (600 TPD) for high Fe containing sludge & dust from Mills	**Complied** • We have installed & operating 600 TPD Capacity Mill Scale Briquetting (MSB) plant for utilization of high iron containing dust & sludge from mills.   *Photographs of Mill scale briquetting plant and Briquettes produced from the plant*
	iii. Waste-to-wealth plant (600 TPD) for the Dust & sludge of low Fe values through beneficiation	**Complied** • We have installed waste to Wealth (WTW) plant of 600 TPD capacity for the utilization of dust, sludge of low iron value.  *Photographs of the Waste to Wealth Plant*
	v. Steam Box technology for SMS slag ageing to make it suitable for use as aggregate in road making.	Steam Box Technology is an inline slag weathering process and requires large space. Use of a steam box would still require additional external weathering to lower the expansion for use as aggregates. Here at JSW Vijayanagar Works, normal air-cooled steel slag is subjected to an in-house developed sand-making process, which does not require additional weathering and converts the slag directly into sand - a usable product at a lower cost and space. Hence this technology is preferred over the Steam Box Technology.

JSW STEEL LIMITED • TORANAGALLU-583275 •

	vi. Slag sand plant (17000 TPD) is proposed for converting steel slag to sand for sale.	**Being complied** • 100% utilization of Steel Slag is being achieved at present by using it in Steel process and construction of bund of Slime pond. • A 100 TPD LD slag sand plant installed on trial basis. • Enhancement of capacity to 17,000 TPD, is Completed, the unit is under operation.  ***Photographs of the Slag Sand Plant***
	vii. LHF slag briquetting plant (300 TPD) for production of briquettes to replace imported synthetic slag.	**Complied** • We have commissioned & operating 300 TPD LHF slag Briquetting plant for briquette manufacturing.
	viii. Powder steel slag fines to use in land reclamation and soil conditioning.	**Complied.** • The powdered steel slag generated from the BOF at steel to slag plant is being sold to cement making unit.
	ix. Carbon recovery plant-Carbon recovery shall be done from BF dust, BF GCP slurry and Corex Furnace GCP slurry recycled back into utilization.	**Complied** • We have constructed & operating 500 TPD carbon recovery plant. • The product of the carbon recovery plant is being used in pellet plant for reutilization.
xii.	The recommendations of the approved Integrated Site-Specific Wild life Conservation Plan/ Wildlife Management Plan for revising schedule-I species and the plan covering JSW complex area and shall implement in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	**Being complied** • JSW Steel has already been contributed towards the wild life management. • The status report is regularly sent to RO MoEF&CC along with six monthly EC compliance report. • We have submitted the updated wild life management plan to DCF Ballari office on 16.02.2024 which is under approval. • Action plan of implementing the Integrated Site Specific Wildlife Conservation Plan is enclosed as **Annexure 02**
B	**General Conditions**	
I.	**Statutory compliance**	
	i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/ Subordinate legislations, etc., as may be applicable to the project	**Noted and agreed**
II.	**Air quality monitoring & preservation**	

JSW STEEL LIMITED • TORANAGALLU-583275 •

<table>
<tr>
<td></td>
<td>i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</td>
<td>• Complied We have already installed 6 no of Continuous Ambient Air Quality Monitoring Stations (CAAQMS) around the JSW Steel Complex for the monitoring of the AAQ parameters.
• Calibration of the CAQMS & CEMS analyzers is being done on quarterly basis as per the supplier specification.
• Details of the CAQMS are as under
<table>
<tr><th>Sn</th><th>Station</th><th>Location</th></tr>
<tr><td>1</td><td>CAAQMS-1</td><td>Vidyanagar Township</td></tr>
<tr><td>2</td><td>CAAQMS-2</td><td>Vaddu Village</td></tr>
<tr><td>3</td><td>CAAQMS-3</td><td>Shankar Hill Township</td></tr>
<tr><td>4</td><td>CAAQMS-4</td><td>10 MTPA Gate</td></tr>
<tr><td>5</td><td>CAAQMS-5</td><td>Sultanpur</td></tr>
<tr><td>6</td><td>CAAQMS-6</td><td>VV Nagar Township</td></tr>
</table>
• For the continuous Emission monitoring, we have installed 68 no's CEMS at all major stacks.
<table>
<tr><th>Sn</th><th>Parameters</th><th>No of CEMS</th></tr>
<tr><td>1</td><td>PM</td><td>68 Nos</td></tr>
<tr><td>2</td><td>SO_2</td><td>13 Nos</td></tr>
<tr><td>3</td><td>NO_x</td><td>13 Nos</td></tr>
</table>
• The data of the CAAQMS & CEMS is being transferred to CPCB & KSPCB servers.</td>
</tr>
<tr>
<td></td>
<td>ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarterly through laboratories recognized under Environment (Protection) Act. 1986 or NABL accredited laboratories</td>
<td>Complied
• Fugitive emissions are being regularly monitored through NABL accredited laboratory on monthly basis and report is being submitted every month to KSPCB.
• The Fugitive emission monitoring data during the compliance period is enclosed as Annexure – 03.</td>
</tr>
<tr>
<td></td>
<td>iii. Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.</td>
<td>Complied
• The sampling facility are provided at process stacks and quenching stacks as per CPCB guidelines</td>
</tr>
<tr>
<td></td>
<td>iv. Appropriate Air Pollution Control (APC) system shall be provided for allthe dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</td>
<td>Complied
• We have installed efficient air pollution control (APC) equipment for all dust generating points, the summary of APC as follows
<table>
<tr><td>Bag filter</td><td>281 no</td></tr>
<tr><td>Scrubber/Cyclone</td><td>30 no</td></tr>
<tr><td>ESP</td><td>16 no</td></tr>
<tr><td>Dust suppression system</td><td>180 no</td></tr>
<tr><td>Wind curtain</td><td>3.5 km length at iron ore and Coal storage yard.</td></tr>
</table>
• We maintaining the stack emission & fugitive emissions within standard limits.
• We are submitting the online stack emission monitoring data at KSPCB & CPCB server.
• In addition to this, we are monitoring manual stack emission on monthly basis.
• Stack emission monitoring data for the compliance period is enclosed as Annexure -03.</td>
</tr>
<tr>
<td></td>
<td>v. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</td>
<td>Complied
• Bag leakage detection system provided and PLC based bag cleaning system are installed.
• Regular maintenance of these bag filters is being done to assure the emission norms.</td>
</tr>
</table>

JSW STEEL LIMITED • TORANAGALLU-583275 •

	vi. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, Shop floors, roofs, regularly.	**Complied** • We have deployed 10 Nos of vacuum cleaners cum Road sweeping machine for road cleaning and shop floor cleaning.
	vii. Recycle and reuse iron ore fines, Coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.	**Complied** • Iron ore fines, Coal and coke fines, lime fines and such other fines are being used in Micro pellet Plant for pellet making, Mill scale briquetting Plant for briquette making. • These micro pallets and briquettes are being reutilized in the steel manufacturing process.
	viii. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	**Complied** • Tarpaulin covered trucks are provided to transport the raw material.
	ix. Facilities for spillage collection shall be provided for coal and coke on WHARF of coke oven batteries (Chain conveyors. Land based industrial vacuum cleaning facility).	**Complied** • Efficient spillage collection and prevention systems have been provided at WHARF of Coke oven batteries (Chain Conveyors, Land based industrial cleaning facility). • Monitoring of these control measure is being done on regular basis.
	x. Land-based APC system shall be installed to control coke pushing emissions.	**Complied** • We have provided 2 no ground de-dusting system at Coke ovens.
	xi. Monitor CO, HC and 02 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	**Complied** • The flue gas of coke oven batteries is being monitored using portable flue gas analyzer for CO, SO_2, NO_x, HC, O_2 etc
	xii. Vapor absorption system shall be provided In place of vapor compression system for cooling of coke oven gas in case of recovery type coke ovens.	**Complied** • Vapor absorption systems are provided in coke oven 3, 4 & 5.
	xiii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	**Complied** • About 3.5km length wind curtain wall in iron ore and Coal Storage yard is provided • We have provided the Chemical spraying system at Raw material stock piles. 
	xiv. Design the ventilation system for adequate air changes as per prevailing norms to all tunnels, motor houses, Oil Cellars.	**Complied** • Adequate ventilation system is provided at all confined areas as per the Norms.

JSW STEEL LIMITED • TORANAGALLU-583275 •

<table>
<tr><td>III.</td><td colspan="2">Water quality monitoring and preservation</td></tr>
<tr><td></td><td>i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment Protection) Rules 1986 vide G.S.R 277 (E) dated 31" March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) asamended from time to time and connected to SPCB and CPCB online servers and calibrate these system front time to time according to equipment supplier specificationthrough labs recognized under Environment (Protection) Act. 1986or NABL accredited laboratories.</td><td>Complied
• We have installed 6 no of online effluent quality monitoring systems for monitoring pH,conductivity and flow.
• The effluent quality monitoring stations are connected to CPCB & KSPCB server.
• The equipments are being calibrated on quarterly basis as per manufacturer recommendations.</td></tr>
<tr><td></td><td>ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre-and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act. 1986 and NABL accredited laboratories.</td><td>Complied
• The environmental quality of ground water is monitored through MoEF&CC accredited laboratory and reports are submitted on monthly basis to the KSPCB.
• 2 numbers of piezometers have been installed for the continuous ground water level monitoring and 14 Water meters for flow measurement.</td></tr>
<tr><td></td><td>iii. The project proponent shall provide the ETP for coke oven and by-product to meet the standards prescribed in G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time: S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time;</td><td>Complied
• We have provided Zero liquid Discharge (ZLD) Effluent treatment plant (BOD Plant) with MEE for the complete utilization of the Coke oven effluent.</td></tr>
<tr><td></td><td>iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</td><td>Complied
• We have provided 5 (Five) nos. of Sewage treatment plant for the treatment of the domestic sewage generated from the Plant and townships. Details of the sewage treatment plant with the capacity is as under
<table>
<tr><th>SN</th><th>STP Location</th><th>Capacity (KLD)</th><th>Technology</th></tr>
<tr><td>1</td><td>Hill Side Township</td><td>1560</td><td>MBR Technology</td></tr>
<tr><td>2</td><td>Shankar Hill Township</td><td>3000</td><td>MBR Technology</td></tr>
<tr><td>3</td><td>Sunrise Valley Township</td><td>120</td><td>MBR Technology</td></tr>
<tr><td>4</td><td>Vidyanagar Township including Sports Complex & Lake view Township</td><td>1500
1000
400</td><td>MBR Technology
Reed Bed Technology
MBR Technology</td></tr>
<tr><td>5</td><td>Vijaya Vitthal Nagar – STP</td><td>1200</td><td>SBR Technology</td></tr>
</table>
We are submitting reports of the same to KSPCB Regularly.</td></tr>
</table>

JSW STEEL LIMITED • TORANAGALLU-583275

	v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	**Complied** • Garland drains and collection pits have been provided for each stock pile to arrest the runoff in the event of heavy rains and to check the water pollution due to surface run off.
	vi. Tyre washing facilities shall be maintained at the entrance of the plant gates.	**Complied** • Tyre washing facilities have been provided at the entrance.
	vii. Treated water from ETP of COBP shall not be used for coke quenching.	**Complied** • We have provided the complete ZLD system for coke oven 3,4 &5  ***Photographs of the ZLD unit installed at Coke Oven***
	viii. Water meters shall be provided at the inlet to all unit processes in the steel plants.	**Complied** • We have provided water meters at the inlet to all unit processes in the steel plant.
IV.	**Noise monitoring and prevention**	
	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly Compliance report.	**Complied** • The noise levels are being monitored on monthly basis and reports are being submitted to the KSPCB on monthly basis. • The noise monitoring report are being submitted to the MoEFCC Regional office along with six month compliance report regularly. • The Ambient Noise Monitoring data for the compliance period is Enclosed as **Annexure 03**
V.	**Energy Conservation measures**	
	i. Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	**Complied** • Torpedo ladles are being used for hot transfer of the hot metal from the Blast Furnace to the BOF.
	ii. Restrict Gas flaring to < 1%.	**Complied** • We have maintained the gas flaring less than 1%
	iii. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights. Parking around project area and maintain the same regularly;	**Complied** • We have installed 225 MW solar power plant at Rajapura & Thimmalapura village • In addition to this 70 KW roof top solar plant is provided at Sanjeevani Hospital.
	iv. Provide LED lights in their offices and residential areas.	**Complied** • We have installed LED lights in offices, work areas and colonies
	v. Ensure installation of regenerative/ recuperative type burners on all reheating furnaces.	**Complied** • Recuperative type burners are provided in all the reheating furnaces
VI.	**Waste management**	

JSW STEEL LIMITED • TORANAGALLU-583275 •

	i. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	**Complied** • We have provided Oil collection pits at Mills area and in CRM area for the spillage collection. • Oil collection trays are being provided at oil handling area. • In addition to this, secondary containers are provided at the oil storage area to avoid the spillages.
	ii. Kitchen waste shall be composted or converted to biogas for further use	**Complied** • 1 TPD Biogas plants has been installed for processing the food waste
VII.	**Green Belt**	
	i. The project proponent shall prepare GHG emissions inventory to the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	**Complied** • We have prepared the GHG emission inventory of the plant which is being monitored and reviewed by top management on regular basis. • We have target to reduce the specific CO_2 emission levels by 31% of emission by year 2030 from present 2.55 TCo2/tcs level.
	i. Emergency preparedness plan based on the Hazard identification and Risk Assessment HIRA) and Disaster Management Plan shall be implemented	**Complied.** • We have prepared the onsite emergency and Disaster management as per the requirement of factor act which is being approved by the Karnataka State Dept. of Factories & Boilers. • Further periodic mock drills are being conducted on regular basis for the identified emergencies.
	ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	Complied. Periodical health check-up of workers is being carried out as per the factory acts and record is being maintained at occupational Health Care Centre. The following measures are taken in heat zones to minimize the exposure of heat to the workers:- • Workers are provided with PPE kits i.e, Jackets, Helmets, Masks, Gloves, Safety Shoes, earplugs etc. • Proper ventilation is provided at Heat Zones as per Factories act for disseminating of heat. • Drinking water availability is ensured. • Provided cooling chambers fitted with AC for cooling the body temperature. • Expose to heat areas is restricted to short time, and automation is adopted wherever possible. • Periodical health checkup of workers is being carried out as per the factory acts and record is being maintained at occupational Health Care Centre. • Safety officers will constantly surveillance and monitoring the work place. • Workshops are conducted regarding safety at work place and about health.
	iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	**Complied.** • Periodical health checkup of workers is being carried out as per the factory acts and record is being maintained at occupational Health Care Centre.
VIII.	**Environment Management**	

JSW STEEL LIMITED • TORANAGALLU-583275 •

	i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22- 65/2017-IA. III dated 30/09/2020.	**Complied** • CSR activities are being carried out through JSW foundation in 29 villages of Bellary district. CSR activities cover health, education, woman empowerment, sanitation, sports, infrastructure, skill development etc.
	ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus and infringements/deviation/violation of the environmental / forest / wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and/ or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	**Complied** • We have implemented and operating international standard for environment i.e ISO 14001 Environmental Management System. • JSW Steel limited is ISO 14001, 9001, 50001 and ISO 45001 certified company. • We have Environmental policy as stipulated • Copy of the Environment Policy is enclosed as **Annexure 04**
	iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of' senior Executive, who will directly to the head of the organization.	**Complied** • We have dedicated environmental management department with the qualified staff at Vijayanagar Works and Company Head office Level. • At Vijayanagar, 21 number of professionals reporting to Associate Vice President for operation of environmental management.
IX	**Miscellaneous**	
	i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently	**Complied** • Newspaper advertisement for grant of EC has been published in Kannada Nudi & The New Indian Express in Kannada and English language respectively. • Copy of the New paper cutting enclosed as **Annexure 05** • The copy of EC has been uploaded on JSW Website which can be access on : https://www.jsw.in/investors/steel/jsw-steel-investor-information-environmental-clearances
	ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt	**Complied** • We have submitted the EC copy to Panchayat offices in stipulated time.
	iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on Half-yearly basis.	**Complied** • We have uploaded the Half yearly EC Compliance status report including the monitoring data on the JSW website.

JSW STEEL LIMITED • TORANAGALLU-583275 •

	iv. The project proponent shall monitor the criteria pollutants level namely: PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	**Complied** • Critical sectorial parameters like PM10, SOx, NOx etc are being monitored online. • The online Stack Emission, effluent quality and Ambient Air Quality Monitoring data are being displayed through LED board at 10 MT gate & website which is available for the public.
	v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	**Complied** • We have submitted the Half yearly EC Compliance report on Parivesh portal. • Last EC Compliance Report for the period of Oct 2024 to March 2025 submitted on 28.05.2025.
	vi. The project proponent shall submit the environmental statement for each Financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules. 1986, as amended subsequently and put on the website of the company.	**Complied** • The environment statement in Form V is submitted to KSPCB, MoEF&CC regularly and also displayed in website. • The ES for the FY24-25 has been submitted dated to Karnataka State Pollution Control Board (KSPCB) on 24.09.2025.
	vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	• Noted & agreed
	viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	• Noted & agreed
	ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (Mo EF&CC).	• Noted & agreed • No further Expansion and modification will be done without prior approval from the MoEF&CC and State Pollution control Board.
	x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	• Noted & agreed
	xi. The Ministry may revoke or suspend the clearance, it implementation of any of the above conditions is not satisfactory.	• Noted & agreed
	xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	• Noted & agreed
	xiii. The RO of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information / monitoring reports.	• Agreed • We will provide the cooperation and support to the Officers of Regional officer as and when required.

JSW STEEL LIMITED • TORANAGALLU-583275 •

	xiv. 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.	• Noted & agreed

Additional Specific Condition:

SN	Additional Specific Condition	Compliance
i.	The PP shall strictly comply with the conditions as per the submitted action plan and within the timeframe as committed with respect to the partially/ non-complied conditions as reported by IRO. No further extension of time period with respect to the non-complied specific conditions will be granted.	**Noted and Complied**
ii.	M/s. JSWSL, being principal lessor shall be held responsible for compliance of all the conditions stipulated in EC dated 29.11.2021.	**Noted and Complied** • JSWSL being a principal lessor commits that All compliance are compiled/ being complied of all the conditions stipulated in EC dated 29.11.2021.
iii.	The PP shall ensure to operate the airport facility only after valid and requisite permissions required to operate the same.	**Being Complied** • JSWSL is operating the airport with all the necessary clearances & permissions from the concerned regulatory authorities. • JSWSL has applied for Environmental Clearance of Jindal Vijayanagar Airport for the expansion for which TOR has been obtained with TOR Number: TO24B2902KA5716131N and File No.: SEIAA 22 IND 2024; Dated 30.01.2025.
iv.	The PP shall install the requisite number of CAAQMS linked with CPCB server at designated places.	**Complied** • We have installed six nos. of CAAQMS stations around JSW Steel Complex. Details of the same are as under **SN** / **Station** / **Location** 1 / CAAQMS-1 / Vidyanagar Township 2 / CAAQMS-2 / Vaddu Village 3 / CAAQMS-3 / Shankar Hill Township 4 / CAAQMS-4 / 10 MTPA Gate 5 / CAAQMS-5 / Sultanpur 6 / CAAQMS-6 / VV Nagar Township • The data of the all CAAQMS Station is being connected with the KSPCB & CPCB server.
v.	The PP shall ensure that all the subsidiaries within JSW Complex shall have relevant permissions related to land,EC/FC/CTE/CTO and associated permissions required to operate such facilities along with separate entry/exit gates.	**Complied** • All the necessary land, EC/FC/CFE/CFO of JSWSL and other subsidiary are available with separate entry and exit gates.
vi.	The PP shall ensure that there shall be sign boards at prominent locations covering name, capacity and area of the operating units within the JSW Complex along with EC/CFO details.	**Complied** • Signboards have been installed at entry of the units operating units within the JSW Complex covering name, capacity, area, CFE and CFO details. • Photographs of the same are Enclosed as **Annexure-06**
vii.	The PP shall comply with the condition for development and maintenance of greenbelt in at least 33% area of the JSW complex as principal lessor.	**Complied** • Till date JSW Steel Limited has planted 22.91 lakhs plants over 871 ha area to cover 33.65 % of area under green belt with the tree density of 2500 trees per hectare. For this compliance period gap plantation with 57280 No of sapling is done. The total plantations as on 30.09.2025 is 23.48 Lakhs.

JSW STEEL LIMITED • TORANAGALLU-583275 •

viii.	The PP shall widely publicize the executive summary of the EC split proposal and publish the split ECs in local newspapers.	**Complied** • Newspaper advertisement for grant of EC has been published in Kannada Nudi & The New Indian Express in Kannada and English language respectively • Copy of New paper Cutting enclosed as **Annexure 05**.
ix.	The PP shall strictly comply with the directions of State Forest Department, obtain approval and implement the Integrated Site Specific Wildlife Conservation plan (ISSWLCP) as per the defined timelines.	**Being Complied** • We have submitted the ISSWLCP to DCF, Ballari vide letter Ref. No. JSWSL/ VJNR/2023-24/01, Dated 16.02.2024. • Copy of the Action plant is attached as **Annexure 02**
x.	All the three entities i.e. JSWSL, JVML and JSWCL shall undertake Village Adoption programme as committed.	• 10 Villages of Core Zone have been adopted by JSWSL, JVML and JSWCL - Nagalapura, Anathapura, Chikantapura, Kodalu, Basapura, Talur, Madapura, Daroji, Joga, Lingadahalli. • Activities planned in the adopted village are health care, education, woman empowerment, sanitation, sports, infrastructure , skill development, Environment management etc.
xi.	All the other terms and conditions stipulated in environmental clearance vide letter no vide lr.no. EC21A008KA165146 dated 29/11/2021 shall remain unchanged.	**Complied**
xii.	In the case of conflicts between any of the group companies that are splitted from JSWSL, JSWSL shall be responsible for the conditions stipulated in EC dated 29.11.2021.	**Noted and Agreed**
xiii.	PP shall ensure no conflicts in sharing common facilities in day-to-day operation.	**Noted and Agreed**

Annexure 01

Details of Additional species planted in the Green Belt of JSW Steel Limited							
Location	**Plant Species**	**Local/Hindi Name**	**Height (m)**	**Type**	**No of Saplings planted in existing area as Gap Plantation**	**No of Sapling planted in an additional area**	**Total no. of additional plantation done**
1st Layer	Acacia angustifolia	Swanapatri	5m	Tree	150	400	550
	Bauhinia varigata	Kachnar	5m	Tree	150	400	550
	Bougainvillea spectabilis	Bougainvilea	5m	Shrub	75	400	475
	Conocarpus lancifolius	Buttonwood tree	5m	Tree	1500	400	1900
	Hibiscus rosa-sinensis	Jasud	5m	Shrub	75	400	475
	Nerium indicum	Kaner	5m	Shrub	75	400	475
	Nyctanthes arbor-tristis	Parijatha	5m	Tree	100	400	500
	Pongamia pinnata	Indian beech	6m	Tree	125	400	525
	Saraca asoka	Asoka	9m	Tree	70	400	470
	Ziziphus mauritiana	Ber	9m	Tree	120	400	520
2nd Layer	Acacia catechu	kattha	10m-15m	Tree	450	550	900
	Acacia nilotica	babul	10m-15m	Tree	450	550	1000
	Alstonia scholaris	Chitvan	10m-15m	Tree	450	550	1000
	Bauhinia tomentosa	Safed Kachanar	10m-15m	Tree	450	550	1000
	Butea monopserma	Flame of the forest	10m-15m	Tree	450	550	1000
	Calophyllum inophyllum	Honne	10m-15m	Tree	450	550	1000
	Cassia fistula	Amltas	10m-15m	Tree	450	550	1000
	Cassia Siamea	Simethangadi	10m-15m	Tree	450	550	1000
	Delonix regia	Gulmohar	10m-15m	Tree	450	550	1000
	Emblica officinalis	Amla	10m-15m	Tree	450	550	1000
	Ficus benjamina	Pukar	10m-15m	Tree	450	550	1000
	ficus infectoria	Juvvi	10m-15m	Tree	450	550	1000
	Ficus religiosa		10m-15m	Tree	450	550	1000
	Ficus septica.	Doomar	10m-15m	Tree	450	550	1000
	Gamellia arborea		10m-15m	Tree	450	550	1000
	Garcinia gummi gutta	Malabar tamarind	10m-15m	Tree	450	550	1000
	Jacaranda mamisofolia		10m-15m	Tree	450	550	1000

JSW STEEL LIMITED • TORANAGALLU-583275

	Magnifera Indica	Mango	10m-15m	Tree	450	550	1000
	Manikara Sapota		10m-15m	Tree	450	550	1000
	Millingtonia hortensis		10m-15m	Tree	450	650	1100
	Mimusops elengi	Bakul	10m-15m	Tree	450	650	1100
	Polyalthia longifolia		10m-15m	Tree	450	650	1100
	Pterocarpus marsupium	Volle honne	10m-15m	Tree	450	650	1100
	Spathodea campanulata	Neerukayi Mara	10m-15m	Tree	450	650	1100
	Terminalia Kattapa		10m-15m	Tree	450	650	1100
	Thespesia populnea		10m-15m	Tree	450	650	1100
3rd Layer	Madhuca longifolia	Mahua	15m-20 m	Tree	450	650	1100
	Acacia auriculiformis		15m-20 m	Tree	450	650	1100
	Aegle marmelos	Bhel	15m-20 m	Tree	470	650	1120
	Azadirachta indica	Neem	15m-20 m	Tree	460	650	1110
	Azardirachta indica		15m-20 m	Tree	450	650	1100
	Bombax ceiba		15m-20 m	Tree	430	650	1080
	bombax ceiba	Malabar silk cotton tree	15m-20 m	Tree	440	650	1090
	dalbergia latifolia	bette mara	15m-20 m	Tree	420	650	1070
	dalbergia sisso	Seesham	15m-20 m	Tree	410	650	1060
	Delbergia sissoo		15m-20 m	Tree	400	650	1050
	Ficus bengalensis		15m-20 m	Tree	400	650	1050
	Ficus benjamina		15m-20 m	Tree	400	650	1050
	Ficus Sycomoris	Clustered fig	15m-20 m	Tree	400	650	1050
	Ficus infectoria	Pilkhan	15m-20 m	Tree	400	650	1050
	Filicium decipiens	Neeroli	15m-20 m	Tree	400	650	1050
	Madhuca insignis	ippe mara	15m-20 m	Tree	400	650	1050
	Syzygium cumini	Jamun	15m-20 m	Tree	400	650	1050
	Tamarindus indica	Imli	15m-20 m	Tree	400	650	1050
	Terminalia Arjuna	Arjuna	15m-20 m	Tree	400	650	1050
	Terminalia chebula	Harad"	15m-20 m	Tree	400	650	1050
	Terminalia mentalis	Badam	15m-20 m	Tree	400	650	1050
	Toona Ciliata	Indian Mahogany	15m-20 m	Tree	400	650	1050
TOTAL					**23320**	**33300**	**56520**

JSW STEEL LIMITED • TORANAGALLU-583275 •

JSW Steel Limited Plantation Details		
Existing Plantation	2291277	nos
Gap Plantation done for the period (Apr - Sep 2025)	23320	nos
Additional Saplings planted for the period (Apr - Sep 2025)	33300	nos
Total Plantation In JSW Steel Limited considering Mortality as on date	2347897	nos

Plantation photographs inside the plant premises

JSW STEEL LIMITED • TORANAGALLU-583275 •

Gap filling in the existing plantation area

New Plantation

JSW STEEL LIMITED • TORANAGALLU-583275 •

Implementation progress of the plan, Cost of implementing the recommendations outlined in the Integrated Site Specific Wildlife Conservation Plan

The Management Plan of Daroji Sloth Bear Sanctuary has been prepared for the period 2020-21 to 2029-30 by the Deputy Conservator Forests, Research Division, Ballari. The plan has been approved by the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden Karnataka vide Official Memorandum No. PCCF (WL)/D/CR-64/2020 – 21 dated 29-01-2021.

JSW has undertaken the following various initiatives and details of contribution towards the implementation of the activities are as follows;

MoU Date	Purpose	Estimated Cost (INR Lakh)	Status
11.04.2015	Establishment of a **Wild Life Interpretation Centre** at Kamalapura Nature Camp site in Ballari District	150.00	Implemented
2015	Implementation of Annual Afforestation Programme for 2015-17	31.60	Implemented
21.09.2021	Undertaking **afforestation and conservation activities** including Soil Moisture Conservation and Protection at Yerabanahalli area around the periphery of JSW Complex	105.00	Completed
23.03.2022	Developing of **Afforestation /Greenbelt at Torangallu RF** area around the periphery of JSW Complex	226.01	Under Progress
23.03.2022	Developing of **Greenbelt at Daroji RF** area around the periphery of JSW Complex	468.93	Under Progress
23.03.2022	Developing of **Greenbelt at Public Park at Ballari**	310.00	Under Progress
	Grand Total INR LAKH Say, INR 12.92 Cr.	**1291.54**	

JSW STEEL LIMITED • TORANAGALLU-583275

Integrated Site Specific Wildlife conservation Plan

The Integrated Site Specific Wildlife Conservation plan (ISSWLCP) has been prepared for the whole JSW complex by JSW Steel Limited and this shall be applicable to all the Auxiliary companies.

The Integrated Site Specific Wildlife Conservation plan (ISSWLCP) for the Schedule I Fauna present/reported (along with updated schedule-I Fauna has been incorporated as per The Wild life (Protection) Amendment Act dt. 20.12.2022), prepared by Mr. Acharya Sreekanta Sankaradasji, Functional Area Expert empanelled with M/s Shreegreen Consultants, Surat, Gujarat, an NABET accredited consulting organization.

The integrated Site Specific Wildlife Conservation Plan submitted to DCF Ballari, which is under approval. The estimated cost toward the implementation of the plan **is Rs. 8.1 Crores**. Details of the same are as under:

Financial provision of works in Zone of Influence (Buffer Zone)
(To be implemented by DCF Bellari Forest Division)

Implementing agency: DCF Bellari division Forest Department Karnataka Funding agency: JSW Steel Limited

Sl.no	Para reference	Description of work	Amount ₹ in lac
	Chapter V	Proposed interventions in the buffer zone (ZoI)	
	Chapter V	Proposed interventions in the buffer zone (ZoI)	
1	5.1	**WILDLIFE ENFORCEMENT ACTIVITIES**	
	5.1.1	Establishment of Anti-Poaching Barrack to support protection activities and elephant monitoring activities (including water supply, solar light system, boundary facility etc.):	50.0
	5.1.2	Anti-depredation/ Protection Squad	10.0
	5.1.3	Procurement of camping equipment's (Tents, sleeping bag, water bottle, all terrain shoes, haversack, torch etc.)	10.0
2	5.2	**WILDLIFE HABITAT MANAGEMENT**	
	5.2.1	Grassland Management (weed eradication in existing open patches with necessary grass planting, its maintenance etc.)	100.0
	5.2.2	Desilting, Renovation & maintenance of existing water bodies	100.00
	5.2.3	Construction of Check dam along the nallah	15.0
3	5.3	**WILDLIFE MONITORING**	
	5.3.1	Procurement of Camera Trap	5.0
	5.3.2	Procurement of Monitoring Kits (including Binoculars, Compass, Range Finders etc.)	5.0

JSW STEEL LIMITED • TORANAGALLU-583275 •

4	5.4	**HUMAN WILDLIFE CONFLICT MITIGATION**	
	5.4.1	Installation of Solar Street lamp/light in elephant affected villages and its maintenance	15.0
	5.4.2	Provision of Tranquilizing Kit (Dart Gun & Medicines with other accessories)	5.0
	5.4.3	Provision of barricading open wells in the impact area (in agricultural lands)	15.0
5	5.5	**LIVELIHOOD GENERATION THROUGH COMMUNITY MOBILIZATION**	
	5.5.1	Measures to prevent diseases to wild animals	5.0
	5.5.2	Infiltration & Recharge	10.0
6	5.6	**WILDLIFE PROTECTION & ANTI-DEPREDATION**	
	5.6.1	Arranging Warning & Wading system	50.0
	5.6.2	Rescue van with animal trap crates	10.0
7	5.7	**PUBLIC AWARENESS, MONITORING & EVALUATION**	
	5.7.1	IEC activities	5.0
	5.7.2	Educating the community	
		Conducting awareness camps	5.0
		Providing grain bin	5.0
		Strengthening GIS cell	15.0
	5.7.3	Hoardings, signage's, wall writings, competitions etc	10.0
	5.7.4	Monitoring & Evaluation	15.0
		Total	460.0
		20% escalation	92.0

F		Grand total	552.0
		Comprehensive conservation plan for 25 nos. of Schedule I species @ ₹ 1 lakh per species per year for 10 years (1 lakh x10 years x25 nos.)	250.0
		Unforeseen contingencies	8.0
		Amount earmarked for SSWCP	810.0
		₹ Eight hundred ten lakhs, say 8.1 Cr	**₹ 810.0 lac**

JSW STEEL LIMITED • TORANAGALLU-583275 •

Annexure 03

ENVIRONMENTAL QUALITY MONITORING SUMMARY (April - 2025 to Sept - 2025)

Ambient Air Quality Monitoring Results at Nearby Villages : 24 Hrs Average (Period: April 2025 to Sept 2025)

Month	LOCATION	Norms(Daily Average)	Hampi	Gadi ganur	Kure kupa	Kudi thini	Torana gallu	Vaddu	Sulthanpur	Basa pur	Vidya nagar	Talur	Karadi dhama
April-25	$PM_{10}(\mu g/m^3)$	100	35.4	46.3	42.7	41.9	44.8	55.8	56.8	42.1	52.9	46.0	39.9
	$PM_{2.5}(\mu g/m^3)$	60	12.2	18.9	16.8	14.4	17.9	22.1	22.5	16.8	19.9	18.6	14.3
	$SO_2(\mu g/m^3)$	80	10.4	14.9	12.2	12.6	13.1	12.7	16.7	11.0	9.6	12.5	9.7
	$NO_2(\mu g/m^3)$	80	9.6	12.4	10.7	10.8	8.9	14.9	12.7	12.7	11.9	10.8	10.4
May-25	$PM_{10}(\mu g/m^3)$	100	46.7	45.8	42.2	41.4	44.5	55	55.8	41.9	52.4	46.1	50.6
	$PM_{2.5}(\mu g/m^3)$	60	27.0	20	15	32	28	26	20.0	24	16	35	19
	$SO_2(\mu g/m^3)$	80	17.92	17.63	30.63	28.67	25.07	25.09	18.30	15.34	12.47	20.6	21.89
	$NO_2(\mu g/m^3)$	80	12.2	28.8	21.2	25.1	19.3	20.4	17.3	18.5	15.5	16.5	10.5
June-25	$PM_{10}(\mu g/m^3)$	100	47.3	45.3	42.5	56.2	45	58.8	56.7	42.6	53	46.1	56.0
	$PM_{2.5}(\mu g/m^3)$	60	33	35	37	45	34	24.3	27.2	23.7	17.34	29	35
	$SO_2(\mu g/m^3)$	80	28.15	29.6	30.36	28.67	27.6	20	22.1	28	11.7	32	24.48
	$NO_2(\mu g/m^3)$	80	32.1	27.7	28.3	32.6	25.03	28	25.2	22.4	13.2	29	21.4
July-25	$PM_{10}(\mu g/m^3)$	100	50	49.5	48.6	51.6	42	57	56.8	42.5	37.0	51.4	60.1
	$PM_{2.5}(\mu g/m^3)$	60	35	21	32.1	43.2	39	26	30.2	29.6	17.25	31.2	36.2
	$SO_2(\mu g/m^3)$	80	28.15	14.36	31.25	30.10	31.06	8.14	25.93	33.92	10.25	29.50	28.77
	$NO_2(\mu g/m^3)$	80	23.50	24.60	26.25	32.80	29.20	12.24	20.60	30.80	11.46	25.26	26.32
Aug-25	$PM_{10}(\mu g/m^3)$	100	57	56	54	58	61	57	48	52	42	46	52
	$PM_{2.5}(\mu g/m^3)$	60	28	29	32	26	36	21	28	31	18	23	20
	$SO_2(\mu g/m^3)$	80	23	32	26	29	32	16	18	23	12	22	19
	$NO_2(\mu g/m^3)$	80	21	30	28	26	21	17	21	26	14	20	21
Sep-25	$PM_{10}(\mu g/m^3)$	100	52	54	56	53	62	60	47	54	46	47	56
	$PM_{2.5}(\mu g/m^3)$	60	26	27	34	24	34	32	25	30	24	23	19
	$SO_2(\mu g/m^3)$	80	24	31	28	25	33	18	17	21	18	20	18
	$NO_2(\mu g/m^3)$	80	23	32	25	22	24	16	23	22	20	18	21

JSW STEEL LIMITED • TORANAGALLU-583275 •

Continuous Ambient Air Quality Monitoring Data- Daily Average Month wise (April - 2025 to Sep - 2025)

VIDYANAGAR TOWNSHIP							Norms
PARAMETERS	April	May	June	July	August	September	Norms
PM 10 (µg/m³)	52.41	40.49	37.25	36.93	43.03	38.85	100
PM 2.5 (µg/m³)	22.10	16.88	15.83	15.41	17.72	16.08	60
SO2 (µg/m³)	14.20	12.29	12.51	13.88	15.61	12.38	80
NOx(µg/m³)	17.90	16.34	16.37	13.68	17.77	13.29	80
CO (mg/m³)	0.52	0.36	0.33	0.27	0.46	0.32	2

SULTHANPUR							Norms
PARAMETERS	April	May	June	July	August	September	
PM 10 (µg/m³)	54.71	57.99	53.20	55.52	51.26	51.57	100
PM 2.5 (µg/m³)	25.98	27.74	25.34	25.48	23.94	24.19	60
SO2 (µg/m³)	20.88	22.26	20.13	22.66	19.14	18.86	80
NOx(µg/m³)	25.40	25.52	26.70	28.66	23.39	23.05	80
CO (mg/m³)	0.77	0.85	1.06	1.03	0.83	0.57	2

SHANKAR HILL TOWNSHIP							Norms
PARAMETERS	April	May	June	July	August	September	
PM 10 (µg/m³)	51.53	45.16	47.09	39.27	45.65	49.71	100
PM 2.5 (µg/m³)	24.59	21.72	22.99	18.35	21.76	23.35	60
SO2 (µg/m³)	18.15	18.02	15.87	17.01	16.63	14.99	80
NOx(µg/m³)	23.85	20.21	19.39	20.43	20.73	20.01	80
CO (mg/m³)	0.42	0.54	0.53	0.41	0.53	0.50	2

JSW STEEL LIMITED • TORANAGALLU-583275

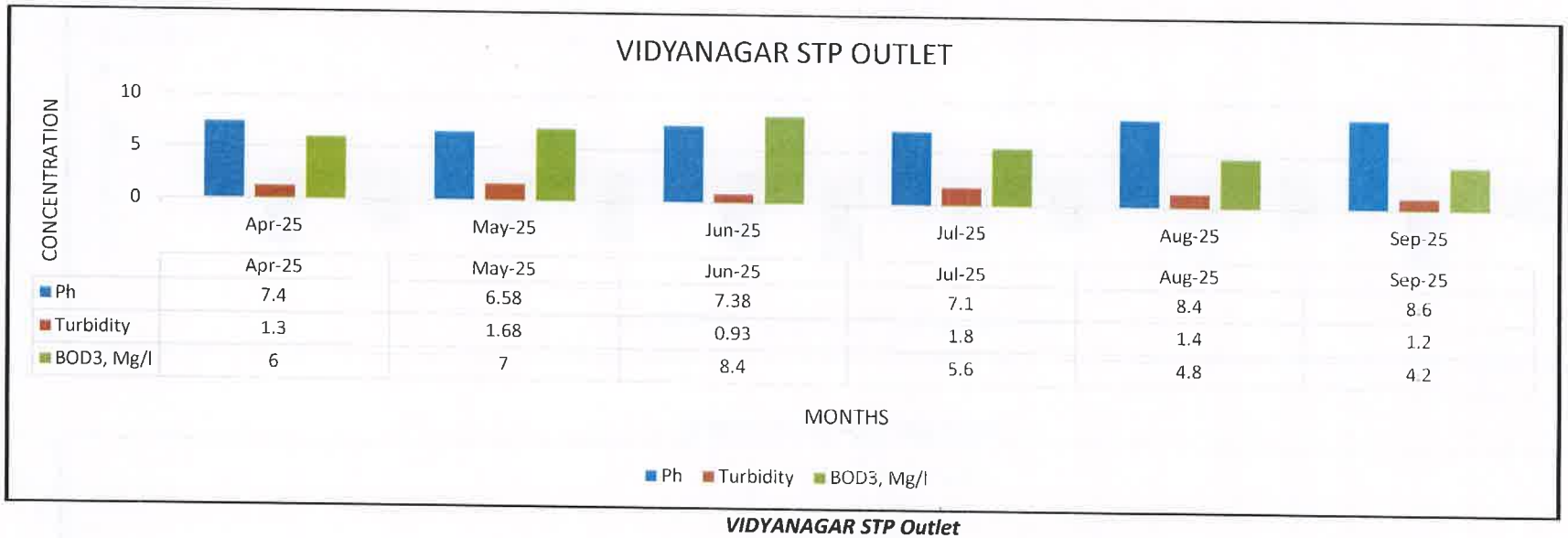
10 MT GATE							Norms
PARAMETERS	April	May	June	July	August	September	
PM 10 (µg/m³)	53.86	72.19	57.71	63.17	56.19	55.06	100
PM 2.5 (µg/m³)	25.23	26.51	27.57	30.10	26.19	25.82	60
SO2 (µg/m³)	19.59	21.85	19.55	16.01	15.93	16.68	80
NOx(µg/m³)	25.28	26.07	23.79	19.73	21.18	19.05	80
CO (mg/m³)	0.62	0.66	0.50	0.50	0.63	0.59	2

VADDU VILLAGE							Norms
PARAMETERS	April	May	June	July	August	September	
PM 10 (µg/m³)	66.68	68.20	59.74	58.70	58.22	56.33	100
PM 2.5 (µg/m³)	30.93	31.34	25.57	28.41	30.84	27.88	60
SO2 (µg/m³)	23.79	14.88	21.53	18.03	17.22	14.72	80
NOx(µg/m³)	27.99	15.56	27.60	22.49	22.05	18.43	80
CO (mg/m³)	0.89	0.67	1.06	0.87	1.30	0.60	2

V V NAGAR TOWNSHIP							Norms
PARAMETERS	April	May	June	July	August	September	
PM 10 (µg/m³)	53.91	44.86	48.70	41.26	41.60	43.36	100
PM 2.5 (µg/m³)	24.51	20.82	22.66	18.78	19.10	19.98	60
SO2 (µg/m³)	16.44	16.84	18.33	15.57	18.61	18.81	80
NOx(µg/m³)	27.00	23.18	24.24	23.73	23.06	19.00	80

CO (mg/m³)	0.64	0.61	0.65	0.72	0.68	0.88	**2**

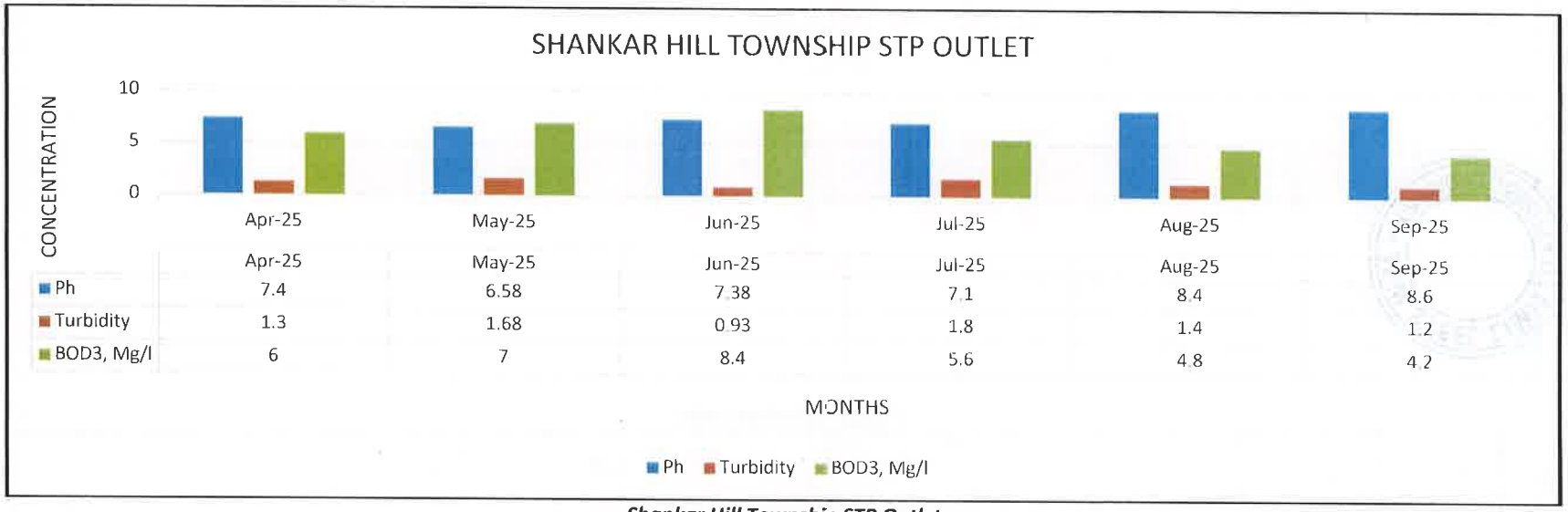
Sewage Treatment Plant Outlet Water Quality Monitoring Report (April 2025 to Sept 2025)



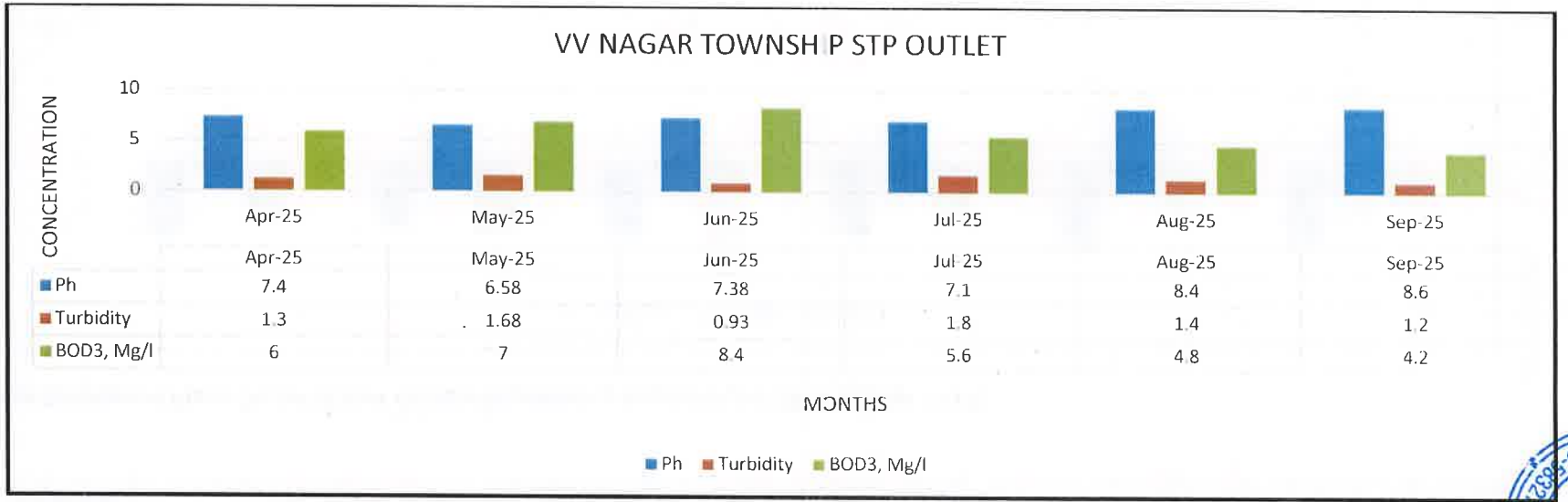
	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
Ph	7.4	6.58	7.38	7.1	8.4	8.6
Turbidity	1.3	1.68	0.93	1.8	1.4	1.2
BOD3, Mg/l	6	7	8.4	5.6	4.8	4.2

VIDYANAGAR STP Outlet

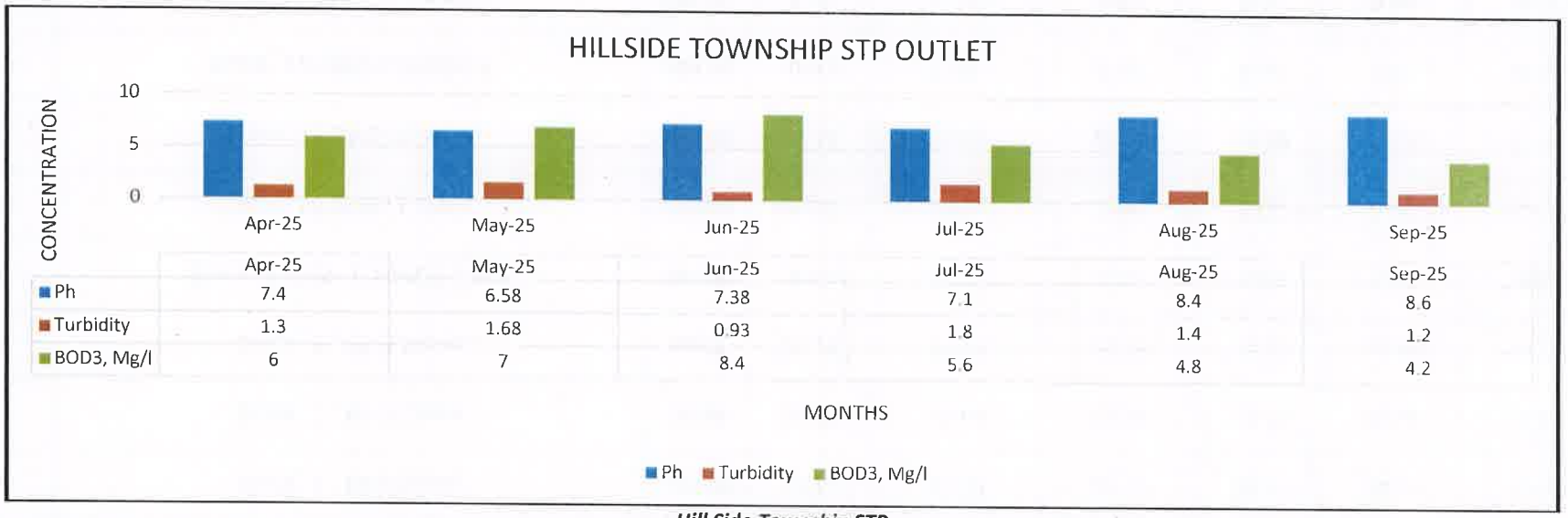
JSW STEEL LIMITED • TORANAGALLU-583275 •



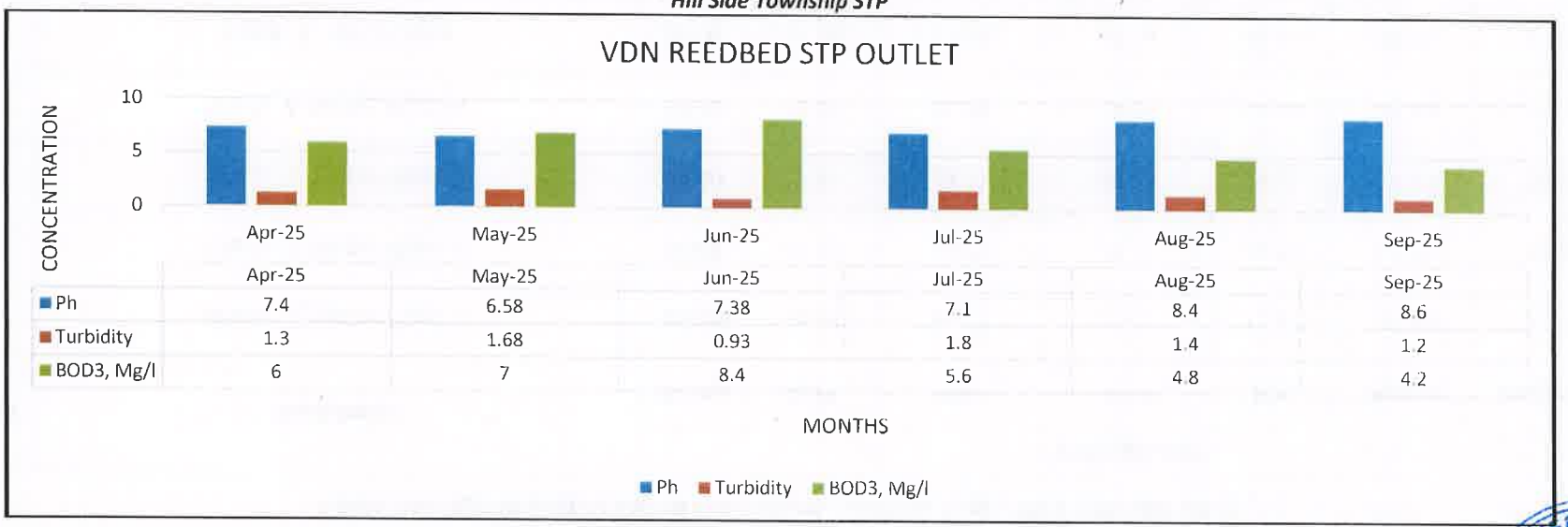
Shankar Hill Township STP Outlet



VV NAGAR STP



Hill Side Township STP

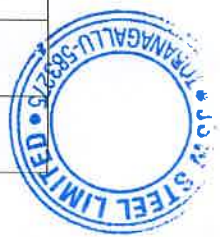


Vidyanagar Reed Bed STP

JSW STEEL LIMITED • TORANAGALLU-583275 •

CEMS Stack Results 24 hrs Average (Period: April 2025 to Sept 2025)

CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
1	Stack_1_Sinter Plant-1	**150.00**	18.54	16.67	17.27	16.21	19.40	23.91
2	Stack_2_Sinter Plant-2	**50.00**	17.63	16.22	15.22	13.95	17.29	17.21
3	Stack_3_Sinter Plant-3	**50.00**	25.91	28.32	28.23	27.61	27.53	26.29
4	Stack_4_Sinter Plant-4	**50.00**	16.89	16.94	14.61	14.70	13.44	16.25
5	Stack_5_ BF-1 Stove	**50.00**	18.18	19.14	19.26	19.53	19.66	21.27
6	Stack_6_ BF-2 Stove	**150.00**	21.82	22.22	21.22	19.90	28.29	28.04
7	Stack_7_ BF-3 Stove	**50.00**	23.08	21.64	21.58	21.70	19.60	19.61
8	Stack_8_ BF-4 Stove	**50.00**	21.78	25.44	20.18	18.07	15.96	17.61
9	Stack_9 SMS- 1 HMDS 1 & 2	**150.00**	0.00	0.00	0.00	0.00	0.00	0.00
10	Stack_10 SMS- 1 LHF-1	**150.00**	0.00	0.00	0.00	0.00	0.00	0.00
11	Stack_11 SMS-1 LHF-2	**150.00**	22.14	24.18	23.78	20.98	25.58	27.98
12	Stack_12 SMS- 1 HMDS 3	**150.00**	0.00	0.00	0.00	0.00	0.00	0.00
13	Stack_13 SMS - 1 HMPT I	**150.00**	0.00	0.00	0,00	0.00	0.00	0.00



CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
14	Stack_14 SMS -1 HMPT II	**150.00**	0.00	0.00	0.00	0.00	0.00	0.00
15	Stack_15 SMS- 1 KR Process	**150.00**	24.75	22.94	26.49	26.37	24.28	23.38
16	Stack_16 SMS- 1 LHF- 3	**150.00**	25.86	24.79	24.84	23.67	29.37	26.48
17	Stack_17 SMS- 2 HMDS - 1	**50.00**	17.96	18.64	17.38	19.03	24.46	23.20
18	Stack_18 SMS- 2 HMDS - 2	**50.00**	20.23	21.80	19.51	17.36	17.57	18.47
19	Stack_19 SMS-2 K R Process & Pouring station	**50.00**	20.59	18.47	18.41	20.30	17.59	18.53
20	Stack_20 SMS- 3 Fume Extraction system	**50.00**	20.57	20.15	20.74	20.29	16.11	16.85
21	Stack_21 HSM- 1 Reheating Furnace 1	**150.00**	25.80	28.47	28.70	24.35	22.00	20.98
22	Stack_22 HSM -1 Reheating Furnace 2	**150.00**	25.32	25.35	24.72	22.45	21.22	24.18
23	Stack_23 HSM -2 Reheating Furnace 3	**50.00**	20.64	18.87	17.58	18.60	21.71	20.78
24	Stack_24 HSM -2 Reheating Furnace 4	**50.00**	20.84	19.49	19.56	18.86	16.64	16.88
25	Stack_25 HSM -2 Reheating Furnace 5	**50.00**	21.72	21.28	20.71	17.39	18.80	21.15
26	Stack_26 Wire Rod Mill Reheating Furnace	**50.00**	20.35	20.85	21.07	20.10	23.30	24.15
27	Stack_27 BRM 1 Reheating Furnace	**50.00**	20.94	19.50	18.96	17.37	22.47	25.05

CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
28	Stack_28 BRM 2 Reheating Furnace	**50.00**	19.70	21.22	18.2	18.02	21.94	19.38
29	Stack_29 CRM 1 - BAF	**50.00**	20.13	21.61	19.62	17.27	18.85	21.68
30	Stack_30 CRM 1 - Annealing cum coating line Radiant tube furnace	**50.00**	20.53	19.68	17.66	18.82	16.42	17.78
31	Stack_31 CRM 2 - Galvansing line -Furnace	**50.00**	19.42	19.46	20.10	23.54	18.29	16.83
32	Stack_32 CRM 2 -Annealing Line 1– Furnace	**50.00**	21.92	21.54	20.26	18.59	20.68	22.31
33	Stack_33 CRM 2 -Annealing Line 2– Furnace	**50.00**	21.13	20.03	18.27	19.82	19.61	20.08
34	Stack_34 COKE OVEN 3 Battery- 1 & 2	**50.00**	21.65	19.79	21.08	19.80	19.46	20.34
35	Stack_35 COKE OVEN 3 Battery-3 & 4	**50.00**	22.08	23.44	23.72	21.84	18.57	21.62
36	Stack_36 COKE OVEN 4 Battery-1 & 2	**50.00**	22.77	20.78	20.81	21.79	22.76	23.29
37	Stack_37 COKE OVEN 4 Battery-3 & 4	**50.00**	20.38	23.09	20.35	20.07	24.64	24.20
38	Stack_38 LCP -1 to 4, Lime Kiln -1	**150.00**	38.95	29.74	30.74	27.64	33.63	35.37
39	Stack_39 LCP -1 to 4, Lime Kiln -2	**150.00**	35.03	33.69	29.87	29.12	29.53	29.10
40	Stack_40 LCP -1 to 4, Lime Kiln -3	**150.00**	43.63	37.14	35.96	30.16	30.56	28.02
41	Stack_41 LCP -1 to 4, Lime Kiln -4	**150.00**	35.19	30.74	29.34	28.12	25.68	21.35

CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
42	Stack_42 LCP -5 to 8, 7 MTPA Lime Kiln -5	**50.00**	22.05	19.71	18.89	15.68	24.22	20.11
43	Stack_43 LCP -5 to 8, 7 MTPA Lime Kiln -6	**50.00**	19.63	18.67	19.17	16.55	21.95	21.37
44	Stack_44 LCP -5 to 8, 7 MTPA Lime Kiln -7	**50.00**	0.00	0.00	19.19	18.65	23.49	25.77
45	Stack_45 LCP -5 to 8, 7 MTPA Lime Kiln -8	**50.00**	21.03	19.11	18.09	18.88	20.57	23.65
46	Stack_46 LCP -9 to 12, 10 MTPA Lime Kiln -9	**50.00**	20.79	21.23	19.34	21.13	25.57	19.69
47	Stack_47 LCP -9 to 12, 10 MTPA Lime Kiln -10	**50.00**	23.53	20.75	18.64	18.19	19.16	20.59
48	Stack_48 LCP -9 to 12, 10 MTPA Lime Kiln -11	**50.00**	22.45	22.26	20.38	18.65	22.68	18.33
49	Stack_49 LCP -9 to 12, 10 MTPA Lime Kiln -12	**50.00**	0.00	17.05	18.86	20.99	21.25	18.95
50	Stack_50 Corex 1 & 2 Cast House dedusting	**150.00**	25.33	24.96	27.12	25.24	22.65	23.20
51	Stack_51 BF- 1 Stock House	**50.00**	21.21	21.05	18.86	17.04	14.52	16.46
52	Stack_52 BF- 2 Stock House	**150.00**	26.22	27.09	24.11	19.80	20.53	19.32
53	Stack_53 BF - 2 Stock House_ New DDS	**150.00**	25.29	27.20	27.40	24.11	23.71	27.37
54	Stack_54 BF -3 Stock House	**50.00**	21.34	18.74	17.7	20.75	17.89	21.99
55	Stack_55 BF -4 Stock House	**50.00**	22.62	18.25	18.94	21.39	18.27	19.90

CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
56	Stack_56 CPP 1 - 390 TPH Boiler	**150.00**	28.08	25.05	26.17	23.28	23.91	21.47
57	Stack_57 CPP 2 -200 TPH Boiler	**150.00**	28.46	29.04	27.56	21.71	24.38	27.15
58	Stack_58 CPP 3 -300 MW Power Plant	**50.00**	0.00	0.00	0.00	19.90	28.92	25.26
59	Stack_59 CPP 4 - 300 MW Power Plant	**50.00**	21.61	22.18	19.25	20.19	28.53	26.35
60	Stack_60 Sinter Plant-3 Dedusting	**50.00**	23.12	22.46	23.40	19.65	21.35	23.75
61	Stack_61 BF -1 Cast House	**50.00**	21.27	21.39	20.45	17.82	14.82	20.72
62	Stack_62 BF - 2 Cast House	**150.00**	23.40	24.57	28.12	22.61	24.17	26.96
63	Stack_63 BF-3 East Cast House	**50.00**	21.85	19.83	20.51	20.89	16.26	17.55
64	Stack_64 BF -3 West Cast House	**50.00**	20.50	18.86	16.37	17.97	18.01	17.75
65	Stack_65 Blast Furnace -4 East Cast House	**50.00**	19.13	20.67	20.65	17.33	18.45	21.06
66	Stack_66 Blast Furnace -4 West Cast House	**50.00**	21.74	20.15	21.82	19.15	20.18	21.86
67	Stack_67 SMS- 1 Secondary dedusting systems for Converters I, II and III	**150.00**	28.59	28.27	27.96	20.82	23.63	25.68
68	Stack_68 SMS -2 Secondary dedusting systems for Converters I, II, LHF I & II	**50.00**	23.07	21.39	20.43	17.63	15.31	17.99
69	Stack_69 SMS-2 Secondary dedusting systems for Converters III and IV & LHF III and IV	**50.00**	23.31	19.32	17.83	19.27	18.47	21.57

CEMS Average Report of KSPCB From April – 2025 to Sept -2025 (Month wise)								
SR. NO	Stack Name	PM (mg/ NM^3)						
		Norms	April	May	June	July	August	September
70	Stack_70 PP - 1 wind & Hood Box	**150.00**	53.98	46.26	43.66	40.17	43.36	42.53
71	Stack_71 PP - 2 Wind & Hood Box	**50.00**	21.87	19.14	18.21	17.28	17.14	17.63
72	Stack_72 PP - 3 wind & Hood Box-PM-mg/Nm3	**50.00**	19.42	21.00	19.49	17.36	18.55	19.75

CEMS Gases Average Report of KSPCB From April – 2025 to Sept - 2025 (Month wise)									
SR. NO	Stack Name								
			Norms	April	May	June	July	August	September
1	Stack_5_ BF-1 Stove	SO2-mg/Nm3	**250.00**	146.89	153.22	144.15	144.28	151.15	152.41
		NOX-mg/Nm3	**150.00**	70.87	71.26	72.9	69.04	74.33	75.52
2	Stack_6_ BF-2 Stove	SO2-mg/Nm3	**250.00**	153.23	145.83	147.91	145.41	162.56	163.77
		NOX-mg/Nm3	**150.00**	73.76	74.59	73..68	73.33	80.93	83.94
3	Stack_7_ BF-3 Stove	SO2-mg/Nm3	**250.00**	154.53	143.87	162.81	150.77	153.66	158.20
		NOX-mg/Nm3	**150.00**	75.53	72.81	78.72	73.23	74.70	81.81
4	Stack_8_ BF-4 Stove	SO2-mg/Nm3	**250.00**	148.16	152.25	152.61	149.35	160.50	161.85
		NOX-mg/Nm3	**150.00**	74.08	72.14	74.62	71.66	78.54	83.64
5	Stack_34 COKE OVEN Battery- 1 & 2	SO2-mg/Nm3	**800.00**	502.74	516.44	519.52	529.42	540.43	525.77
		NOX-mg/Nm3	**500.00**	266.31	251.24	260.22	250.12	232.03	242.46

JSW STEEL LIMITED • TORANAGALLU-583275 •

CEMS Gases Average Report of KSPCB From April – 2025 to Sept - 2025 (Month wise)									
SR. NO	Stack Name		Norms	April	May	June	July	August	September
6	Stack_35 COKE OVEN 3 Battery-3 & 4	SO2-mg/Nm3	800.00	505.14	507.37	521.07	537.68	546.02	542.19
		NOX-mg/Nm3	500.00	257.62	255.52	266.18	253.89	244.66	251.24
7	Stack_36 COKE OVEN 4 Battery -1 & 2	SO2-mg/Nm3	800.00	498.70	515.51	520.48	541.77	551.82	544.08
		NOX-mg/Nm3	500.00	260.69	249.79	264.66	252.92	247.49	253.69
8	Stack_37 COKE OVEN 4 Battery-3 & 4	SO2-mg/Nm3	800.00	496.85	519.17	519	539.2	546.37	548.27
		NOX-mg/Nm3	500.00	251.33	248.3	255.39	247.08	250.35	253.17
9	Stack_56 CPP 1 - 390 TPH Boiler	SO2-mg/Nm3	600.00	224.65	224.95	243.59	163.23	203.99	208.27
		NOX-mg/Nm3	300.00	129.22	130.06	125.72	100.77	108.01	128.82
10	Stack_57 CPP 2 -200 TPH Boiler	SO2-mg/Nm3	600.00	231.57	231.16	238.33	155.77	203.52	225.24
		NOX-mg/Nm3	300.00	132.82	128.52	124.62	89.63	116.27	139.11
11	Stack_58 CPP 3 -300 MW Power Plant	SO2-mg/Nm3	600.00	0.00	0.00	0.00	430.17	533.76	525.42
		NOX-mg/Nm3	300.00	0.00	0.00	0.00	168.63	195.16	202.87
12	Stack_59 CPP 4 - 300 MW Power Plant	SO2-mg/Nm3	600.00	501.82	544.56	522.45	543.44	538.08	527.95
		NOX-mg/Nm3	300.00	193.66	203.56	199.67	189.63	203.57	203.10

JSW STEEL LIMITED • TORANAGALLU-583275 •

Ambient Noise Level Monitoring At Nearby Villages (April - 2025 to September - 2025)

Location Name	Day Time Norms dB(A)Leq	April	May	June	July	August	September
Shankar Hill Township	55	48.0	49.2	37.5	38.6	38	43
Sultanpur Village	55	50.9	51.2	38.8	38.6	46	42
Toranagallu	55	48.4	49.2	35.7	42.1	35	45
Talur Village	55	48.3	50.1	35.6	36.8	30	39
Vaddu Village	55	50.4	51.2	39.8	46.7	32	43
Gadiganur Village	55	42.7	48.8	33.3	36.5	37	40
Basapur Village	55	40.8	47.9	29.6	28.9	41	43
Kurekuppa Village	55	41.2	45.8	26.8	38.9	38	41
Karadidhama Village	55	38.5	43.3	39.3	32.1	46	44
Kudithini Village	55	41.0	49.2	29.7	42.9	32	43
Hampi Village	55	39.9	39.9	30.8	36.8	21	44
Vidyanagar Township	55	44.4	44.8	37.6	26.8	36	38
VV Nagar	55	49.2	49.8	32.4	35.6	38	42
10 MT Main Gate	55	50.2	50.8	40.8	39.8	41	43

Location Name	Night time Norms dB(A)Leq	April	May	June	July	August	September
Shankar Hill Town	45	40.2	41.3	32.8	30.1	27	36
Sultanpur	45	41.1	42.9	31.2	36.8	29	34
Toranagallu	45	41.0	42.1	30.4	35.7	30	38
Talur	45	40.8	38.8	29.3	26.5	26	33
Vaddu	45	39.1	36.8	32.6	26.8	28	37
Gadiganur	45	38.6	37.8	28.7	25.6	31	35
Basapur	45	41.8	41.8	26.4	25.8	33	33
Kurekuppa	45	38.4	32.5	23.8	28.6	23	32
Karadidhama	45	32.3	34.5	32.6	35.6	38	37
Kudithini	45	39.7	38.7	24.9	36.1	30	36
Hampi	45	38.4	39.5	26.7	28.8	30	31
Vidyanagar	45	41.3	40.2	30.4	28.9	30	30
VV Nagar	45	40.2	41.2	27.0	26.9	31	37
10 MT Main Gate	45	40.3	42.8	33.5	32.1	34	36

Annexure 04

Environment Policy

JSW Steel recognizes protecting and nurturing the environment as one of its primary responsibilities in its operations.

We are committed to be a role model for the Steel Industry by exceeding compliance obligation through:

- Integrating risks and opportunities related to the environment in business strategies and decisions.
- Our commitment to protect the environment, prevention of pollution, noise, vibration, and complying with other compliances relevant to the context of the organization.
- Continual evaluation of environmental impact and adoption of appropriate practices and technologies to mitigate adverse effects.
- Fulfilling all the related compliance obligations.
- Conservation and efficient utilization of natural resources in our areas of operations and minimizing wastes.
- Continual improvement of Environment Management System and enhancing Environmental performance.
- Developing new grades of steel with lower life cycle impact on the environment.
- Ensure Zero liquid discharge and reduce overall carbon footprint.
- Engaging our workforce, suppliers and community to create an eco- friendly society and to build awareness on the subject
- Taking lead on environmental conservation initiatives and preservation of bio-diversity around areas of our operation.

Rev No: 06
Date: 24th January 2024

P K Murugan
President

JSW Steel Limited, Vijayanagar Works
Better Everyday

JSW STEEL LIMITED • TORANAGALLU-583275 •

Newspaper advertisement for grant of EC

Public Notice regarding Grant of Environmental Clearance

The Ministry of Environment, Forest and Climate Change, Government of India, has granted Environment Clearance vide its EC Identification No. EC24A1001KA5580178S, Dated 25/07/2024 for Splitting of existing EC of M/s JSW Steel Ltd, Vijayanagar works of 18 MTPA Integrated Steel plant, 1490 MW CPP along with 2.2 MTPA Slag cement between M/s JSW Steel Limited, M/s JSW Vijayanagar Metallics Limited (JVML) and M/s JSW Cement Limited.

Now, JSW Steel Limited will remain with a final configuration of 13 MTPA Integrated Steel facilities, 1490 MW of CPP and 0.2 MTPA Slag cement unit.

Transfer of 5 MTPA Integrated Steel facilities to M/s JSW Vijayanagar Metallics Limited and Transfer of 2 MTPA Slag Grinding Unit to Existing 4 MTPA Slag cement plant of M/s JSW Cement Limited, located at Vijayanagar works, Toranagallu, Ballari, Karnataka.

The copy of the same is available at Ministry of Environment, Forest and Climate Change website (www.parivesh.nic.in), Regional Office (Ballari), Head Office (Bengaluru) of Karnataka State Pollution Control Board and Available in company's website (www.jsw.in)

Sd/-
Authorized Signatory
(M/s JSW Steel Limited,
M/s JSW Vijayanagar Metallics Limited,

Place: Toranagallu

New published in The New Indian Express

ಪರಿಸರೀಯ ಸ್ವೀಕೃತಿಗೊಳಿಸುವಿಕೆ ಮಂಜೂರಾತಿ ಕುರಿತು ಸಾರ್ವಜನಿಕ ಸೂಚನೆ

ಭಾರತ ಸರ್ಕಾರದ ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯವು ತನ್ನ EC ಗುರುತಿನ ಸಂಖ್ಯೆ – EC24A1001KA5580178S ದಿನಾಂಕ: 25/07/2024ರಲ್ಲಿ ಪರಿಸರೀಯ ಸ್ವೀಕೃತಿಗೊಳಿಸುವಿಕೆ ಕುರಿತು ಅನುಮತಿಯನ್ನು ನೀಡಿದೆ. ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸ್ಟೀಲ್ ಲಿಮಿಟೆಡ್‌ನ ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ ಪರಿಸರೀಯ ಸ್ವೀಕೃತಿಗೊಳಿಸುವಿಕೆಯನ್ನು (EC) ವಿಭಜಿಸುವುದು. ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸಂಯೋಜಿತ ಉಕ್ಕಿನ ಸ್ಥಾವರ ವಿಜಯನಗರದ 18 MTPA, ಮತ್ತು 1490 MW CPP ಜೊತೆಗೆ 2.2 MTPA ಸ್ಲಾಗ್ ಸಿಮೆಂಟ್‌ಗಳನ್ನು, ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸ್ಟೀಲ್ ಲಿಮಿಟೆಡ್, ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ವಿಜಯನಗರ ಮೆಟಾಲಿಕ್ಸ್ ಲಿಮಿಟೆಡ್ ಮತ್ತು ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸಿಮೆಂಟ್ ಲಿಮಿಟೆಡ್ ಸಂಸ್ಥೆಗಳ ನಡುವೆ ವಿಭಜಿಸಿದೆ.

ಈಗ, ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸ್ಟೀಲ್ ಲಿಮಿಟೆಡ್ 13 MTPA ಸಂಯೋಜಿತ ಉಕ್ಕಿನ ಸ್ಥಾವರ ಸೌಲಭ್ಯಗಳು, 1490 MW CPP ಮತ್ತು 0.2 MTPA ಸ್ಲಾಗ್ ಸಿಮೆಂಟ್ ಘಟಕ, ಇವು ಅಂತಿಮ ಸಂರಚನೆಯೊಂದಿಗೆ ಉಳಿಯುತ್ತದೆ. ಕರ್ನಾಟಕದ ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆಯ, ತೋರಣಗಲ್ಲು ವಿಜಯನಗರ ವರ್ಕ್ಸ್ ನಲ್ಲಿರುವ ಸಂಸ್ಥೆಗಳಾದ, ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ವಿಜಯನಗರ ಮೆಟಾಲಿಕ್ಸ್ ಲಿಮಿಟೆಡ್‌ಗೆ 5 MTPA ಸಂಯೋಜಿತ ಉಕ್ಕಿನ ಸ್ಥಾವರ ಸೌಲಭ್ಯಗಳನ್ನು ವರ್ಗಾಯಿಸುವುದು ಮತ್ತು ಎಂ/ಎಸ್ ಜೆ.ಎಸ್.ಡಬ್ಲ್ಯೂ. ಸಿಮೆಂಟ್ ಲಿಮಿಟೆಡ್, ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ 4 MTPA ಸ್ಲಾಗ್ ಸಿಮೆಂಟ್ ಘಟಕಕ್ಕೆ, 2 MTPA ಸ್ಲಾಗ್ ಗ್ರೈಂಡಿಂಗ್ ಘಟಕವನ್ನು ವರ್ಗಾಯಿಸುವುದು.

ಮಂಜೂರಾತಿ ಅನುಮತಿಯ ಪ್ರತಿಯು ಪರಿಸರ, ಅರಣ್ಯ ಮತ್ತು ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯದ ವೆಬ್‌ಸೈಟ್: (www.parivesh.nic.in), ಪ್ರಾದೇಶಿಕ ಕಚೇರಿ (ಬಳ್ಳಾರಿ), ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯ ಪ್ರಧಾನ ಕಚೇರಿ (ಬೆಂಗಳೂರು) ನಲ್ಲಿ ಲಭ್ಯವಿದೆ ಮತ್ತು ಕಂಪನಿಯ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಲಭ್ಯವಿದೆ (www.jsw.in)

Sd/- Authorized Signatory
(M/s JSW Steel Limited,
M/s JSW Vijayanagar Metallics Limited,

ಸ್ಥಳ : ತೋರಣಗಲ್ಲು

New published in Kannada Nudi News Paper

JSW STEEL LIMITED • TORANAGALLU-583275 •

Annexure -06

Photographs of the Boads displayed at the Entry of the All units inside the JSW Complex

JSW STEEL LIMITED • TORANAGALLU-583275

JSW STEEL LIMITED • TORANAGALLU-583275 •

JSW STEEL LIMITED • TORANAGALLU-583275 •