

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

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CORPORATE OFFICE

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Ref No: SMIORE/PLANT/ENV/EC/2023-24/ 69

Date: 20th May 2023

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-2022 to March-2023**.

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

Dear Sir,

This has reference to the captioned subject and references. It is to be informed that we are herewith submitting six monthly Compliance reports for the conditions stipulated in the Environment Clearance for the period form **October-2022 to March-2023**.

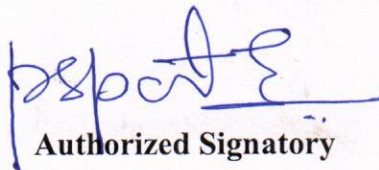
The Copy of compliance report is being sent in soft format through email (rosz.bng-mefcc@gov.in) for your kind perusal. And EC compliance report has been uploaded on the Parivesh-Portal.

This is for your kind information please.

Kindly acknowledge the receipt of the same.

Thanking you,

The Sandur Manganese & Iron Ores Limited,


Authorized Signatory

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, Ballari District
Tel: +91 8394 244450 / 244335



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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>Around 16 Ha of the green belt have been developed as of currently, and the remaining green belt development is being done simultaneously with project construction activities.</p> <p>Precaution is taken to maintain adequate width and the prescribed tree density of 2500/ha during plantation. Survival rate of the green belt plantation will be monitored periodically and will ensure to replace damaged plants in the subsequent years. Compliance status will be submitted to concerned 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) of RO dated 11/01/2022 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 done.</p>



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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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 the proposed project will also be made available to end users/recyclers and for this, necessary agreements will be made.
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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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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.	Complied. For existing units, FY 22-23 Performance monitoring of all Pollution Control Devices report is submitted to MoEF &CC, Regional Office Bengaluru, Ref No ; SMIORE/PLANT/ENV/EC/2023-24-64 Dated 14.04.2023
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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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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



The Sandur Manganese & Iron Ores Limited

**ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023**

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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f	ETP with recycling facility shall be included.	Noted and agreed. 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	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 Sandur Manganese & Iron Ores Limited

**ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023**

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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	supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<p>The Parallel project construction, the installation of the remaining equipment has been continued.</p> <p>All the existing CEMS and CAAQMS are connected to online servers of KSPCB and CPCB.</p> <p>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.</p> <p>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.</p>
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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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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.
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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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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.
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.



The Sandur Manganese & Iron Ores Limited

**ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023**

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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.
iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	In progress. Installation of 1x 50 KLD capacity, Moving Bed Biofilm Reactor (MBBR) based Sewage Treatment Plant (STP) is in progress and expected to be operational by October 2023. The above STP is designed to meet all the prescribed standards of the Board.
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 were installed 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: Already water flow meters have been installed for the existing units. Water meters will be fixed at the inlet to all processes units of the proposed project before the commencement of operations.
IV.	Noise monitoring and prevention	



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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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 too are submitted to the Regional Office of MOEFF & CC. Reports are attached as an annexure -I
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. Few Solar Street Lights installed at 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.



The Sandur Manganese & Iron Ores Limited

**ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023**

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
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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	
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. The extra kitchen waste is given to biogas units and end users in the surrounding villages.
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.	Partially complied. Order has been placed and study is in progress by competent agency for the existing plant.
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.	Noted. Once the proposed GHG inventory study is over, strategy will be developed for decarbonisation of industrial emissions. This time bound action plan / roadmap will have yearly targets for assessing its effectiveness in the given time frame.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
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 required HIRA and Disaster Management Plan will be formulate 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 compilation of project implementation As 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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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ii.	<p>The company shall have a well laid down environmental policy duly approved 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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October 2022 to March 2023

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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, Tahasildar 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, SO ₂ , NO _x (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, SO ₂ , NO _x (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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

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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. 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.



The Sandur Manganese & Iron Ores Limited

ENVIRONMENTAL CLEARANCE COMPLIANCE STATUS REPORT
October 2022 to March 2023

EC IDENTIFICATION NO EC22A008KA143818 dated 30.03.2022		
Sr. No.	EC CONDITIONS	STATUS OF COMPLIANCE
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 Regional Office by furnishing the requisite data / information/monitoring reports.	Noted and agree to extend full cooperation to the officer (s) of the Regional Office of Ministry by furnishing requisite data / information/ 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.



MSV Analytical Laboratories

Annexure -I



Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)
C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com

MSVAL/A/F/17/04

AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No : TC720722000019607F

Report Issued Date : 21.10.2022

- Name of the industry : M/s. The Sandur Manganese & Iron Ores Ltd.
(Metal & Ferro Alloys Plant)
Vysanakere, Hanumanahalli Village, Hospet Taluk,
Bellary District, Karnataka.
- Sample Collected By : MSV Analytical Laboratories, Bellary
- Date of Monitoring : 15.10.2022
- Report Date : 21.10.2022
- Particulars of Sample Collected : Noise meter
- Method Adopted : IS 9989

S.No	Sample Location	Time Frequency	Day Time Results			Permissible limits in dB(A) Leq
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	
1	Smiore Colony	09.00 am to 10.00 am	46.7	43.0	44.8	55
2	Kallahalli Village	11.10 am to 12.10pm	50.4	46.2	48.3	
3	Vysanakere Village	01.30 pm to 02.30pm	50.1	45.3	47.7	
4	Gunda Village	02.00 pm to 3.00 pm	52.6	47.6	50.1	
5	Hanumanahalli (V)	03.10 pm to 04.10pm	47.4	42.8	45.1	
6	Venkatagiri Village	04.30 pm to 05.30pm	48.9	44.7	46.8	
7	Ramgad Village	05.30 pm to 05.30pm	43.2	41.0	42.1	
8	Rajapur Village	06.30 pm to 06.30pm	49.8	46.2	48.5	

INFERENCE

As per CPCB Standards,
Report Status :- In the all locations Noise level is within the limits

Verified by



Authorized Signature

Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.
5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL

(Certified by ISO-14001-2015, ISO 22000-2018, ISO 45001-2018, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



MSVAL/A/F/17/04

FUGITIVE NOISE LEVEL MONITORING REPORT

Test Report No : TC720722000019603F

Report Issued Date : 21.10.2022

1. Name of the industry : M/s. The Sandur Manganese & Iron Ores Ltd.
(Metal & Ferro Alloys Plant)
Vyasnakere, Hanumanahalli Village, Hospet Taluk,
Bellary District, Karnataka.
2. Sample Collected By : MSV Analytical Laboratories, Bellary
3. Date of Monitoring : 15.10.2022
4. Report Date : 21.10.2022
5. Particulars of Sample Collected : Noise meter
6. Method Adopted : IS 9989

S.No	Sample Location	Time Frequency	Day Time Results			Permissible limits in dB(A) Leq
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	
1	Near Coal Crusher Area	09.00 am to 10.00 am	70.2	67.5	68.5	85
2	Coke Cutting Area	11.10 am to 12.10pm	69.8	66.8	67.5	
3	Coke Screening Area	01.30 pm to 02.30pm	72.5	68.5	70.2	
4	WHRB-1 Area	02.00 pm to 3.00 pm	68.5	65.9	66.5	
5	ARC Furnace Area	03.10 pm to 04.10pm	69.2	64.5	66.5	
6	Power Plante Area	04.30 pm to 05.30pm	71.5	70.5	70.5	
7	Coal Shed Area	05.30 pm to 05.30pm	67.8	64.5	65.5	
8	Coke Oven Area	06.30 pm to 06.30pm	73.6	69.5	71.5	

INFERENCE

As per CPCB Standards,
Report Status :- In the all locations Noise level is within the limits

Verified by



Authorized Signature

- Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
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