Environmental Statement Form-V

(See Rule 14)

Environmental Statement for the financial year ending with 31st March : 2025-26

PART-A

Name & Address of the owner / Occupier of the industry Operation or Process

Name of the Organization : Mukand Sumi Special Steel Limited

Name of the the Owner : Anil Kumar Chhabra - Operation Head

Correspondance Address : Kanakapur Village, Koppal Taluk and District

Location Address : The Deputy Chief of Projects, Hospet Road, Kanakapura Village, Ginigera, Koppal,

Industry Category : Orange

Industry Sector : Rolling mill (oil or coal fired) and cold rolling mill

Primary (STC Code) : 9480818144 Secondary (STC Code) :

Production Capacity in Units : 400000.000 - MTA

Year of Establishment : 15-12-2018

Date of the last Environmental Statement submitted : 29-09-2025

PART-B

Water & Raw Material Consumption

Water Consumption	Water consumption (m3/d)	Waste water generation (m3/d)
Water Consumption in m3/day	345.000	61.000
Cooling	316.000	39.000
Domestic	29.000	22.000

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	Alloy Steel (Billets and Round Bars) by installing an additional Reheating Furnace for Blooms.	MTA	400000.000	0.3	0.43

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	Steel Billets	MTA	412000.000	1.17	1.03

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
Water	NA Water is recycled in to process & domestic water is treated in STP and used for gardening	0.000	0.000	0

Air	RHF PM	244.280	58.000	42 percent less than standard limit

PART-D

Hazardous Wastes

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

			Total Quantity(Kg)	
Hazardous Wastes	**Category**	**Schedule**	**During the previous financial year**	**During the current financial year**

PART-E

Solid Wastes

		Total Quantity(Kg)	
Solid Wastes	**Sub Pollutant**	**During the previous financial year**	**During the Current financial year**
From Process	Cut ends	5903000.000	8408320.000
From Process	Mill Scale	7324000.000	7425690.000

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:

Hazardous Waste
Used/Waste Oil (Category 5.1, Schedule-I) is generated from maintenance and lubrication activities. During the current financial year, 10,922 kg of waste oil was generated. The waste oil is stored in designated hazardous waste storage facilities with proper containment measures and will be disposed of through authorized recyclers/reprocessors in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules.
Solid Waste
The major solid wastes generated during the manufacturing process are iron-bearing recyclable wastes comprising:
• Cut Ends: 8,408,320 kg/year
• Mill Scale: 7,425,690 kg/year
These wastes mainly contain metallic iron and iron oxides and are recyclable in nature. The wastes are segregated, collected, and stored in designated areas before being sold to adjacent steel plants for recovery and reuse in steel manufacturing. No landfill disposal is practiced for these recyclable solid wastes.
Disposal Practice Adopted
• Haz

PART-G

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

The company has implemented various pollution control and resource conservation measures, resulting in conservation of natural resources, improved environmental performance, and optimization of production costs.

• Bag filter systems have been installed for billet grinding and shot blasting activities for effective control of particulate emissions.
• Chimneys of adequate height have been provided for effective dispersion and dilution of emissions.
• Wastewater is completely treated and recycled, ensuring no Liquid Discharge and reducing freshwater consumption.
• Sewage generated from domestic activities is treated in the STP, and treated water is utilized for gardening purposes.
• Internal roads are concreted and regularly cleaned using a vacuum sweeping machine to minimize fugitive dust emissions.
• A recuperator system has been installed for waste heat recovery from flue gases, resulting in energy conservation and reduced fuel consumption.
• Stormwater is harvested and reused i

PART-H

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

The company continues to strengthen environmental protection measures through investment in pollution control infrastructure and sustainable operational practices.

1. Online Continuous Emission Monitoring System (CEMS) has been installed and is operational for continuous monitoring of emission levels.
2. Sewage Treatment Plant (STP) is operated for treatment of sewage, and treated water is utilized for gardening. More than 8232 KL of sewage was treated and reused during the reporting period, resulting in conservation of freshwater resources.
3. Mobile water tankers are regularly deployed for water sprinkling on roads outside the plant premises to suppress dust emissions.
4. More than 3 km of roads have been concreted to control fugitive dust emissions, and further road concreting work is being undertaken.
5. Environmental monitoring is carried out through MoEF&CC/NABL recognized laboratories.
6. Greenbelt development and maintenance activities are continuously undertaken within a

PART-I

Any other particulars in respect of Environmental protection and and abatement of pollution

1. The company has implemented and maintains an Environmental Management System (EMS) conforming to ISO 14001:2015 standards for continual improvement in environmental performance.
2. World Environment Day (5th June) is celebrated every year through environmental awareness programmes and mass plantation activities to promote environmental conservation among employees and stakeholders.
3. The company is actively undertaking CSR/CER initiatives for environmental and community development. During the reporting period, more than ?4 Crore was spent on CSR/CER activities.
4. CSR/CER activities include:
o Lake rejuvenation and water conservation works.
o School development and educational infrastructure improvement.
o Community welfare programmes.
o Plantation and environmental awareness activities.
5. Continuous efforts are being made towards pollution prevention, resource conservation, greenbelt enhancement, environmental awareness, and sustainable development through adoption of b

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