



Jharkhand <jam.env2018@gmail.com>

Jharkhand Ispat Pvt Ltd - Environment Statement Report 2024-25

1 message

jipl Legal <jipllegal@gmail.com>

Sat, Sep 27, 2025 at 6:26 PM

To: JSPCB RANCHI <ranchijspcb@gmail.com>, HAZARIBAG REGIONAL OFFICE JSPCB

<jspcb_hazaribagh@rediffmail.com>

Cc: jiplelectrical440@gmail.com, Jharkhand Alope <jam.env2018@gmail.com>

Sir,

Please find enclosed herewith Environment Statement Report 2024-25 from the period of April 2024 to March 2025.

Regards,

Jharkhand Ispat Pvt Ltd

 **JIPL _ Env Stement Report _2024-25.pdf**
462K



JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE : Near P.N.Bank, Main Road,
: Ramgarh Cantt. 829 122
: Dist. Ramgarh (JHARKHAND)
CIN : U34102UP1991PTC012872
Telephone : 06553-226846
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E-Mail : jiplramgarh@gmail.com

WORKS:
VILL. & P.O. HESLA, Argada
DIST. RAMGARH (JHARKHAND)
PIN: 829101

JIPL/2025-26

27/09/2025

To,
The Member Secretary,
Jharkhand State Pollution Control Board,
HEC Campus, TA Division Building,
Durwa, Ranchi - 834 004.
Jharkhand

Sub: Submission of Environmental Statement Report from the period of April 2024 to March 2025.

Ref.:- CTO Ref. No. – JSPCB/HO/RNC/CTO-10527411/2022/1497, Dated 23/10/2022 & JSPCB/HO/RNC/CTO-18946451/2024/1168, Dated 24/07/2024.

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement Report from the period of April 2024 to March 2025.

Please find above in order and do the needful.

Thanking you,

Yours faithfully,
For **JHARKHAND ISPAT PVT LTD**



Authorized Signatory

Encl: As above.

Cc to: - Regional Officer, Regional Office, State Pollution Control Board, Hazaribagh (Jharkhand)

ENVIRONMENTAL STATEMENT
Jharkhand Ispat Pvt. Ltd.
Period from: April 2024 to March 2025

FORM – V
PART – A

| | | |
|----|---|---|
| 1. | Name and address of the Owner / Occupier of the Industry operation or process | Jharkhand Ispat Pvt. Ltd. Occupier name – Sri Ram Chandra Rungta Village & PO – Hesla, Via - Argada Dist. – Ramgarh, Jharkhand – 829101 |
| 2. | Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code) | Red Category |
| 3. | Production Capacity | Sponge Iron – 120000 TPA M.S. Billet – 108000 TPA Waste Heat Recovery Boiler (WHRB) – 6 MW |
| 4. | Year of Establishment | 2003/2006 |
| 5. | Date of the last Environmental Statement Submitted | 30/09/2024 |

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) Water consumption in m3/day:

Process & Cooling : 694.69 m3/day

Domestic : 15 m3/day

| Name of Product | Process Water Consumption per Unit of Product Output | |
|---|--|---|
| | During Previous Financial Year (2023-24) | During Current Financial Year (2024-25) |
| Integrated unit for the production of Sponge Iron, MS Billets, and Captive Power - WHRB | 1.844 | 1.278 |

(II) RAW MATERIAL CONSUMPTION:

| Name of Raw Material | Name of Product | Consumption of Raw Material Per Unit of Output | |
|---------------------------|-----------------|--|---|
| | | During Current Financial Year (2023-24) | During Current Financial Year (2024-25) |
| Coal | Sponge Iron | 1.5469 | 1.402 |
| Dolomite | | 0.018 | 0.016 |
| Iron Ore/Iron Ore Pellets | | 1.889 | 1.899 |
| MS scrap | MS Billet | 0.185 | 0.181 |
| Pig Iron | | 0.148 | 0.098 |
| Sponge Iron (I/F) | | 0.861 | 0.874 |
| Silico Manganese | | 0.007 | 1.009 |

(III) POWER CONSUPTION:

| During Previous Financial Year (2023-24) | During Current Financial Year (2024-25) |
|---|---|
| 8, 62, 61,630 KWH electricity consumption from grid power supply. | 5, 34, 23,300 KWH electricity consumption from grid power supply. |

(IV) TOTAL PRODUCTION (MT):

| Product Name | During Previous Financial Year (2023-24) | During Current Financial Year (2024-25) |
|--------------|--|---|
| Sponge Iron | 84,437.00 | 90,718.00 |
| MS Billet | 83,912.550 | 72,273.64 |

PART – C**DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT**

| Pollutants | Quantity of Pollutants Discharged (Mass/Day) | Concentration of Pollutants in Discharge (Mass/Volume) | Percentage of variation from prescribed standard with reasons |
|------------|--|--|---|
| (a) Water | <ul style="list-style-type: none"> No industrial effluent is generated. In compliance to Zero Liquid Discharge (ZLD), the web camera and flow meter are installed with online monitoring facilities. The waste water generated from the office toilet and messes are discharged via septic tank and soaks pits. | | |
| (b) Air | <ul style="list-style-type: none"> Online continuous emission monitoring system of PM & SO₂ are installed with web connectivity with CPCB & SPCB. Unit has installed Dust handling system with 100 m³ capacity silo to control of fugitive emission from bag filter & ESP discharge points. Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10, PM 2.5, SO₂ & NO_x parameter are installed. | | |

PART – D

HAZARDOUS WASTE

(As specified under Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016)

| Hazardous Waste | Total Quantity (Ltrs.) | |
|---------------------------------------|---|--|
| | During Current Financial Year (2023-24) | During Current Financial Year (2024-25) |
| a) From Process | Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB/ HO/ RNC/HWM–13308699/ 2023/22, dated 09/04/2023, valid upto 30.09.2027. | Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB/ HO/ RNC/HWM–13308699/2023/22, dated 09/04/2023, valid upto 30.09.2027. |
| (b) From Pollution Control Facilities | Not applicable | Not applicable |

PART – E

SOLID WASTE

| | | Total Quantity (MT) | |
|-----|---|---|--|
| | | During Previous Financial Year (2023-24) | During Current Financial Year (2024-25) |
| (a) | From Process | | |
| | 1) Dolachar (Coal Char) | 33000.00 | -- |
| | 2) Other waste | 45100.00 | 29,050.00 |
| (b) | From Pollution Control Facility | Nil | |
| (c) | Quantity recycled or re- utilized within the unit | | |
| | 1) Sold (Coal Char) | 48866.010 | 33,555.840 |
| | 2) Dispose | - | - |

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 the categories of wastes.

- Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus.
- Coal Char (Chhai) and other wastes, the solid waste generated in process are being sold at present, the earlier stock of coal char are also being sold as per demand.

PART – G

Impact Of The Pollution Control Measures On Conservation Of Natural Resources And Consequently On The Cost Of Production

- Unit has 4X100 TPD Sponge iron kilns, installed four numbers of ESP attached to each Rotary kiln stack to control stack emission.
- Unit has installed eight numbers of bag filters at various material transfer points of Sponge Iron plant to control fugitive emissions. One fume extraction system (Ventury Scrubber) is installed with Induction Furnace plant.
- Unit has installed Dust/Ash handling system with 100 m³ capacity silo to control of fugitive emission from bag filter & ESP discharge points.
- Unit has installed fifty numbers of water sprinklers at various places within plant premises to control dust emission / fugitive emission from haul roads.
- All conveyor belts are covered with M.S.Steel.
- All raw materials are kept in covered shed.

PART – H

Additional Measures/Investments Proposal For Environment Protection Including Abatement Of Pollution

- Plantation are made at plant site besides the boundary. We are also doing support for plantation in nearby villages during rainy season every year. New plantations are also made every year in the plant during rainy season.
- EC issued vide letter no F.No.J-11011/41/2013-IA.II(I) dated – 07/09/2022.
- The CTE issued vide letter no. JSPCB/HO/RNC/CTE-14198438/2023/1 DT-01/01/2023
- 6 MW Waste Heat Recovery Boiler is installed and operative.

PART – I

Any other particulates for improving the quality of environment

- Unit has installed two numbers of online Continuous Emission Monitoring System (CEMS) for measurement of particulate matter (PM) & SO₂.
 - The web camera & flow meter has installed with online monitoring facilities.
 - Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10, PM 2.5, SO₂ & NO_x parameter are installed with online monitoring facilities.
 - Unit has installed Telemetry System at One no. of Bore well and piezometer.
 - Data of CEMS, Camera & flow meter are continuously updated on CPCB & SPCB server.
 - Unit has installed Dust/Ash handling system with 100 m³ capacity silo to control of fugitive emission from bag filter & ESP discharge points.
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