

Date :- 26/04/2024

To

The Regional Officer

Regional Office, CECB

5/32 Bang low, Bhilai

Dist - Durg (C.G.)**Sub :- Submitting of Environmental Statement (Form - V) as Per Format.**

R/Sir,

As per your Consent Condition we are hereby submitting the **Environmental Statement (Form - V)** for the year of **31 March 2024** in prescribed format.

This is for kind information please.

Thanking you,

Yours truly,

For, Crest Steel & Power Pvt. Ltd.**Assistant Manager (Environment)**

CC :- HO, CECB, Atal Nagar, Sector-19, Nava Raipur



Environmental Statement

FORM-V

(See rule 14)

Environmental Statement for the

Financial Year ending with 31st March 2024

PART-A

- i. Name and address of the owner/ occupier of the industry : **M/s Crest Steel & Power Private Limited, through Mr. Surendra Lodha, Director**

Address: (Factory)
Vill-Joratarai,
P.O.-Mangatta,
Dist-Rajnandgaon (C.G.)

Address: (City Office)
Vill-Joratarai,
P.O.-Mangatta,
Dist-Rajnandgaon (C.G.)

Operation or Process : Process

- ii. Industry category : Medium Scale Industry
Primary - (STC Code) :
Secondary- (STC Code) :

- iii. Production Category :
Sponge Iron Plant : 350 TPD x 2
Power Plant [WHRB] : 08 MW x 2
Power Plant [FBC] : 08 MW
Induction Furnaces : 96,000 TPA

- iv. Year of establishment : January 2005

- v. Date of the last environmental statement submitted : April, 2023

PART – B

Water and Raw Material Consumption:

i. Water consumption in M³/ day 1250 m³/Day

Process	:	
Cooling + process + Regeneration	:	1235 m ³ /Day
Domestic	:	15 m ³ /Day

Sr. No	Name of the Products	Process water consumption per unit of products	
		During the previous Financial year	During the current financial year
1.	Sponge Iron	200 M ³ /Day	180 M ³ /Day
2.	Power Plant [WHRB + FBC based]	880.0 M ³ /Day	810 M ³ /Day
3.	Induction Furnaces	155 M ³ /Day	105 M ³ /Day

ii. Raw material consumption

Sr. No	Name of Products	Name of Raw Materials *	Consumption of raw material per unit (Ton) of output	
			During the previous financial year	During the current financial year
1.	Sponge Iron [350 TPD]	Coal	---	1.20 Ton
		Iron Ore/Pellet	---	1.65/1.45 Ton
		Dolomite	---	0.050 Ton
2.	WHRB		---	---
			---	---
			---	---
3.	AFBC	Coal	---	1.30 Ton
			--	
4.	Induction Furnace	Sponge Iron	---	1.22 Ton
		M.S. Scrap	---	0.15 Ton
		Pig Iron	---	0.03 Ton

* 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)

Sr. No	Pollutants	Quantity of Pollutants discharged (Mass/ Day)		Concentration of pollutants discharged (Mass/ Volume)	Percentage of variation from Prescribed Standards with Reasons
a.	Water	BOD	< 30 mg/ NM ³	---	---
		COD	< 100 mg/ NM ³	---	---
		TS	< 100 mg/ NM ³	---	---
		O&G	< 10 mg/ NM ³	---	---
b.	Air	SPM	< 250 µg/ NM ³	---	---
		SO ₂	< 30 µg/ NM ³	---	---
		NO _x	< 50 µg/ NM ³	---	---
		CO	BDL	---	---

PART - D**HAZARDOUS WASTES**

(As specified under Hazardous Wastes (Management & Handling Rules, 1989).

Sr. No	Hazardous Wastes	Total Quantity (Kg.)	
		During previous Financial year	During Current Financial
1.	From Process	Nil	Nil
2.	From Pollution Control Facilities	Nil	Nil

PART - E**SOLID WASTES:**

Sr. No	Solid Wastes	Name of the solid wastes	Total Quantity	
			During previous Financial year	During Current Financial year
a.	From Process	Iron Ore Fines	---	139 TPD
		Char/ Dolochar	---	170 TPD
		Accretion	---	50 TPD
		Ash	---	65 TPD
b.	From Pollution Control Facilities	ESP and Bag Filter Dust	---	80 TPD
c.	Quantity recycled or reutilized within the unit	---	---	---

PART - F

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

1. Char/ Dolochar is being utilized as fuel in FBC based power plant.
2. kiln accretion is being utilized for back filling
3. Fly ash is given to nearby cement grinding unit and sister concern ash based brick making unit.

PART - G

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

WHRB based power plant and FBC based power plant has positive impact on cost of production and also reduce the cost of fuel for generation of power.

PART - H

Additional measures/investment proposal for environmental protection including abatement of pollution.

Nil

PART - I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

1. All the internal Road is asphalted so as to reduce fugitive emission.
2. Good greenery within plant premises is maintained.
3. Water spraying and dust suppression system is installed within plant premises.