SBPIL/TMT/ENV/23-24/792

Date: 18.09.2023

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 2022-23.

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 31/03/2023 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,
Vyavsaik Parisar, Chhattisgarh Housing Board Colony
Kabir Nagar, RAIPUR (C.G.)

The Environment (Protection) Rules, 1986
(FORM – V)
(See rule 14)

Environmental Statement for the financial year ending the 31st March'2023

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 – (SIC Code) : **Secondary**

(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. : **16.09.2022**

PART – B

Water and Raw Material Consumption

(1) Water consumption m³/d:
Process : 64 KLD
Cooling : 1257 KLD
Domestic : 15 KLD

Name of Products:	Process Water Consumption per Unit of Product Output	
	During the previous Financial year 2021-22	During the Current Financial year 2022-23
(1) Power Plant (Boiler)	64 KLD	64 KLD

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

Name of raw material		During the previous Financial year 2021-22 Raw Material Consumption Quantity	During the Current Financial year 2022-23
Rolling Mill Division			
Billet	-	219573 MT	2,24,618.270 MT
Ingot	-	Nil	Nil
Bloom	-	Nil	Nil
SMS Division			
Sponge Iron	-	74303 MT	80,387.80 MT
Pig Iron	-	3044 MT	6,810.315 MT
Waste & Scrap	-	15416 MT	8,036.229 MT
Silico Manganese	-	1272 MT	1,014.935 MT
MS Scrap	-	NIL	15,487.205 MT
AFBC Power Plant			
Coal	-	86821 MT	53,933.79 MT
Char/Dolochar	-	72306 MT	69,898.47 MT
Wire Drawing Mill			
Wire Rod	-	13753 MT	14535.115 MT
E.L. Refining Furnace			
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	**No disposal of polluted water from factory to outside.**		
(b) Air	**It meets the required standard prescribed by the board.**		

PART – D

HAZARDOUS WASTES

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

Hazardous Waste	Total Quantity (Kg)	
	During the previous Financial year 2021-22	During the Current financial year 2022-23
A. Used Oil	**1.27 KL**	**1.959 KL**
B. Resin	**0.0 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)

		During the previous Financial year 2021-22	During the Current financial year 2022-23
(a) From process:			
Slag	:	7193 MT	8601.349 MT
Mill scale	:	1639 MT	1481.23 MT
End cutting etc.	:	5986 MT	8017.375 MT

* Balance quantity is used in our plant.

(b) From Pollution control facility	:		
ESP Dust	:	67656 MT	72819.725 MT
(c) Quantity recycled or Re-utilized within the unit	:	10133 MT	10007.132 MT
(d) Land Filling	:	0.0 MT	822.77 MT

* 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.