

BCPP/ENVT/A-09/2024/324

26<sup>th</sup> September 2024

To,  
The Member Secretary,  
Head Office, Chhattisgarh Environment Conservation Board,  
Paryavas Bhawan, North Block, Sector-19,  
Naya - RAIPUR (C.G.).

**Sub:** Environment Statement of BCPP (270MW) for the financial year 2023-2024.

---


Dear Sir,

With reference to the captioned subject, we, on behalf of Bharat Aluminium Company Limited, are enclosing the Environment Statement for BALCO Captive Power Plant (270 MW), Korba for the financial year 2023-2024 in the prescribed Form - V under Rule 14 of the Environment (Protection) Rules, 1986 and the relevant provisions of the Environment (Protection) Act -1986. We also would like to inform you that **the 270 MW Power Plant was under temporary shut down during 2023-2024.**

Kindly acknowledge receipt of the same.

Thanking you,

Yours truly,

  
Ashutosh Dwivedi  
COO-Power

Encls: - a/a

**Copy to:** Regional Officer, CECB, Korba

**FORM- V**  
**(See Rule-14)**

**ENVIRONMENTAL STATEMENT OF FOR THE FINANCIAL YEAR 2023-2024**

**PART – A**

1. Name & address of the owner/  
occupier of the industry operation  
or process : **Mr. Rajesh Kumar**  
**CEO & Director (BALCO)**  
(270 MW Power Plant)  
Bharat Aluminium Company Limited Korba –  
495684 (Chhattisgarh)
2. Industry category : Primary  
primary/Secondary (STD Code)
3. Production Capacity : 270 MW (4 x 67.5) Power
4. Year of establishment : 1987
5. Date of last Environment Statement : 28<sup>th</sup> September 2023  
Submitted

**PART- B**

**WATER & RAW MATERIAL CONSUMPTION**

**(i) Water Consumption in m<sup>3</sup>/day:**

Process : 0 m<sup>3</sup>/day (Plant under temporary shutdown from Dec-2015)  
Cooling : 0 m<sup>3</sup>/day (Plant under temporary shutdown from Dec-2015)  
Domestic : 10 m<sup>3</sup>/day

Power Generation : NIL

Name of the Product	WATER CONSUMPTION PER UNIT OF PRODUCT OUTPUT	
	During the financial year 2022-23	During the financial year 2023-24
POWER	NIL	NIL

NAME OF RAW MATERIAL	NAME OF PRODUCT	CONSUMPTION OF RAW MATERIAL PER UNIT OF OUTPUT	
		During financial Year 2022-23	During financial Year 2023-24
COAL	POWER	NIL	NIL
HFO	POWER	NIL	NIL

POLLUTANT	QTY. OF POLLUTANT DISCHARGED (Kg / day)	CONC. OF POLLUTANTS In Discharge (Mg/Lit)
<b>a) WATER</b> i) Suspended Solids ii) B.O.D. iii) C.O.D. iv) Chloride	Zero Discharge	Zero Discharge
<b>b) AIR</b> i) Suspended Particulate matter	NA	NA

Hazardous wastes	TOTAL QUANTITY GENERATED (TONNES)	
	During the financial year 2022-23	During the financial year 2023-24
From process	Used/ Spent Oil- NIL Used Batteries- NIL Residue Containing Oil- NIL	Used/ Spent Oil- NIL Used Batteries- NIL Residue Containing Oil- NIL
From pollution Control facilities	No Hazardous Waste Generated, as plant is under temp shutdown since December 2015	

**PART - E**  
**SOLID WASTES**

Details	TOTAL QUANTITY (MT)	
	During the financial year 2022-23	During the financial year 2023-24
a) From process (coal mill reject)	0	0
b) From Pollution Control facility (Ash)	0	0
c) (1) Quantity recycled on reutilization within the Unit		
(i) Coal Mill Reject	0	0
(ii) Ash	0	0
(2) Sold		
Mill reject	0	0
Ash	0	0
(3) Disposed		
Mill reject	0	0
Ash	0	0

**PART-F**

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

- No waste/used oil has been generated during 2023-24, as the plant is under temporary shutdown since December 2015.
- No ash has been generated during 2023-24 as the plant is under temporary shutdown since December 2015.

Ash generated has the following composition: -

Sl No.	Constituents	Unit	%
1	NA	NA	NA

**PART – G**

***Impact of pollution control measures on conservation of natural sources and consequently on the cost of production.***

There have been no emissions in any form from the power plant due to any operation and maintenance activities as the power plant is under temporary shutdown since December 2015.

#### **PART-H**

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

ESP of unit # 1 & 2 of CPP 270 MW has been upgraded with addition of one field. We have laid down pipeline and started recycling of water from ash dyke. However the plant is under temporary shutdown since December 2015.

Following are the expenditure incurred towards Environment Protection:

<b>S. No.</b>	<b>Activity</b>	<b>Cost (Rs)</b>
1	NA	NA

#### **PART- I**

##### **Miscellaneous**

***Any other practices in respect of environment protection and abatement of pollution***

The plant is under temporary shutdown since December 2015.