



**SHRI BAJRANG
POWER AND ISPAT LTD.**

BELIEF, STRONGER THAN STEEL.

POWER | STEEL | MINING

SBPIL/TILDA/ENV./20-21/ 2152

Date: 29.09.2020

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

Sub: Submission of Environment Statement for the FY 2019-20 (ending on 31/03/2020).

Dear Sir,

With reference to above cited subject, we are submitting herewith Environment Statement as per provision of Environment (Protection) amendment Rule 1993 for the year ending 31st March' 2020 in prescribed format, Form-V (see Rule 14) as required by you.

Please acknowledge the receipt of the same

Thanking You.

Yours Faithfully,
For Shri Bajrang Power & Ispat Ltd,

S.K.Goyal
(Director)

Encl: As above.

CC: The Regional Officer,
Chhattisgarh Environment Conservation Board,
Vyavsaik Parisar, Chhattisgarh Housing Board Colony
Kabir Nagar, RAIPUR (C.G.)



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**The Environment (Protection) Rules, 1986
(FORM – V)**

(See rule 14)

Environmental Statement for the financial year ending the 31st March, 2020

PART – A

- (i) Name and address of the occupier of the industry operation or process. : Pradeep Tiwari
Shri Bajrang Power & Ispat Ltd.
Vill.: Tandwa, Tehsil- Tilda,
RAIPUR (C.G.)
- (ii) Industry category Primary – (STC code): : Secondary
Secondary – (SIC Code)
- (iii) **Production Capacity – Units –** : **Capacity**
Sponge Iron - 4,00,000 TPA
Captive Power Plant (WHRB+AFBC) - 32 MW + 09 MW
Pelletization - 14,00,000 TPA
I/O Beneficiation - 20,00,000 TPA
- (iv) **Year of establishment**
Kiln – I - 26.03.2013
Kiln – II - 25.06.2019
16 MW CPP(WHRB) - 31.03.2013
16 MW CPP(WHRB) - 25.06.2019
09 MW CPP (AFBC) - 25.06.2019
Pelletization - 26.03.2013
I/O Beneficiation - 01.11.2014
- (v) Date of the last environmental Statement submitted. : 13.09.2019

PART – B

Water and Raw Material Consumption

- (1) Water consumption m³ / d:
Process : 1285 KL
Cooling : 2624 KL
Domestic : 48 KL

Name of Products: output	During the previous Financial year 2018-19	During the Current financial year 2019-20
	Process water consumption per unit of product	
(1) Sponge	Nil	Nil
(2) Power Plant	96 KL	96 KL
(3) Pelletization	Nil	Nil
(4) I/O Beneficiation	0.200 KL	0.200 KL

(iii) Raw Material Consumption

Name of raw material	During the previous Financial Year 2018-19	During the Current Financial Year 2019-20
<u>Sponge Iron Division</u>		
Iron Ore	- 00.00 MT	00.00 MT
Coal	- 143412.07 MT	264677.50 MT
Dolomite	- 7314.16 MT	13205.50 MT
Pellets	- 252916.42 MT	429093.29 MT
<u>Pellet Plant</u>		
Iron Ore Fines	- 1168908.34 MT	1296214.00 MT
Bentonite	- 5561.17 MT	5837.90 MT
Coal	- 36762.06 MT	45448.20 MT
I.F.O & F.O	- 11364.78 KL	11186.92 MT
<u>Iron Ore Beneficiation</u>		
Iron Ore Fines	- 1283387 MT	1426107.27 MT
AFBC(Coal Based Captive Power Plant)	- Nil	5400.00 MT

*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		
(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 2018-19	During the Current financial year 2019-20
(A) Used Oil	2.0 KL	1.9 KL
(B) Resin	4.2 KG	4.5 KG
(C) Phenolic Water	2095 KL	1535 KL

(a) From Process

(b) From pollution control facilities.

As mentioned above Hazardous wastes.

No Disposal of Hazardous waste.

PART – E

Solid Waste

Total Quantity (MT)

	During the previous Financial year 2018-19	During the Current financial year 2019-20
(a) From process:		
Dolochar :	35480.33 MT	57719.10 MT
Tailing :	87319.00 MT	159236.00 MT
(b) From Pollution control facility:		
Ash :	12730.57 MT	24954.21 MT
(c) 1. Quantity recycled or Re-utilized within the unit -	: Dolochar 1966 MT	57724.00 MT
	Captive consumption in sister concern –TMT Division	
	: Ash 12399.79 MT	15450.00 MT
	Captive Consumption in our Own Bricks Plant	
	Tailing NIL	NIL
2. Sold	: Dolochar 34071.16 MT	117.30 MT
	Ash 32.21 MT	9186.46 MT
	Tailing 62840.96 MT	85604.63 MT

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.

1. Generated solid waste Dolochar is being consumed in our sister concern (TMT Division.) in AFBC Power plant as a raw material.
2. Generated Ash is being used in our own Bricks Plant, sold to others Brick plants and being used for internal land filling.
3. Generated Tailing is partially being consumed under re-utilized within the unit and balance is being sold to cement plant units.

PART – G

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

1. Captive consumption of Char/Dolochar in AFBC boiler so as to avoid use of coal as a raw material in view of, Conservation of environment as well as of natural Resources.
2. Domestic Discharged water of plant after treatment is being used for plantation purpose & sprinkling on roads & sites for dust suppression.

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 installed Continuous Online Ambient and Stack Emission monitoring Systems for monitoring of Ambient Air Quality & stack emission and taking corrective actions 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 as well as plant discharge water from factory to outside.

