



Ref: HIL/LHD/ENV/JSPCB/316

Date: 25.09.2025

To,
The Member Secretary,
Jharkhand State Pollution Control Board
TA building, Ground floor
HEC Complex, PO Dhurwa
Ranchi-834003

Sub: Submission of Environment Statement Report for Bagru Bauxite Mines (Area-75.41 ha) of M/s Hindalco Industries Limited, Lohardaga for the financial year 2024-25.

Dear Sir,

This has reference to Rule 14 of Environment Protection Act 1986. we are submitting herewith the Environment Statement Report in the prescribed **Form-V** for Bagru Bauxite Mines (75.41 ha) of M/s Hindalco Industries Limited, Lohardaga for the financial year 2024-2025.

Kindly acknowledge receipt for the same.

Thanking you,

Yours faithfully,
For **M/s Hindalco Industries Limited**

Anand Tiwari
Assistant Manager (Environment & Compliance)

Encl: As Above

CC: -

1. The Regional Officer, Jharkhand State Pollution Board, Dhurwa, Ranchi
2. The Deputy Director General of Forest (C), MoEFCC, Integrated Regional Office, Ranchi

FORM-V
(See rule 14)

Environment Statement for the financial year ending the 31st March 2025

PART-A

(i)	Name & address of the owners/occupier of the industry/operation / process	Bagru Bauxite Mines (75.41 ha) M/s Hindalco Industries Limited, Lohardaga -835302, Jharkhand
(ii)	Industry Category: Primary (STC code), Secondary (SIC code)	-
(iii)	Production Capacity	0.85 LTPA (Bauxite)
(iv)	Year of establishment	1948
(v)	Date of last environmental statement submitted	26-09-2024

PART-B

Water & Raw Material Consumption

(i) Water Consumption (m³/day):

Process	Nil
Industrial (Sprinkling for Dust Suppression, etc.)	Nil
Domestic (Drinking & Other)	Nil

Process: As the operation is mining of bauxite by the opencast method with shallow depth, therefore, water is not required in this mining process.

Remarks: No mining operation has been carried during the above period.

Name of Products	Process water consumption per unit of product output	
	During the previous financial year (2023 -24)	During the current financial year (2024-25)
Bauxite	Nil	Nil

Bauxite is a natural product. As such, no water is required in the mining process.

(ii) Raw Material Consumption

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2023-24)	During the current financial year (2024-25)
Not Applicable	Bauxite	Nil	Nil

Bauxite is a natural product, and it is produced by heavy-duty mining machinery. As such, no raw material is required in this mining process.

PART-C

**Pollutants discharge to environment/unit of output.
(Parameters as specified in the consent issued)**

Pollutants	Quality of pollutants discharged (mass/day)	Concentrations of pollutants discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	No wastewater is generated from our mining operation.		Not applicable
(b) Air	Air monitoring is being carried out regularly, and reports of the same are timely submitted to your good office.		Not applicable

Remarks: The Monitoring results are well within prescribed limit.

PART-D

HAZARDOUS WASTE

(As specified under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016)

Hazardous wastes	Total Quantity (Litre)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From process: Operation of Machines (Used/Spent Oil)	Nil	Nil
(b) From pollution control facilities	Not applicable	Not applicable

Remarks: No mining operation has been carried during the above period.

PART-E

Solid Wastes

Solid wastes	Total Quantity (m ³)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From process: Overburden (OB)	Nil	Nil
(b) Form pollution Control facility	Nil	Nil
(c) (1) Quantity recycled or re-utilized within the unit.	Nil	Nil
(2) Sold	Nil	Nil
(3) Disposed	Nil	Nil

Remarks: No mining operation has been carried during the above period.

PART-F

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

- **Hazardous Waste:** Nil, as no mining operations were carried out during the above period.
- **Solid waste:** Nil, as no mining operations were carried out during the above period.

PART-G

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

- Plantation programme has been carried out along the periphery of the premises. Till now 32.05 Ha areas are already planted.

PART-H

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

The plantation program and biodiversity growth activities will continue in the years to come.

PART-I

Any other particulars for improving the quality of the environment.

The Bagru Bauxite Mine (75.41 Ha) comes under Hindalco Mines Division, Lohardaga, which is an ISO 14001:2015, ISO 9001:2008, and ISO 45001:2018, certified company. Operating under a QEHS (Quality, Environment, Occupational Health & Safety) management system, all necessary measures are taken to conserve and improve the natural environment at all sites. The QEHS management system is implemented at all Hindalco Mines, with operational control procedures in place to prevent and control pollution.

Environmental awareness and training programs are conducted to educate people on the importance of protecting the environment.