

Your (**Environment Clearance**) application has been **Submitted** with following details

Proposal No	IA/KA/IND/255323/2022
Compliance ID	27325239
Compliance Number(For Tracking)	EC/M/COMPLIANCE/27325239/2024
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	17-05-2024
IRO Name	V Geroge Jenner
IRO Email	tr025@ifs.nic.in
State	KARNATAKA
IRO Office Address	Integrated Regional Offices, Bengaluru

Note:- SMS and E-Mail has been sent to V Geroge Jenner, KARNATAKA with Notification to Project Proponent.

The Sandur Manganese & Iron Ores Limited

(An ISO 9001:2015; ISO 14001:2015 and 45001:2018 certified company)
CIN: L85110KA1954PLC000759; Website: www.sandurgroup.com

REGISTERED OFFICE

'SATYALAYA', No.266
Ward No.1, Palace Road
Sandur - 583 119, Ballari District
Karnataka, India
Tel: +91 8395 260301/ 283173-199
Fax: +91 8395 260473



CORPORATE OFFICE

'SANDUR HOUSE', No.9
Bellary Road, Sadashivanagar
Bengaluru - 560 080
Karnataka, India
Tel: +91 80 4152 0176 - 79 / 4547 3000
Fax: +91 80 4152 0182

Ref No: SMIORE/PLANT/ENV/EC/2024 -25/ 26

17th May 2024

To,
The Regional Office,
Ministry of Environment, Forest and Climate Change,
Kendriya Sadan, 4th Floor, E & F wing,
17th Main Road, Koramangala II Block,
Bengaluru 560034

Sub: Submission of six-monthly report on the compliance status of the stipulated environmental conditions as per EC Identification No. EC22A008KA143818 dated 30/03/2022 for the period **October-2023 to March-2024**.

Ref: EC Identification No. EC22A008KA143818 dated 30/03/2022.

Dear Sir,

With reference to the subject cited above, please find here with Compliance Report for Environment Clearance of M/s The Sandur Manganese & Iron Ores Limited, Vyasankere, Hanumanahalli Post, 583222, Hosapete Taluk, Vijayanagara District. for the Period **October-2023 to March-2024** for your kind perusal.

And The Copy of compliance report is being sent in soft format through email (rosz.bng-mefcc@gov.in) for your kind perusal. And EC compliance report has been uploaded on the Parivesh-Portal.

This is for your kind information please.

Kindly acknowledge the receipt of the same.

Thanking you,
For The Sandur Manganese & Iron Ores Limited,


Parvatareddy Patil
Senior General Manager-Plant



Encl: EC compliance report for the Period October-2023 to March-2024.

MINES OFFICE: Deogiri - 583112, Sandur Taluk, Ballari District
Tel: +91 8395 271025 / 28 / 29 / 40; Fax: +91 8395 271066

PLANT OFFICE: Metal & Ferroalloy Plant, Vyasankere, Mariyammanahalli - 583 222, Hosapete Taluk, Vijayanagara District
Tel: +91 8394 244450 / 244335



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October -2023 to March-2024

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
A.	Specific conditions	
i.	<p>Three tier Green Belt shall be developed in a time frame of one year covering 33% of total area with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF &CC.</p>	<p>Partially complied/In progress. Three-tier green belt is being developed by planting native species all along the periphery of the project site to cover 33% of the total project area within the given time period.</p> <p>To date, 50,243 saplings have been planted, covering approximately 20 ha of the green belt area. The remaining green belt development is being carried out simultaneously with project construction activities.</p> <p>Precautions are taken to maintain the adequate width and the prescribed tree density of 2500 trees/ha during plantation. The survival rate of the green belt plantation will be monitored periodically, and damaged plants will be replaced in subsequent years. Compliance status will be submitted to concerned Integrated Regional Office of the MoEF & CC.</p>
ii.	<p>All the observations stated in the certified compliance report of RO dated 11/01/2022 shall be complied with by 31/12/2022 as committed. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC</p>	<p>Partially complied/In progress. As committed, all the observations stated in the Certified Compliance Report (CCR) will be complied within the stipulated period. Compliance status will be submitted to concerned Regional Office of the MoEF & CC.</p>
iii.	<p>Water requirement of 8,686 m3/day will be met from Tungabhadra River after prior approval of the Competent Authority. No ground water abstraction is permitted.</p>	<p>Complied. The water requirement will be met from Tungabhadra River. Permission from Government of Karnataka was secured for drawing 4 Cusecs of water vide GOK order No WRD/42/MTP/2020 dated 25-03-2021. Thereafter, the above order was amended to provide water from Raya Basavana Canal vide GOK No WRD/69/MTP/2022 dated 13-07-2022. No Ground water abstraction is being done.</p>

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iv.	Particulate matter emission from all the stacks shall not exceed 30 mg/Nm ³ .	Noted and agreed. Suitable pollution control equipment will be installed in the proposed project to maintain Particulate Matter (PM) emission levels below 30 Mg/Nm ³ .
v.	100 % solid waste generated in the facility shall be utilized.	Complied. Currently, solid waste generated at the plant is sold to end users and recyclers, who in-turn utilise solid waste for land fillings and road making. Solid waste generated after commissioning of the proposed project will also be sold to end users/recyclers and appropriate agreements will be established.
vi.	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.	Partially complied. Coal stockyard in the coke oven plant has impervious flooring and water sprinklers for dust suppression. For the other stockyards, impervious flooring will be made on a priority basis and water sprinklers will be installed for dust suppression. Garland drain work is in progress all along the stockyards for trapping of run-off material.
vii.	Following additional arrangements to control fugitive dust shall be provided:	
a.	Fog/ Mist Sprinklers at all conveyor points and on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.	Partially complied. Fog/ Mist sprinklers are considered while designing the conveyor belt and the same will be implemented at the proposed project. Sprinklers are provided at bulk raw material storage area (at the transfer points) like Iron Ore, Coal, Fly Ash and similar solid waste storage areas.

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b.	Proper covered vehicle shall be used while transport of materials.	Complied and maintained. Vehicles engaged in the material transportation are strictly following this norm.
c.	Wheel Washing mechanism shall be provided in entry and exit gates.	Complied. Wheel washing system is already provided.
viii.	Performance monitoring of all Pollution Control Devices shall be carried out annually and report submitted to MoEF &CC, Regional Office.	Noted & Complied. For existing units, FY 2023-24 Performance monitoring of all Pollution Control Devices report is submitted to MoEF & CC, Regional Office Bengaluru, Ref No; SMIORE/PLANT/ENV/EC/2024-25/18 Dated 09.05.2024
ix.	Fourth hole extraction system shall be provided in the Submerged Arc Furnaces.	Complied. Fourth hole extraction system is provided in the submerged Arc Furnaces to limit the particulate matter emissions from Arc Furnace.
x.	Sinter Plant	
	Sinter cooler waste recovery system shall be installed to generate process steam or power.	Noted, the project is yet to be implemented. We have initiated discussion with technology suppliers to explore the suitability of implementing a sinter cooler waste recovery system.
	Equipped with MEROS technology to reduce emission of SO ₂ , NO _x and heavy metals.	Noted, the project is yet to be implemented. We have initiated discussion with technology supplier to explore the possibility of implementing MEROS technology in sinter plant.

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Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
xi.	Coke oven plant shall be equipped with modified wet quenching system.	Complied. Modified wet quenching facility was commissioned in coke oven plant and currently in operation.
xii.	Blast Furnaces shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.	Noted, the project is yet to be implemented. It will be ensured that the blast furnaces are equipped with top recovery turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility during the project implementation phase.
xiii.	Ductile Iron (DI) plant shall have the following provisions:	
a	Bag filter for Zn coating and Mg converter area.	Noted, the project is yet to be implemented. Provision is made to install bag filters for Zn coating and Mg converter area during implementation phase.
b	Wet scrubbers in paint and bitumen coating area.	Noted, the project is yet to be implemented. Wet scrubbers will be installed in paint and bitumen coating area during project implementation.
c	Bag Filter in Cement lining area.	Noted, the project is yet to be implemented. Bag filters will be installed in cement lining area.
d	PTFE dipped bags shall be used in the plant.	Noted, the project is yet to be implemented. Project has considered using PTFE dipped bags in the plant.
e	PM emissions from BF in Zinc coating area shall be 5 mg/Nm ³ .	Noted and agreed. PM emissions from Blast Furnace (BF) in Zinc coating area will be maintained within the stipulated limit of 5 mg/Nm ³ by installing suitable PM emission control devices





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f	ETP with recycling facility shall be included.	Noted, the project is yet to be implemented Suitable ETP with recycling facility will be installed at Ductile Iron (DI) plant, before the commencement of operation as per requirement.
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.	Complied. The conditions as per Environment Clearance (EC) obtained under the provisions of the EIA notification, 2006, and all other applicable Acts/ Rules/ Legislations are consulted and required permissions, approvals, standards have been obtained, adhered, and maintained.
II.	Air quality monitoring and preservation	
i.	The project proponent shall install 24x7 Continuous Emission Monitoring System (CEMS) at process stacks to monitor stack emission as well as 04 Nos. Continuous Ambient Air Quality Monitoring Station (CAAQMS) 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.	Partially Complied. The Company has installed Continuous Emission Monitoring Systems (CEMS) at process stacks of Coke Oven Plant to monitor stack emission. One Continuous Ambient Air Quality Monitoring Station (CAAQMS) has been installed for monitoring Ambient Air Quality (AAQ) parameters with respect to standards prescribed in Environment (Protection) Rules 1986 and its subsequent amendments. The project construction and the installation of the remaining CAAQM stations will be conducted concurrently.

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		All the existing CEMS and CAAQMS are connected to online servers of KSPCB and CPCB. Periodic calibration of these instruments/ equipment is being done in house, as per Original Equipment Manufacturer (OEM) specifications. The Company will install rest of the CAAQM before the commencement of project operations. Calibration of CEMS and CAAQMS systems will be done according to OEM specifications through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied. A laboratory recognised under section 12(1) B of the Environment (Protection) Act, 1986 is already engaged for monitoring fugitive emissions, once in every quarter.
iii.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Complied. For manual monitoring of emissions, sampling facility / port holes are provided at the process stacks and at quenching towers, as per CPCB guidelines
iv.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Complied. Appropriate Air Pollution Control (APC) systems are provided for all the dust generating points including fugitive dust from all vulnerable sources. Stack emission and fugitive emissions confirms the prescribed standards of the Board, for the reporting period.
v.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Complied. Leakage detection and mechanized bag cleaning facilities were installed for better maintenance of bags.

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vi.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Noted and agreed. Adequate number of mobile / stationery vacuum cleaners will be deployed to clean plant roads, shop floors, roofs, etc., for regular cleaning and dust evacuation.
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 collected from the pollution control devices and vacuum cleaning devices are being reused in sinter making. For ensuring this, suitable briquetting / agglomeration facilities are installed in the existing plant. Agglomeration facilities will be installed in the proposed plant to ensure collection, recycle and reuse of iron ore, coal and coke fines.
viii.	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Complied. Leak proof trucks/dumpers are deployed for carrying coal and other raw material. All trucks/dumpers that are transporting raw material are compulsorily covered with tarpaulin sheets to avoid spillage and secondary dust emissions.
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).	Noted. The spillages will be collected manually and suitable devices/ facilities for spillage collection such as land based industrial vacuum cleaners will be provided for coal and coke on wharf of coke oven batteries.
x.	Land-based APC system shall be installed to control coke pushing emissions.	Complied. Suitable land-based APC systems are installed at coke oven plant to control coke pushing emissions.
xi.	Monitor CO, HC and O ₂ in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Complied. Regular monitoring of CO, HC and O ₂ in flue gases of the coke oven battery is being done to detect combustion efficiency and cross leakages in the combustion chamber if any.

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xii.	Vapour absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.	Not Applicable. This condition is not applicable to the project as it has a non-recovery type of coke oven system.
xiii.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Complied. Raw material is stocked in a closed shed and sprinklers are installed for water sprinkling to avoid secondary dust emissions.
xiv.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Complied. Ventilation systems are designed to facilitate adequate air changes as per the prevailing norms for all existing and proposed tunnels, motor houses, oil cellars, etc.
III Water quality monitoring and preservation		
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 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 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Noted and Agreed. Installation of Continuous Effluent Monitoring System will be initiated after commissioning of the Effluent Treatment Plant. The Continuous Effluent Monitoring System will be connected to SPCB and CPCB online servers and calibration of these systems will be carried out from time to time according as per equipment supplier specifications, through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
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.	Complied. The ground water quality is monitored regularly as per guidelines and reports are being submitted to KSPCB.

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Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Complied. A 50 KLD Sewage Treatment Plant (STP) featuring state-of-the-art MBBR technology has been installed and is awaiting Consent for Operation from the Karnataka State Pollution Control Board (KSPCB). The STP is designed to meet the standards outlined in GSR 1265 (E) and complies with NGT orders concerning STP treated water quality .
iv.	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.	Noted and agreed. Garland drains and collection pits will be provided for each stock pile to arrest surface run off in the event of heavy rains to reduce the likely water pollution.
v.	Tyre washing facilities shall be provided at the exit and entrance of the plant gates.	Complied. Tyre washing facilities have been installed and are operational at the exit and entrance of the plant gates.
vi.	Water meters shall be provided at the inlet to all unit processes in the steel plants.	Complied. Water flow meters have already been installed for the existing units, and water meters will be fixed at the inlet to all process units of the proposed project before the commencement of operations.
IV.	Noise monitoring and prevention	
i.	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 ambient noise level is being monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000. Along with the six monthly EC compliance reports, noise monitoring reports are submitted to the Integrated Regional Office of MOEFF & CC. Reports are attached as an Annexure -I

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Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
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.	Noted, the project is yet to be implemented. The proposed project will install torpedo ladle for transfer of hot molten metal, wherever possible. If for any technical reasons, torpedo ladles are not used, provision will be made to cover the open top ladles.
ii.	Restrict Gas flaring to < 1%.	Noted, the project is yet to be implemented. The proposed project will strive to restrict gas flaring below 1%.
iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Partially complied. Solar street lights have been installed at the project site and discussions are in progress with suppliers for the installation of solar rooftops wherever feasible, and for installation of solar lighting systems for all common areas, street lights, parking etc.
iv.	Provide LED lights in their offices and residential areas.	Complied. Majority of the illumination lights have been converted to LED lights in the plant and work is in progress for rest of the areas. In addition, awareness has been created among employees to use LED lights at their residences.
v.	Ensure installation of regenerative/recuperative type burners on all reheating furnaces.	Partially complied. Initiative has been taken to incorporate the installation of regenerative/recuperative type burners on all reheating furnaces in project as per requirement.
VI.	Waste management	

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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. Suitable oil trays and oil pits have been provided for collecting spilled oil. The collected spilled oil is being reused or sold to authorised recyclers.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Complied. The kitchen waste is being composted and used as manure in the nursery.
VII. Green Belt		
i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	Complied.
ii.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.	Complied: The time bound action plan / roadmap has been prepared having yearly targets for assessing its effectiveness in the given time frame.
VIII. Public hearing and human health issues		
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Partially complied as the proposed project is yet to be implemented. Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan for the existing plant is in place. For the proposed project units, the





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		required HIRA and Disaster Management Plan will be formulated before its commissioning.
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.	Noted & agreed. The project activities are currently in the implementation stage. After completion of project implementation, suggested study will be carried out for heat stress analysis for the workmen who work in high temperature work zone.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Complied. Health check-up of employees is undertaken regularly, and records are maintained as per guidelines.
IX.	Environment Management	
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. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	Partially complied. The formulation of CER budget is underway. For this, consultations are being made with nearby village panchayats and with district administration for arriving at budget components and outlay for the shortlisted developmental activities.

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ii.	<p>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 any 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 shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.</p>	<p>Complied. Company has a well laid down environmental policy, duly approved by the Managing Director.</p> <p>The policy prescribe standard operating procedures that offer proper checks and balances to identify any infringements/ deviation/ violation of the environmental / forest / wildlife norms / conditions. The company has a defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms/ conditions to the top management and the shareholders / stakeholders.</p> <p>The copy of the board resolution will be submitted to the MOEF&CC as a part of 6-monthly compliance.</p>
iii.	<p>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 report to the head of the organization.</p>	<p>Complied. A separate Environment Cell, both at the project site and company head quarter has been established and works directly under the control of senior management as well as to the head of the organization.</p>
X.	Miscellaneous	
i.	<p>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.</p>	<p>Complied. A copy of the Environmental Clearance (EC) was advertised in local newspapers such as Sanje Vani, Indian Express, Deccan Herald in English language and Prajavani in the vernacular language i.e. Kannada on 06/04/2022 and 07/04/2022. In accordance with the EC condition, the copy of EC has been uploaded in the company website on a permanent basis in the following link. https://www.sandurgroup.com/doc/Sandur-EC-granted-30-03-2022.pdf</p>

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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. The copy of EC has been submitted to heads of local bodies like District Collector, Vijayanagara District, Assistant Commissioner, Hosapete, Tehsildar Hosapete, Panchayat Development Officer of Danapur Panchyat for display purpose.
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. The compliance of the stipulated environment clearance conditions, including results of monitored data will be posted on company website and same will be updated on half-yearly basis
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. The level of pollutants like PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project are monitored and displayed at main entrance gate for public viewing. Six-monthly compliance report along with the monitored data will be uploaded on the website.
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. Six Monthly compliance report of stipulated environmental conditions will be uploaded on the website of the Ministry of Environment, Forest, and Climate Change (MoEF&CC) at Environment clearance portal – Parivesh.
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. As prescribed under the Environment (Protection) Rules, 1986, environmental statement for each financial year in Form-V of the existing operations is regularly being submitted to Karnataka State Pollution Control Board (KSPCB) and uploaded on the company website. Same practice will be continued even after commissioning of the proposed project operations.

[Handwritten Signature]





The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October -2023 to March-2024

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
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. Integrated Regional Office as well as MOEF&CC will be informed about the date of financial closure and final approval of the project, by the concerned authorities, date of commencement of land development and production operations.
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 during their presentation to the Expert Appraisal Committee.	Agreed to abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and during our presentation to the Expert Appraisal Committee.
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 (MoEF&CC).	Noted. All further expansions and modifications in the plant (Other than approved) will be taken up on need basis with the prior approval from the Ministry of Environment, Forests and Climate Change (MoEF&CC).
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 and agreed.
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
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 and agreed.
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the	Noted and agree to extend full cooperation to the officer (s) of the Regional Office of Ministry by furnishing requisite data / information/

Aspate





The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October -2023 to March-2024

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
	Regional Office by furnishing the requisite data / information/monitoring reports.	monitoring reports as a part of compliance monitoring process.
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.

Prapal





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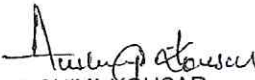


TEST REPORT

Table No. 5

AMBIENT NOISE LEVEL DATA

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd. (Metal & Ferro Alloys Plant), Vysanakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist ,																			
Particulars of Sample Collected : Ambient Noise Level collected through Sound Level Meter (HTC SL-1352 Data Logger)																			
Sample Collected by : Mineral Engineering Services																			
Date of sample collection : 09.10.2023																			
Date of sample receipt : 11.10.2023																			
Issue Date : 03.11.2023																			
Sampling & Test Method : IS:9989																			
Code No.	Monitoring stations	Day (06.00 Am to 10.00 Pm)			Night (10.00 Pm to 06.00 Am)														
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}												
Core zone																			
N1	Near Existing AAQMS 01 (SMIORE Schools)	42.0	54.2	63.2	34.0	41.6	46.0												
N2	Existing Water Reservoir (Near WTP Plant)	38.0	48.4	55.7	35.3	43.6	47.3												
Buffer zone																			
N3	Galemmanagudi	39.0	51.4	58.0	34.6	42.2	46.5												
N4	Vysanakere Village	38.0	49.5	56.4	34.0	43.8	47.0												
N5	Hanumanhalli	38.6	51.4	56.8	35.3	42.7	48.2												
<p align="center">Permissible Limits of Ambient Noise Levels as per CPCB Guidelines</p> <p align="center">Leq. Limit dB(A)</p> <table border="1"> <thead> <tr> <th></th> <th>Day</th> <th>Night</th> </tr> </thead> <tbody> <tr> <td>Industrial areas</td> <td>75</td> <td>70</td> </tr> <tr> <td>Commercial area</td> <td>65</td> <td>55</td> </tr> <tr> <td>Residential area</td> <td>55</td> <td>45</td> </tr> </tbody> </table>									Day	Night	Industrial areas	75	70	Commercial area	65	55	Residential area	55	45
	Day	Night																	
Industrial areas	75	70																	
Commercial area	65	55																	
Residential area	55	45																	


 ARSHIYA KOUSAR
 Dy. T.M. - Chemical

Govt. Analyst / Authorised Signatory

948, 2nd Cross, St. Thomas Town Post, Kammanahalli, Bangalore - 560 084.
 Phone : 080-25432969 Tel/fax : 25432968. E-mail : mesbng@gmail.com, www.envtest.in

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TEST REPORT

AMBIENT NOISE LEVEL DATA

Table No. 5

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd.
(Metal & Ferro Alloys Plant),
Vysanakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist,

Particulars of Sample Collected : Ambient Noise Level collected through Sound
Level Meter (HTC SL-1352 Data Logger)

Sample Collected by : Mineral Engineering Services

Date of sample collection : 21.11.2023

Date of sample receipt : 22.11.2023

Issue Date : 02.12.2023

Sampling & Test Method : IS:9989

Code No.	Monitoring stations	Day (06.00 Am to 10.00 Pm)			Night (10.00 Pm to 06.00 Am)		
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
		Core zone					
N1	Near Existing AAQMS 01 (SMIORE Schools)	42.8	54.5	63.0	34.0	42.0	46.0
N2	Existing Water Reservoir (Near WTP Plant)	41.0	50.0	58.3	37.3	43.7	45.3
Buffer zone							
N3	Galemmanagudi	39.5	50.0	56.7	34.6	42.2	46.5
N4	Vysanakere Village	38.0	50.1	55.8	34.0	44.3	48.3
N5	Hanumanhalli	36.5	50.0	55.0	35.3	42.6	48.0

Permissible Limits of Ambient Noise Levels as per CPCB Guidelines

	Leq. Limit dB(A)	
	Day	Night
Industrial areas	75	70
Commercial area	65	55
Residential area	55	45

M. Sachin Das

Govt. Analyst / Authorised Signatory

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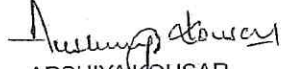


TEST REPORT

Table No. 19

AMBIENT NOISE LEVEL DATA

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd. (Metal & Ferro Alloys Plant), Vysanakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist ,							
Particulars of Sample Collected : Ambient Noise Level collected through Sound Level Meter (HTC SL-1352 Data Logger)							
Sample Collected by : Environmental Laboratory Representative							
Date of sample collection : 15.12.2023							
Date of sample receipt : 16.12.2023							
Issue Date : 02.01.2024							
Sampling & Test Method : IS:9989							
Code No.	Monitoring stations	Day			Night		
		(06.00 Am to 10.00 Pm)			(10.00 Pm to 06.00 Am)		
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
Core zone							
N1	Near Existing AAQMS 01 (SMIORE Schools)	42.0	52.4	61.0	34.0	42.1	47.3
N2	Existing Water Reservoir (Near WTP Plant)	40.0	51.2	58.1	35.3	43.9	48.3
Buffer zone							
N3	Galemmanagudi	39.0	50.9	56.8	34.6	41.5	45.0
N4	Vysanakere Village	40.8	49.3	55.8	34.0	43.8	46.0
N5	Hanumanahalli	38.0	49.7	54.0	36.0	43.4	47.0
<u>Permissible Limits of Ambient Noise Levels as per CPCB Guidelines</u>							
Leq. Limit dB(A)							
Day Night							
Industrial areas				75		70	
Commercial area				65		55	
Residential area				55		45	


 ARSHIYAKOUSAR
 Dy. T.M. - Chemical
 Govt. Analyst / Authorised Signatory

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TEST REPORT

Table No. 11

AMBIENT NOISE LEVEL DATA

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd.
(Metal & Ferro Alloys Plant),
Vysanakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist ,

Particulars of Sample Collected : Ambient Noise Level collected through Sound
Level Meter (HTC SL-1352 Data Logger)

Sample Collected by : Environmental Laboratory Representative

Date of sample collection : 16.01.2024

Date of sample receipt : 17.01.2024

Issue Date : 01.02.2024

Sampling & Test Method : IS:9989

Code No.	Monitoring stations	Day (06.00 Am to 10.00 Pm)			Night (10.00 Pm to 06.00 Am)		
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
		Core zone					
N1	Near Existing AAQMS 01 (SMIORE Schools)	40.0	51.4	59.6	35.2	43.0	49.5
N2	Existing Water Reservoir (Near WTP Plant)	37.0	53.7	60.3	34.8	43.1	47.6
Buffer zone							
N3	Galemmanagudi	37.3	50.7	58.0	34.0	43.0	48.3
N4	Vysanakere Village	39.3	50.9	57.2	34.0	44.6	46.8
N5	Hanumanhalli	37.5	50.9	56.8	36.0	43.7	48.1

Permissible Limits of Ambient Noise Levels as per CPCB Guidelines

Leq. Limit dB(A)

	Day	Night
Industrial areas	75	70
Commercial area	65	55
Residential area	55	45

Arshiya Kousar
ARSHIYA KOUSAR
Dy. T.M. - Chemical

Govt. Analyst / Authorised Signatory

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TEST REPORT

Table No. 11

AMBIENT NOISE LEVEL DATA

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd., (Metal & Ferro Alloys Plant), Vyasnakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist ,																			
Particulars of Sample Collected : Ambient Noise Level collected through Sound Level Meter (HTC SL-1352 Data Logger)																			
Sample Collected by : Environmental Laboratory Representative																			
Date of sample collection : 17.02.2024																			
Date of sample receipt : 19.02.2024																			
Issue Date : 01.03.2024																			
Sampling & Test Method : IS:9989																			
Code No.	Monitoring stations	Day			Night														
		(06.00 Am to 10.00 Pm)			(10.00 Pm to 06.00 Am)														
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}												
Core zone																			
N1	Near Existing AAQMS 01 (SMIORE Schools)	38.0	49.5	56.3	35.2	41.9	46.5												
N2	Existing Water Reservoir (Near WTP Plant)	40.0	54.2	63.2	35.3	43.3	48.2												
Buffer zone																			
N3	Galemmanagudi	39.0	51.3	59.0	34.0	42.8	47.6												
N4	Vysanakere Village	36.0	50.5	56.8	35.0	43.7	46.8												
N5	Hanumanhalli	37.5	53.9	61.0	36.0	44.3	49.2												
<p align="center">Permissible Limits of Ambient Noise Levels as per CPCB Guidelines</p> <p align="center">Leq. Limit dB(A)</p> <table border="1"> <thead> <tr> <th></th> <th>Day</th> <th>Night</th> </tr> </thead> <tbody> <tr> <td>Industrial areas</td> <td>75</td> <td>70</td> </tr> <tr> <td>Commercial area</td> <td>65</td> <td>55</td> </tr> <tr> <td>Residential area</td> <td>55</td> <td>45</td> </tr> </tbody> </table>									Day	Night	Industrial areas	75	70	Commercial area	65	55	Residential area	55	45
	Day	Night																	
Industrial areas	75	70																	
Commercial area	65	55																	
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						 ARSHIYA KOUSAR Dy. T.M. - Chemical													

Govt. Analyst / Authorised Signatory

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TEST REPORT

Format No. : 10/Rev 06



AMBIENT NOISE LEVEL DATA

Table No. 19

Name and Address of the Industry : Ms. The Sandur Manganese & Iron Ores Ltd.
(Metal & Ferro Alloys Plant),
Vysanakere, Hanumanahalli Village, Hospet Taluk, Ballari Dist ,

Particulars of Sample Collected : Ambient Noise Level collected through Sound
Level Meter (HTC SL-1352 Data Logger)

Sample Collected by : Environmental Laboratory Representative

Date of sample collection : 18.03.2024

Date of sample receipt : 20.03.2024

Issue Date : 01.04.2024

Sampling & Test Method : IS:9989

Code No.	Monitoring stations	Day			Night		
		(06.00 Am to 10.00 Pm)			(10.00 Pm to 06.00 Am)		
		L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
Core zone							
N1	Near Existing AAQMS 01 (SMIORE Schools)	41.0	51.7	60.0	34.0	42.5	48.3
N2	Existing Water Reservoir (Near WTP Plant)	42.5	55.1	62.8	34.8	44.7	49.5
Buffer zone							
N3	Galemmanagudi	37.0	50.7	58.2	34.6	42.6	46.8
N4	Vysanakere Village	41.0	51.4	57.3	34.0	44.6	49.2
N5	Hanumanhalli	38.0	52.4	60.0	36.0	43.7	48.2

Permissible Limits of Ambient Noise Levels as per CPCB Guidelines

Leq. Limit dB(A)

	Day	Night
Industrial areas	75	70
Commercial area	65	55
Residential area	55	45

M.SACHIN RAJU
T.M. - Chemical

Govt. Analyst / Authorised Signatory

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