

Environmental Statement

OF

M/s RAMGARH SPONGE

IRON PVT LTD

AS ON

31ST MARCH 2024

Village: Hosir, P.O.: Dari, Dist.: Hazaribag
(Jharkhand)

FORM V

(See Rule 14)

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

PART -A

Sl No.	ITEM	INFORMATIONS
i.	Name and Address of the owner/occupier of the Industry operation or process	Mahabir Prasad Rungta (Director) Ramgarh Sponge Iron Pvt Ltd Village Hosir, P.O. Giddi Dist. hazaribagh
ii.	Industry category Primary (SSI Code), Secondary (SSI Code)	Primary
iii.	Production Capacity	Sponge Iron 1,20,000 MT/Annum
iv.	Year of Establishment	2005
v.	Date of last Environmental Statement submitted	April 2023

PART -B

Water and Raw Materials Consumption

(1) Water Consumption in Kilo Liter /day

(a) Process: 00.00 KL/day

(b) Cooling: 275 KL/day

(c) Domestic: 6.80 KL/day

Sl No.	Name of Product	Process water Consumption Per M T of Final Product	
		During the previous Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Sponge Iron	0.95 KL	1.12 KL

(2) Raw Material Consumption

Sl No.	Nature of Raw Material	Raw Material Consumption Per M T of Product Output	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Iron Ore	2.68	2.40
2.	Coal	0.95	1.06
3.	Dolomite	0.067	0.065

PART –C

Pollutants discharged into environment/unit of output

(Parameters as specified in the consent issued)

Sl. No.	Pollutants	Quantity of Pollutants Discharged (mass/day)	Concentration of pollutants in Discharges (mass/day)	Percentage Upward Variation from the Prescribed Standards With Reason
(a)	Water	---	N.A.	--
	Air	--	26.20 Mg/Nm ³	Within the Prescribed Standards

The unit has set up all required pollution control device at required places and all are giving better result, therefore pollution has been controlled to the great extent.

PART –D

Hazardous Wastes

(As specified under Hazardous Wastes management and Handling Rules, 1989)

Sl No.	Hazardous Wastes Generated	Total Quantity	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
(1)	From Process	376.290 Kg (Used Oil)	264.000 Kg (Used Oil)
(2)	From pollution control Facilities	NIL	NIL

PART –E

Solid Wastes

Sl No.	Source	Total Quantity	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
(a)	From Process - Dolochar	32407.000 MT	30654.000 MT
(b)	From pollution control Device	21913.000 MT (ESP & Bag Filter Dust)	10163.280 MT (ESP & Bag Filter Dust)
(c)	Facilities-		
(i)	Sold	38402.750 MT (Dolochar)	28993.840.750 MT (Dolochar)
(ii)	Disposed	20317.000 MT (ESP & Bag Filter Dust)	12568.440 MT (ESP & Bag Filter Dust)

PART –F

Please specify the characterizations (in terms of composition and quantum of hazardous as well as solid waste and indicate disposal practice adopted for both these categories of wastes:-

33.50 % Dolochar as solid wastes generated in the manufacturing process. Composition VM 1.4%, Ash 72%, IC 26.60%. It is sold to the power plant unit.

PART –G

Impact of the pollution statement measures taken on conservation for natural resources and on the cost production:-

Company has taken all necessary measure for conservation of natural resources in and around of the factory premises. Due to construction of road, plantation of more trees in the factory premises and continuous water sprinklers have helped in minimizing pollution to the great extent. Company has proposed to invest sufficient fund for implementation of pollution control.

PART –H

Additional measures/investment proposal for environmental protection including statement of pollution prevention:-

ESP in the stacks of all the kilns and Bag Filters at desired points are functioning properly during operation of the plant to control the air pollution.

PART –I

Any other particulars for improving the quality of the environment:-

We shall monitor for improving of existing measures of pollution control regularly. If required, further steps will be taken for improvement. We will abide by the all suggestion received by the JSPCB/ CPCB/ MoEF & CC to improve the quality of the environment.