

CHOTIA /ENVVT/B-01/2023/235

28th September 2023

To,
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 Mine (For Mining of Coal) Chotia-I for
the Financial Year 2022-23.

Respected Sir,

With reference to the captioned subject please find enclosed the Environment Statement for Captive Coal Mine (For Mining of Coal) Chotia I for the Financial Year 2022-23 in the prescribed Form - V under Rule 14 of the Environment (Protection) Rules, 1986 and the relevant provisions of the Environment (Protection) Act, 1986.

Thanking you,

Yours truly,

 **Head**
Chotia Coal Mines
Bharat Aluminium Co. Ltd.
Authorized Signatory
BALCO-Mines

Encls: - a/a

Copy to: Regional Officer, CECB, Korba

FORM – V

See Rule 14

Environmental statement for the financial year ending on 31st March 2023

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: **0.75 Million Tonne/Year (Coal)**
- iv) Year of establishment: **1st April 2015 (Chotia Mine has been vested to BALCO from 1st April 2015)**
- v) Date of the last Environmental statement submitted: **30th September 2022**

PART – B

WATER AND RAW MATERIAL CONSUMPTION

i) Water consumption in Kiloliters per day (KLD)

Spraying: Nil (Mine was not in operation during 2022-23)
Domestic:

Name of product	Process water consumption per product output	
	During the financial year 2021-22	During the financial year 2022-23
Coal	NA	NA

(ii) Raw Material Consumption:

Name of Raw Material	UoM	Consumption of Raw Materials per unit of product	
		During the financial year 2021-22	During the financial year 2022-23
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 2021-22	During the current financial year 2022-23
a) From process b) From pollution Control facility	Nil	Nil

PART – E

SOLID WASTES

Removal of Overburden	Total quantity	
	During the financial year 2021-22	During the financial year 2022-23
i) Total O.B.	Nil (Mine was not in operation during 2021-22)	Nil (Mine was not in operation during 2022-23)
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 are used for its captive use at Power Plants 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 is disposed off 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 2022-23.

PART – H

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

Mine was not in operation during 2022-23.

PART – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT

Mines was not in operation during the FY 2022-23