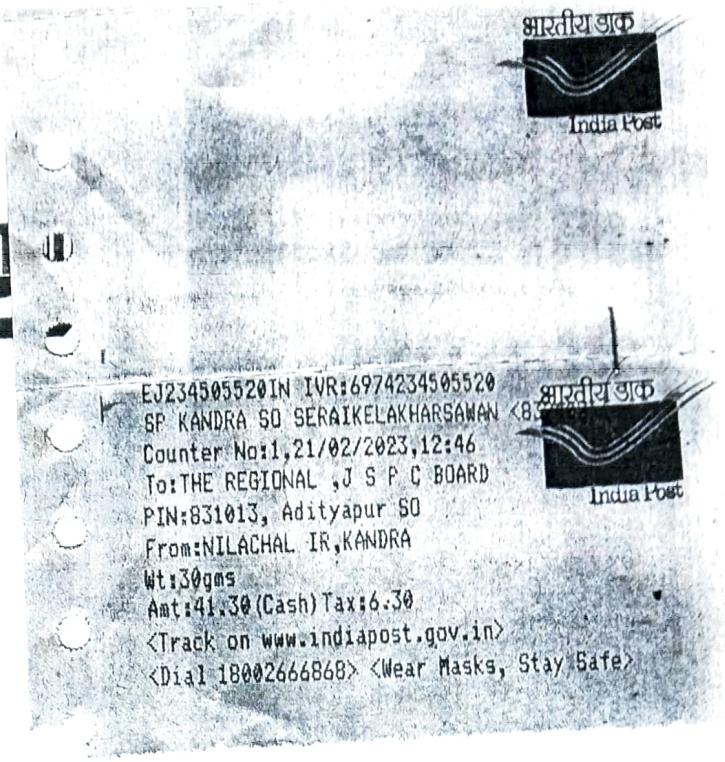
NILACHAL IRON & POWER LIMI



Ref : 292

Date : 18/02/2023

To,

The Regional Director
Jharkhand State Pollution Control Board
Regional Officer cum Laboratory
M B 15, New Housing Colony
S Type, Adityapur, Jamshepdur.

Sub: Environmental Statement (Form V) for the period from 1st April 2021 to 31st March 2022

Dear Sir

As per compliance requirement, here we are submitting Environment Statement Report for the period of 1st April 2021 to 31st March 2022 for your kind consideration.

Regards

Nilachal Iron & Power Limited

18/02/2023

Authorized Signatory

[FORM – V]

(See rule 14)

Environmental Statement for the financial year 1st April 2021 to 31st March 2022

PART – A

(i) Name and address of the owner/occupier of the industry operation or process.
Mr Aman Gupta
M/s. Nilanchal Iron & Power Limited, Vill. Ratanpur, P.O. Kandra, Kandra Chandil Road, Dist. Saraikela Kharsawan/

(ii) Industry category Primary ----(STC code) Secondary-----(SIC Code)

Primary

(iii) Production capacity----Units----

Sponge Iron - 2 X 100 TPD, 1 X 350 TPD

(iv) Year of establishment 2005

(v) Date of the last environmental statement submitted: 30.12.2021

PART – B

Water and River Material Consumption

(1) Water consumption m3/d: 500
Process: } 225 KL per day
Cooling: } 125 KL per day

Domestic : 75 KL/day
Water Spraying : around 75 KL/day

Name of Products	Process water consumption per unit of product output. During the previous financial Year 2020-2021	During the Current financial Year 2021-2022
	(1)	(2)
Sponge Iron	153163.890 KL	127750.00 KL

ii) **Raw Material Consumption**

*Name of raw materials	Name of products	Consumption of raw material per Unit of output	
		During the previous financial year 2020-21 MT/Annum	During the current financial year 2021-2022 MT/Annum
Coal	SPONGE IRON	211145.720	141974.985
Iron Ore		329796.430	280300.918
Dolomite		13695.630	9182.276

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C

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

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water	The plant is zero discharge	Within Prescribed limit (refer Waste Water report)	All Parameters are within Prescribed limit
b) Air	As per flow rate, refer stack emission report	Refer Stack emission Report attached	All parameters are within prescribed limit

PART – D

Hazardous Wastes

(As specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waster	Total Quantity (Kg.)	
	During the previous Financial Year 2020-21	During the current Financial year 2021-22
a) From process	1375 ltrs used oil generated – which are being reused	1375 ltrs used oil generated – which are being reused
b) From pollution control facilities	Nil	Nil

PART – E
Solid Wastes

		Total Quantity	
		During the previous financial year 2020-2021	During the current financial year 2021-2022
a	From process	29700 Tons Dolo-char	7041.56 Tons Dolo-char
b	Form pollution control facility	19800 Kg from Bag filter & ESP Dust	19800 Kg from Bag filter & ESP Dust
c	(1) Quantity recycled or re-utilized within the unit	All	All
	(2) Sold	Nil	Nil
	(3) Disposed	Nil	Nil

PART – F

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

Solid Waste in the Form of Sludge, char accumulation kept in the plant premises in low-laying area and sometime given to local contracts for reuse.

PART – G

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

Use of Rain Water in the Plant Process & Rain Water Harvesting

PART – H

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

Tree Plantation inside the plant and Environmental awareness program for Contractors & Employees

PART – I

Any other particulars for improving the quality of the environment.