# FORM V

**( See Rule 14 )**

Environmental statement for the financial year ending on 31st March on or before 30th of September every year

Period 01.04.2021 to 31.03.2022

## PART A

| | | |
|---|---|---|
| (i) | Name and Address of the owner / Occupier of the industry operation or Process | **M/S Satya Power and Ispat Ltd**<br>Village- Gatauri , Ratanpur Road<br>Bilaspur,<br>Chhattisgarh<br>office.satyapower@gmail.com |
| (ii) | Industry category<br>Primary - ( STC Code )<br>Secondary - ( STC Code ) | Scale- **Medium**<br>Category- **Orange**<br>STC code-24102 ( Sponge Iron)<br>STC code-05103 (Coal Washery) |
| (iii) | Production Capacity (unit) | Sponge Iron - 90000 TPA<br>Coal Washery- 14,40,000 TPA<br>( This facility is not in operation) |
| (iv) | Year of Establishment | **2005** |
| (v) | Date of the last Environmental statement submitted. | 24-7-2021 |

## PART B

### Water and Raw Material Consumption

1 **Water Consumption m3/ d**

| | | |
|---|---|---|
| Process | | 0 |
| Cooling | 100X 3 Kiln | 79 M3/day |
| Domestic | | 4.5 KL / day |
| Horticulture / Green Belt | | 2 KL / day |
| Dust suppression | | 2 KL / day |

| Name of the Products | Process water consumption per unit of product | |
|---|---|---|
| | During the previous financial year | During the current financial year |
| | (1) | (2) |
| (1) **Sponge Iron Plant** | Nil | Nil |
| (2) **Coal Washery Plant** | Nil | Nil |
| (3) | | |

Note - The water is only required for cooling purpose, The Process doesnot required any water )

2 **Raw Material consumption**

| Name of Raw Materials | Name of Products | Consumption of raw material per unit | |
|---|---|---|---|
| | | During the previous financial year (2020-2021) | During the current financial year (2021 - 2022 ) |
| Iron Ore / Pellet | **Sponge Iron** | 1.52 mt | 1.48 mt |
| Coal | | 1.45 mt | 1.55 mt |
| Dolomite | | 0.04 | 0.04 mt |
| **Raw Material details for Coal Washery** | | | |
| ROM Coal | **Washed Coal** | Nil | Nil |

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

## PART C

Pollution discharged to environment / unit of output.

**( Parameter as specified in the consent issued )**

| Pollution | Quantitity of Pollutants Discharged ( mass / day) | Concentration of Pollution in Discharges ( mass / volume) | Percentage of Variation from prescribed standards with reasons |
|---|---|---|---|
| (a) Water | Nil | Not Applicable | Not Application |
| (b) Air | Particulate matter below < 120 mg /Nm3 | < 50 mg/NM3 | Always maintained within standard norms of < 50 mg/NM3 , Online stack monitoring syastem has been inatalled and activated |

## PART D

### Hazardous Wastes

**( as specified under Hazardous Wastes ( Management and Handling ) Rules, 1989)**

| Hazardous Wastes | Total Quantity ( Kg) | |
|---|---|---|
| | During the previous | During the current |
| **(a) From Process** * Used Spent Oil | Nil | Used or Spent Oil - 0.30 Kl/ Annum<br>Empty Barrel - 28 Barrels / Annum<br>Contaminated Cotton Rags or others cleaning materials - 0.022 MT / Annum |
| **(b) From Pollution control facilities.** | Nil | Nil |

## PART E

### SOLID WASTE

| Sl No | Description | Total Quantity | |
|---|---|---|---|
| | | During the previous year | During the current year |
| ( a ) | **From Process** ( Dolochar Fly ash ) | **Char / Dolochar** Generation 5748 mt<br>**Ash / Dust** Generation 2723 mt | **Char / Dolochar** Generation 8088 mt<br>**Ash / Dust** Generation 3254 mt |
| ( b ) | **From Pollution control facility** | NIL | NIL |
| ( c ) | **(1) Quantity recycled or re- utilised within the unit**<br>**(2)Sold**<br>**(3) Disposed** | **Char / Dolochar**<br>Re-Cycled Nil<br>Sold /Given 5748 mt<br>Disposed Nil | **Char / Dolochar**<br>Re-Cycled Nil<br>Sold 4102.48 mt<br>Disposed Nil |
| | | **Fly ash / Dust**<br>Re-Cycled Nil<br>Given ( Low line) 1200 mt<br>Disposed Nil | **Fly ash / Dust**<br>Re-Cycled Nil<br>Given ( Low line) 809 mt<br>Disposed Nil |

## PART F

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

The waste generated in the process are not classified under Hazardous Waste except Oil and grease and containers and cotton rags for the same. Thease are re-used and then sold to authorised re-cycleers agency.

Some of the waste are under other waste ( ie- Char / Dolochar , Ash / Dust ) but are not hazardous in nature . The Char and Dolo-char is being sold to power plants for using as a fuel for Power plant. Ash /dust is being given for brick making/backfill.

## PART G

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

There is positive impact due to abatement measures taken to conserve natural resources..

1. Closed circuit cooling system has been adopted.
2. Regular maintenance of equipments are being done to minimise the noise and to achieve better efficiency.
3. Sprinkling on internal roads are in practice to avoid fugutive dust.

## PART H

Additional measures / invesments proposal for environmental protection including abatement of Pollution, Prevention of Pollution.

N.A.

## PART I

**Miscellaneous**

Any other particulars for improving the quality of the Environment.

N.A.

*For* , SATYA POWER AND ISPAT LIMITED

Authorised Signatory