

FORM-V

ANNUAL ENVIRONMENTAL STATEMENT (Rule 14 of The Environment Protection 1986)

Environmental Statement for the financial year ending with 31st March 2024

PART-A

- i. Name and address of the owner/
Occupier of the industry operation or process : Mr. V M Mashruwala
President
M/s Mukand Sumi Special Steel Limited
Kanakapura Village,
Tal & Dist : Koppal Dist.
- ii. Industry category Primary : Orange - Medium
- iii. Production category : Rolling Mill
- iv. Year of establishment : 2019
- v. Date of the last environmental statement : July-2023

PART - B

Water and Raw Material Consumption:

i. Water consumption in m³ /d (@ 365 days / year)

Process:	93 m ³ /day
Cooling:	350 m ³ /day
Domestic:	25 m ³ /d

Name of Products	Specific Water consumption per unit of products	
	During the financial year (2022 -2023)	During the financial year (2023– 2024)
Rolled Bars and Coils (m ³ /day)	0.45	0.40

ii. Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (2022 -2023)	During the current financial year (2023– 2024)
Alloy steel billets	Rolled bars & coils	261030 MT	295621 MT
Furnace Oil		10142 MT	10977 MT

PART-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

a. Water Environment:

Trade effluent generation from the Raw water treatment plant and Process filters is completely sent to slurry water treatment plant (wastewater treatment plant) and reused in the Mill process water. There is no effluent discharge to outside the premises.

Sewage effluent generated is treated through Sewage treatment plant (septic tank) and followed by reutilized for gardening.

b. Air Environment

i) Details of the Stack Emission from the Plant

The details of the average Stack Emission for the year 2023 – 2024 are given under.

Pollutants prescribed	Prescribed the Limits	Quantity of pollution Discharged (kg/day)	Con. of pollution in Discharged (mg/Nm ³)	% of variation from Prescribed Standards with
PM	100 mg/ Nm ³	55		Zero % variation
SO ₂	60 mg/ Nm ³	13.3		
NO _x	75 mg/Nm ³	15.2		

PART-D HAZARDOUS WASTES

As specified under Hazardous and other Wastes
(Management & Transboundar Movement) rules 2016

Hazardous Wastes	Authorization Qty as per HWMR (MT/Annum)	Total Quantity (MT)	
		During the current financial year (2022 – 2023)	During the current financial year (2023 – 2024)
5.1 - Used / Spent oil	30MT	9MT	5MT
5.2 -Waste/Residuescontaining oil (Used Grease)	25MT	--	--

PART-E Solid Wastes: (Generation)

PART-F

Please specify 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.

Sl. no	Description of waste	Characteristics	Disposal Quantity (TPA)	Method of disposal
Non-Hazardous waste				
1	Mill Scale	Non-Hazardous	5MT	

PART-G

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

- 100m³/day slurry water treatment plant (wastewater treatment plant) and reused in the Mill process water

PART - H

Additional measures / investment proposal for environmental protection including abatement of pollution.

- Green belt developed about 2000 sapling for FY 2023-2024
- Water reservoir developed

PART-I

Miscellaneous

Any other particulars in respect of environment protection and abatement of pollution.

Tree Details

Mukand sumi special steel limited planted 13000 trees and saplings up to March 2024