

**ENVIRONMENTAL
STATEMENT REPORT
For the Financial Year ending
March 2019**



Submitted to:

**Jharkhand State Pollution
Control Board (JSPCB)**

FORM - V
ENVIRONMENTAL STATEMENT REPORT

FOR YEAR 2018-19

M/S NARSINGH ISPAT LIMITED

PART - A

- (i) Name and address of the occupier of the industry/ operation or process. : M/s NARSINGH ISPAT LIMITED
Vill-Khunti, Chowka Kandra Road,
Dist. Saraikela - Kharsawan, Jharkhand
- Industry Category : Primary - Large
- Primary (SIC code) :
- Secondary (SIC code) :
- (ii) Production Capacity : Sinter 200 TPD
Pig Iron 260 TPD
Captive Power 4 MW
- (iii) Year of establishment : 2011
- (iv) Date of the last environmental statement submitted : 2017-18

PART - B

WATER AND RAW MATERIAL CONSUMPTION

- (A) Water Consumption m³/day : 524 KLD
- Process : 88 KLD
- Cooling : 394 KLD
- Domestic : 42 KLD
- Water spraying : Waste water generated from domestic use,
spraying for dust suppression.

Name of the product	Process water consumption per unit of product output.	
	During the previous financial year 17-18	During the current financial year 18-19
Pig Iron	0.30 KL/MT Pig Iron	0.30 KL/MT Pig Iron

(B) Raw Material Consumption:

Name of raw Material	Name of the products	Consumption of raw material per unit of output	
		During the previous financial year 17-18	During the current financial year 18-19
Iron Ore	Pig Iron	0.878 MT	0.445 MT
Iron Ore Pallets		0.263 MT	0.132 MT
Sinter		0.958 MT	1.118 MT
Coke		0.824 MT	0.890 MT
Lime Stone		0.209 MT	0.118 MT
Dolomite		0.124 MT	0.120 MT
Manganese Ore		Nil	Nil
Iron Fines	Sinter	1.306 MT	0.615 MT
Sinter Return Fines		0.322 MT	0.244 MT
Coke Fines		0.180 MT	0.237 MT
Lime Stones Fines		0.150 MT	0.124 MT
Dolo Fines		0.106 MT	0.070 MT
Mill Scale		0.265 MT	0.009 MT

PART - C

POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT
(PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

Pollutants	Quantity of pollutants Discharged (mass/day)	Concentrations of Pollutants in Discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
(A) Water	There is no waste water discharge from the plant process. Cooling waste water is kept in closed circuit through recycle.		
(B) Air	As per Monitoring report enclosed		

PART - D

(AS SPECIFIED UNDER HAZARDOUS WASTE / MANAGEMENT AND HANDLING RULES, 1989)

Hazardous Waste	Total Quantity (kg/years)
Copy attached	During the current financial year
(a) From process – Burnt Lubricating Oil	500 Ltr per year. Kept in drum and used in Pig Casting Machine.
(b) From Pollution Control	N.A.

PART - E

SOLID WASTES

	Total Quantity (t/year)	
	During the previous Financial year 17-18	During the current Financial year 18-19
(a) From process		
(b) From Pollution Control facility	Dust collected in the bag filters are reused in sinter plant as raw material.	Dust collected in the bag filters are reused in sinter plant as raw material.
Quantity recycled or reutilised		
* Sold	31538.120 MT Sold to Cement Industry	39906.740 MT Sold to Cement Industry
* Disposed	3278.240 MT road filling	5074.200 MT road filling

PART - F

Characteristics of wastes and Indicative Disposal practice adopted

Hazardous Waste:- No Hazardous waste is generated from the process except used oil which is drained from machineries / equipments, which is again used for Pig Casting Machines.

Solid Waste: - Sold to Cement Industry

PART - G

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

M/s Narsingh Ispat Ltd. is being operated on Clean Development Mechanism. This can be justified as we have installed sintering plant where waste material produces during pig iron making reused after sintering it as raw material for pig iron. The stack emissions from plant are controlled by equipment like Dust Catcher, Bag Filters and Venturi Scrubber. The particulate matter collected in the pollution control equipment is also recycled and reused in sintering process and neutralizing the cost of operation of pollution control equipments and hence no cost impact on the production cost.

PART - H

Additional investment proposal for environment protection including abatement of pollution

Green belt development and tree plantation is our ongoing process. We are doing new plantation to increase the bio-diversify of the area. We have planted more than 2800 plants and more plantations is process.

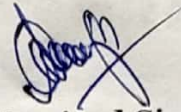
PART - I

Any other particulars for improving in respect of environmental protection and abatement of pollution.

1. Monitoring of stack emission and ambient air and water quality is being done regularly.
2. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
3. Civil and Personal & Administration departments taking care for of House Keeping.
4. Horticulture Section is taking care of tree plantation and green belt development. Every year we are growing new tree plantation.

Dated: 28/09/2019

**For,
M/S NARSINGH ISPAT LIMITED**



(Authorised Signatory)