SHRI BAJRANG
POWER AND ISPAT LTD.
BELIEF, STRONGER THAN STEEL.
POWER | STEEL | MINING

SBPIL/TMT/ENV/21-22/ 1664 Date: 13.09.2021

To,

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

Sub: Submission of Environment Statement (Form-V) for the financial year 2020-21.

Dear Sir,

With reference to above cited subject, we are submitting herewith Environment Statement (Form-V) for our M/s Shri Bajrang Power & Ispat Ltd., at village- Gondwara, Urla Industrial Complex, Raipur (C.G.), as per provision of Environment (Protection) amendment Rule 1993 for the year ending 31st March' 2021 in prescribed format, as required by you.

Please acknowledge the receipt of the same.

Thanking You.

Yours Faithfully,

For, M/s Shri Bajrang Power & Ispat Ltd.

G R Telang
(AGM – 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, 2021

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, Raipur (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 - **13.04.20210**

(v) **Date of the last environmental Statement submitted.** : **29.09.2020**

PART – B

Water and Raw Material Consumption

(1) Water consumption m^3 / d:

Process	: 64 KLD
Cooling	: 1234 KLD
Domestic	: 15 KLD

Name of Products:	Process Water Consumption per Unit of Product Output	
	During the previous Financial year 2019-20	During the Current Financial year 2020-21
(1) DM Plant	64 KLD	64 KLD

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

Name of raw material		During the previous Financial year 2019-20 Raw Material Consumption Quantity	During the Current Financial year 2020-21 Quantity
Rolling Mill Division			
Billet	-	**194310.276 MT**	**203669.63 MT**
Ingot	-	**Nil**	**Nil**
Bloom	-	**Nil**	**Nil**
SMS Division			
Sponge Iron	-	**86449.720 MT**	**80021.18 MT**
Pig Iron	-	**2976.170 MT**	**2792.25 MT**
Waste & Scrap	-	**18335.760 MT**	**14907.83 MT**
Silico Manganese	-	**1776.156 MT**	**1391.27 MT**
AFBC Power Plant			
Coal	-	**78713.240 MT**	**64537.00 MT**
Char/Dolochar	-	**85157.179 MT**	**43725.00 MT**
Wire Drawing Mill			
Wire Rod	-	**14321.235 MT**	**9517.62 MT**
E.L. Refining Furnace			
Liquid Steel (For Refining)		**Nil**	**Nil**

*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 meet 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 2019-20	During the Current financial year 2020-21
A. Used Oil	**1.70 KL**	**0.630 KL**
B. Resin	**4.10 KG**	**0.0 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 2019-20	During the Current financial year 2020-21
(a) From process:			
Slag	:	7074.85 MT	7270.43 MT
MS Scrap, Mill scale & End cutting etc.	:	11157.125 MT	8493.02 MT

*** Quantity 1407.04 MT sold to other Plants & the balance quantity is used in our plant.**

(b) From Pollution control facility	:		
ESP Dust	:	72437.71 MT	60078.28 MT*
(c) Quantity recycled or Re-utilized within the unit	:	11451.693 MT	48540.92 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 used / recycled 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, Road Construction inside the Premises, Extensive Tree Plantation and up keeping of all Pollution Control Equipment and one 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 solid waste from factory to outside.