

CHOTIA /ENVT/B-01/2019/ 337

26<sup>th</sup> September 2019

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

**Sub:** Environment Statement of Captive Coal Mining (For Mining of Coal) Chotia I for  
the financial year 2018-19

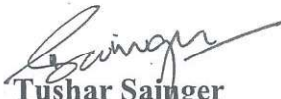
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Respected Sir,

With reference to the captioned subject we are enclosing the Environment Statement for  
Captive Coal Mining (For Mining of Coal) Chotia I for the financial year 2018-19 in the  
prescribed Form - V under Section 6 and 25 of the Environment (Protection) Act -1986.

Thanking you,

Yours truly,

  
**Tushar Sainger**  
Authorized Signatory

Encls: - a/a

Copy to: Regional Officer, CECB, Korba



**FORM – V**

**See Rule 14**

**Environmental statement for the financial year ending on 31<sup>st</sup> March 2019**

**PART – A**

- i) Name and address of the mine: **Chotia Coal Mines  
Bharat Aluminium Co. Ltd.  
Village – Chotia, PO - Madai  
Tehsil -Podi Uprodha  
Korba (CG)**
- ii) Industry category Primary (SIC Code) or Secondary (SIC Code) **Primary**
- iii) Production capacity units: **1 Million Tonne/Year (Coal)**
- iv) Year of establishment: **1<sup>st</sup> April 2015 (Chotia Mine has been vested to BALCO from 1<sup>st</sup> April 2015)**
- v) Date of the last Environmental statement submitted: **28<sup>th</sup> September 2018**

**PART – B**

**WATER AND RAW MATERIAL CONSUMPTION**

i) Water consumption in Kiloliters per day (KLD)

Spraying: Nil (Mine was not in operation during 2018-19)  
Domestic:

Name of product	Process water consumption per product output	
	During the financial year 2017-18	During the financial year 2018-19
Coal	NA	NA

(ii) Raw Material Consumption:

Name of Raw Material	UoM	Consumption of Raw Materials per unit of product	
		During the financial year 2017-18	During the financial year 2018-19
Prime Cartridges	Kgs	Nil	Nil
Cast Booster	Kgs	Nil	Nil
Electric Detonator	Nos	Nil	Nil
Detonating Fuse	Meters	Nil	Nil
Bulk Explosives	MT	Nil	Nil

### PART – C

#### POLLUTANT DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT

(Parameters as specified in the consent issued)

Pollutants (Including Mine & Colony discharge of water)	Quantity of pollutants Discharged	Concentrations of pollutants in Discharge	% of variation from prescribed standards with reasons
Air	-	-	Within norms
Water (Surface)	-	-	Within norms
Water (Ground)	-	-	Within norms
Noise	-	-	Within norms

### PART – D

(Hazardous Waste)

As specified under Hazardous Waste Management Handling rule

Hazardous Waste	Total quantity (in MT/Litres)	
	During the financial year 2017-18	During the current financial year 2018-19
a) From process b) From pollution Control facility	Nil	Nil

## PART – E

### SOLID WASTES

Removal of Overburden	Total quantity	
	During the financial year 2017-18	During the financial year 2018-19
i) Total O.B.	Nil (Mine was not in operation during 2017-18)	Nil (Mine was not in operation during 2018-19)
ii) Total O.B. for back filling		
iii) Total O.B. disposed		

## PART – F

**PLEASE SPECIFY THE CHARACTERISATION (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICES ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.**

Coal from Chotia Coal Mine was/will be used for its captive use at 600 MW Power Plant of BALCO. Conventional drilling & blasting method was/will be adopted for excavation of overburden which comprises mostly of shale and sandstone followed by extraction of coal. The void thus created due to mining activity was/will be backfilled, leveled and then covered with a layer of top soil followed by large scale plantation/ vegetation for biological reclamation.

Hazardous waste generated was/will be disposed of in the manner prescribed in the authorization obtained under Hazardous Waste (Management, Handling and Transboundary Movement Rules)

## PART – G

**IMPACT OF THE POLLUTION ABATEMENT MEASURE TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION**

Mine was not in operation during 2018-19.

## **PART – H**

### **ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION, PREVENTION OF POLLUTION.**

Mine was not in operation during 2018-19.

## **PART – I**

### **ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT**

A total of 28000 saplings were planted during FY 2018-19.