

SBPIL/TMT/ENV/24-25/ 1120

Date: 26.09.2024

To,

The Member Secretary,  
Chhattisgarh Environment Conservation Board,  
Paryawas Bhawan, North Block, Sector-19  
Atal Nagar, Naya Raipur (C.G.)

**Sub: Submission of Environment Statement (Form-V) for the FY 2023-24.**

Dear Sir,

With reference to above cited subject, we are submitting herewith Environment Statement (Form-V) for our M/s Shri Bajrang Power & Ispat Limited, at village-Gondwara, Urla Industrial complex, Raipur (C.G), as per provision of Environment (Protection) amendment Rule 1993 for the year ending 31/03/2024 in prescribed format, as required by you.

Please acknowledge the receipt of the same.

Thanking You.

Yours Faithfully,

**For, Shri Bajrang Power & Ispat Ltd., Gondwara**  
G R Telang  
(DGM- EHS)

Encl: As above.

**CC: The Regional Officer, Chhattisgarh Environment Conservation Board, New office  
Building, Ring Road No. 2 Tatibandh Raipur (C.G.)**

**The Environment (Protection) Rules, 1986**

**(FORM – V)**

**(See rule 14)**

**Environmental Statement for the financial year ending the 31<sup>st</sup> March'2024**

**PART – A**

- (i) Name and address of the occupier of the industry operation or process. : **Shravan Kumar Goyal  
Shri Bajrang Power & Ispat Ltd.  
(TMT Division) Kh. No.2/3,  
Vill.: Gondwara, Urla Industrial  
Complex Raipur 493 221 (C.G.)**
- (ii) Industry category Primary – (STC code) : **Secondary**  
Secondary – (SIC Code)
- (iii) **Units & Production Capacity –** :
1. (A) Induction Furnace - **1,05,600 TPA**  
(B) Rolling Mill **59,500 TPA**
2. E.L. Refining Furnace - **1,05,600 TPA & 37,500 TPA**
3. (A) Rolling Mill - **1,50,000 TPA**  
(b) Power Plant **16.00 MW**
4. (A) Wire Drawing Mill - **1,25,000 TPA**  
(B) Fly Ash Bricks Plant - **72,000 TPA**
- (iv) **Year of establishment -**
1. Rolling Mill (MS Round, Bars, etc.) – - **15.12.1999**  
2. Induction Furnace - **15.03.2004**  
3. E.L. Refining Furnace - **20.12.2006**  
4. Power Plant - **12.12.2007**  
5. Rolling Mill - **20.01.2007**  
6. Wire Drawing Mill - **27.12.2010**  
7. Fly Ash Bricks Plant - **28.12.2010**
- (v) **Date of the last environmental Statement submitted.** : **18.09.2023**

**PART – B**

**Water and Raw Material Consumption**

- (1) Water consumption m<sup>3</sup>/d:
- Process : **64 KLD**  
Cooling : **1257 KLD**  
Domestic : **15 KLD**

**Name of Products:**

**Process Water Consumption per Unit of Product Output**

	<b>During the previous Financial year 2022-23</b>	<b>During the Current Financial year 2023-24</b>
(1) Power Plant (Boiler)	64 KLD	64 KLD



**(II) Raw Material Consumption:-**

Name of raw material		During the previous Financial year 2022-23 Raw Material Consumption	During the Current Financial year 2023-24 Quantity
<b><u>Rolling Mill Division</u></b>			
Billet	-	2,24,618.270 MT	2,33,450.355 MT
Ingot	-	Nil	Nil
Bloom	-	Nil	Nil
<b><u>SMS Division</u></b>			
Sponge Iron	-	80,387.80 MT	92,251 MT
Pig Iron	-	6,810.315 MT	4,170.190 MT
Waste & Scrap	-	8,036.229 MT	21022 MT
Silico Manganese	-	1,014.935 MT	1,699 MT
MS Scrap	-	15,487.205 MT	30248 MT
<b><u>AFBC Power Plant</u></b>			
Coal	-	53,933.79 MT	69,421 MT
Char/Dolochar	-	69,898.47 MT	64,961 MT
<b><u>Wire Drawing Mill</u></b>			
Wire Rod	-	14535.115 MT	9,173.465 MT
<b><u>E.L. Refining Furnace</u></b>			
Liquid Steel (For Refining)		Nil (Plant Stopped)	Nil (Plant Stopped)

\*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	<b>No disposal of polluted water from factory to outside.</b>		
(b) Air	<b>It meets the required standard prescribed by the board.</b>		

**PART – D****HAZARDOUS WASTES**

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

Hazardous Waste	Total Quantity (Kg)	
	During the previous Financial year 2022-23	During the Current financial year 2023-24
A. Used Oil	1.959 KL	1.959 KL
B. Resin	1.2 KG	1.2 KG
C. Gas Cleaning Residues	Nil	Nil

- (a) From Process : As mentioned above Hazardous Waste  
 (b) From pollution control facilities : No Generation of Hazardous waste.

**PART – E**  
**Solid Waste**  
**Total Quantity (Kg)**

		<b><u>During the previous Financial year 2022-23</u></b>	<b><u>During the Current financial year 2023-24</u></b>
(a) From process:			
	Slag :	8601.349 MT	11662 MT
	Mill scale :	1481.23 MT	1503 MT
	End cutting etc. :	8017.375 MT	8562 MT
* Balance quantity is used in our plant.			
(b) From Pollution control facility :			
	ESP Dust :	72819.725 MT	80322 MT
(c) Quantity recycled or Re-utilized :		10007.132 MT	10544 MT
	within the unit :	822.77 MT	542 MT
(d) Land Filling :			

\* Balance quantity sold to outside bricks manufacturing unit.

**PART – F**

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

All solid wastes are being disposed off in safe & scientific manner under the zero-waste disposal concept.

**PART – G**

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

Measures include Captive consumption of Char/Dolochar in AFBC boiler so as to avoid burning of coal and Consumption of Ash is done in our In-House Fly Ash Brick Manufacturing Unit keeping in view conservation of environment as well as of natural Resources.

**PART – H**

**Additional measures/investment proposal for environment protection including abatement of Pollution, prevention of pollution.**

Solid waste Management, RCC Road Construction inside the Premises, Extensive Tree Plantation and up keeping of all Pollution Control Equipment and three nos. online stack emission monitoring systems is installed for monitoring of stack emissions and taking corrective action accordingly.

**PART – I**

**Any other particulars for improving the quality of the environment.**

Recycle of almost all solid wastes so as to ensure no disposal of any solid waste from factory to outside.