

The Sandur Manganese & Iron Ores Limited

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(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

No: SMIORE/MN/140825/2678/SET -

14 August 2025

The Environmental Officer,
Karnataka State Pollution Control Board,
Ward No.25, 4th Main Road,
Kuvempu Nagar,
Ballari - 583104

Dear Sir,

Sub: Submission of environmental statement Form-V for the year 2024-25 in respect of Mining Lease No. 2678.

Ref: 1. Consent for Operation No. AW-341719 dated 02 February 2024.
2. Consent for Operation No. AW-345054 dated 18 September 2024.

We are submitting copy of environmental statement Form-V for the year 2024-25 filed in XGN Portal of the Karnataka State Pollution Control Board on 13.08.2025 as per the Rule 14 of the Environment (Protection) Rules, 1986, in respect of Mining Lease No. 2678 of The Sandur Manganese & Iron Ores Limited. There are some system generated errors which is noticed when the report which is downloaded and printed which are as follows

- 1) Particulars of Part-C has been filled, and the particulars are not appearing in the downloaded and printed version.
- 2) In Part-D, the particulars which has been filled under Schedule, Total Quantity in Kg during the previous Fy and During the current FY has automatically changed even though it was filed correctly.

These system generated errors we would like to bring to your notice and submit the Copy of Form V filed on XGN Portal. It is also to mention that we have Manual form of Form-V is also submitted on 14 August 2025 for records.

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

Thank you,
for The Sandur Manganese & Iron Ores Limited,



Krishna Reddy
Vice President – Mining Operations



Encl: Environmental Statement Form-V

Environmental Statement Form-V**(See Rule 14)****Environmental Statement for the financial year ending with 31st March : 2024-25****PART-A****Name & Address of the owner / Occupier of the industry Operation or Process**

Name of the Organization : The Sandur Manganese & Iron Ores Ltd

Name of the the Owner : KRISHNA REDDY M, AGENT AND VICE PRESIDENT MINING O

Correspondance Address : Sandur Tq & Ballari Dt.

Location Address :

Industry Category : Red

Industry Sector : Mining and ore beneficiation

Primary (STC Code) : 9480815519 Secondary (STC Code) :

Production Capacity in Units : 4360000.000 - MTA

Year of Establishment : 18-01-1954

Date of the last Environmental Statement submitted : 10-07-2024

PART-B**Water & Raw Material Consumption**

Water Consumption	Water consumption (m3/d)	Waste water generation (m3/d)
Domestic	114.000	96.900
Process	305.000	0.000

Process water consumption per unit of Products

Sl.No.	Product Name	Unit	Applied Quantity as Per CFO	Process water consumption per unit of products	
				During the previous Financial year	During the current Financial year
1	IRON ORE AND MANGANESE ORE	MILLION TONNES	4.360	0.078	0.084

Raw Material Details

Sl.No.	Raw Materials Name	Unit	Applied Quantity as Per CFO	Consumption of raw material per unit of output	
				During the previous Financial year	During the current Financial year
1	NIL	NIL	0.000	0	0

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PART-C**Pollution discharged to Environment /unit of Output**

(Parameter as specified in the consent issued)

Pollutants	pollutants 1	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons

PART-D**Hazardous Wastes**

(as specified under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016)

Hazardous Wastes	Category	Schedule	Total Quantity(Kg)	
			During the previous financial year	During the current financial year
From Process	5.1	1398	2704.000	2600.000

From Process	5.2	49	46.000	40.000
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PART-E

Solid Wastes

Solid Wastes	Sub Pollutant	Total Quantity(Kg)	
		During the previous financial year	During the Current financial year
From Process	Solid Overburden and Intercalated waste from Mining	8159165000.000	11453491000.000

PART-F

The characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Used or spent oil along with cotton waste residues containing oil is generated during the maintenance of light moving vehicles/ DG sets/ Crushing & Screening plants and various other. Used oil is collected in leak proof barrels and stored in a hazardous waste oil storage facility having impervious flooring. Cotton waste residues containing oil is collected and stored in the designated impervious pits in the hazardous waste storage area. The hazardous waste is disposed to the State Pollution Control Board authorized recyclers M/S Mahalakshmi industries, Tumkur.

Solid waste generated in open cast mines comprises of overburden/rejects that are excavated during mining operations. Composition of the solid waste generated during Manganese and Iron ore production includes a mixture of Manganiferous clay, Ferruginous clays like Phyllitic and Limonitic, Ferruginous shale, banded Ferruginous formations like Banded Haematite Quartzite (B.H.Q), which are non-toxic, non-hazardous in nature.

Effic

PART-G

Impact of pollution control measures taken on conservation of natural resources and consequently on the cost of production

SMIORE has installed a Sewage Treatment Plant (STP) with a capacity of 100 KLD (Kilo Litres per Day), utilizing the Moving Bed Bio Reactor (MBBR) technology that has approval from the Karnataka State Pollution Control Board (KSPCB). The STP treats approximately 90 KLD of domestic effluent generated from the staff colony and the canteen. The treated water is used in dust suppression in mining areas and irrigating green belt plantation and gardens. During the year 2024-25, 28,007 KL of wastewater was treated at STP of Deogiri & 9,336 KL treated at septic tank and soak pits kilolitres of water is treated and reused, effectively reducing the reliance on freshwater sources, and promoting sustainable water management practices.

Over the years, approximately 3.63 million saplings, herbs, shrubs, climbers and tree variety of native species were planted within the mining lease area. During the reporting period of 2024-25, a total of 53,287 saplings belonging to diverse native forestry spec

PART-H

Additional measures/investment proposal for Environmental protection and abatement of pollution.

SMIORE has commissioned a 300 tonnes per hour capacity Down Hill Conveyor System which is awaiting clearance under stage-2 of Forest conservation Act 1980. HEMM used are compliant with CPCB norms. DG sets are CPCB norms compliant. DCS is an environment friendly means of mineral transportation, The system effectively minimizes air pollution, lowers fossil-fuel consumption, and this contributes to a significant reduction in the overall carbon footprint of the company.

In alignment with the production enhancement, two water tankers and the Strengthening of permanent water sprinkling facilities along the haulage road for dust suppression with the aim to reduce air emissions, two truck mounted mist canons and eight-wheel mounted mist canons are procured to mitigate dust suppression.

SMIORE has strategically installed three Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in a phased manner, aligned with its production enhancement initiatives. These stations provide real-ti

PART-I**Any other particulars in respect of Environmental protection and and abatement of pollution**

- The Sandur Manganese & Iron Ores Limited (SMIORE) has been awarded the prestigious Seven Star Rating by the Ministry of Mines, Government of India, and the Indian Bureau of Mines. This award recognizes SMIORE's outstanding performance and best practices in green mining, specifically for its operations during the 2023-24 period. The award ceremony took place on July 7, 2025, at the Rajasthan International Centre in Jaipur. In addition to the Seven Star Rating, SMIORE's Kammathuru Iron Ore Mine in Ballari district also received the Five Star Rating for the tenth consecutive year.
- To meet energy requirements sustainably, both on-grid and standalone solar installations have been deployed across the mining site. SMIORE has implemented various solar technologies, including Flat Plate Collector (FPC) solar water heating systems, solar streetlights, home lighting systems, and solar pumps, across the registered office, mining lease areas, and residential colonies. During the reporting per

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