

REGISTERED AD

HZL/BKM/ENV/Form-V/2024-25/

March 14<sup>th</sup>, 2026

To,  
**The Member Secretary,**  
Rajasthan State Pollution Control Board,  
4, Institutional Area,  
Jhalana Doongri,  
**Jaipur (Rajasthan) -302004.**

**Sub.:** Environmental Statement (Form-V) for the year 2024-25 of Hindustan Zinc Ltd, Bamania Kalan Mine.

**Ref.:** (i) CTO vide no. F(Mines)/Rajsamand(Railmagra)/1731(1)/2023-2024/7719-7723 dtd 27/03/2024  
(ii) CTE vide no. F(Mines)/Rajsamand(Railmagra)/1731(1)/2023-2024/6950-6954 dtd 07.02.2024  
(iv) EC vide no. J-11015/455/2007/-IA.II(M) dtd 11.05.2011

Sir,

With reference to above subject please find enclosed Environmental Statement (Form-V) for FY 2024-25 of Bamania Kalan Mine located at Sindesar Khurd Village, Railmagra Tehsil, Rajsamand District, Rajasthan.

Thanking You,  
Yours Faithfully,



Dr. Sandeep K.R. Rajput  
Unit Head  
Bamania Kalan, HZL

**AGENT & UNIT HEAD**  
**BAMNIA KALAN LEAD ZINC MINE-75253167**  
**HINDUSTAN ZINC LIMITED**  
**P.O. DARIBA DISTT. RAJSAMAND**  
**RAJASTHAN PIN -313211**

- Cc: 1. The Regional Officer,  
Rajasthan State Pollution Control Board,  
Old Building of District Excise Office,  
Kalawati, Rajnagar, Rajsamand-311001.
2. The Director,  
Ministry of Environment and Forests,  
5<sup>th</sup> Floor, Kendriya Bhawan,  
Sector H – Aliganj, Lucknow – 226024.

✓ Office copy

**ENVIRONMENTAL STATEMENT  
FOR THE YEAR 2024-25**



**HINDUSTAN ZINC LIMITED  
BAMANIA KALAN MINE**

**Prepared & Submitted By:**

**HINDUSTAN ZINC LIMITED  
BAMANIA KALAN MINE  
VILLAGE- BAMANIA KALAN, TEHSIL- RAILMAGRA  
P.O. - DARIBA, DISTRICT - RAJASMAND - 313211  
RAJASTHAN**

**Form -V (Environmental Statement)**

**For the Financial Year Ending the 31<sup>st</sup> March 2025**

**PART - A**

|       |  |   |  |
|-------|--|---|--|
| (i)   | Name and address of the owner/occupier of the industry operation or process<br><br>Name and address of Unit Head | : | Arun Misra<br>CEO & Whole Time Director<br>M/s. Hindustan Zinc Limited<br>Yashad Bhawan,<br>Udaipur 313001.<br><br>Sandeep Kr. Rajput<br>Unit Head, Bamania Kalan,<br>Hindustan Zinc Limited,<br>P.O.- Dariba, Tehsil- Relmagra,<br>Dist. – Rajsamand,<br>Rajasthan – 313211 |
| (ii)  | Industry category  | : | Red/ Large   |
|       | Primary – (STC Code)   | : | GSTIN No.: 08AAACH7354K1ZB   |
|       | Secondary- (SIC Code)  | : | Not Applicable   |
| (iii) | Production Capacity  | : | 0.12 Million Tons Per Annum<br>(Lead- Zinc Ore Production)   |
| (iv)  | Year of Establishment  | : | --   |
| (v)   | Date of Last Environmental Statement Submitted   | : | --   |

**PART -B**

**WATER AND RAW MATERIAL CONSUMPTION**

No water and raw material consumption is done for the period as the mine is still in project phase.

**PART-C**

**POLLUTION DISCHARGED TO ENVIRONMENT/ UNIT OF OUTPUT**  
(Parameter as specified in the consent issued)

No discharge is done for the period as the mine is still in project phase.

**PART-D**

Environmental Statement 2024-25

**HAZARDOUS WASTES:**

[As specified under Hazardous Wastes (Management, Handling & Transboundary Movement Rules, 2008)]

No hazardous waste is generated yet as the mine is still in project phase.

**PART-E**

**SOLID WASTE:**

| Solid Waste      | Total quantity generated during the year |
|------------------|--|
|                  | During the Financial Year (2024-25)      |
| (a) From process |  |
| Waste Rock       | 92559.79 M3                              |

**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 the categories of wastes.

**Details of Solid Wastes and Its Disposal Method:**

| Sr No | Name of Waste | Chemical Characteristics  | Quantity Generation/ Annum (MT) | Mode of Storage                          | Mode of Disposal |
|-------|---------------|---|---------------------------------|--|------------------|
| 2     | Waste Rock    | Zn: 0.01 to 0.03%, Pb: 0.05 to 0.07%, Fe: 2.5 to 5.5%, SiO <sub>2</sub> : 30-35%, Graphite (C): 1.5 to 2.5% | 92559.79 MT                     | Stored in designated waste storage yard. | --               |

**Details of Hazardous Wastes & Its Disposal Method:**

No Hazardous is being generated currently as the mine is still in project phase.

**PART-G**

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

Our aim is to preserve the long- term health of the natural environment affected by our operations. We set and achieve targets that promote efficient use of resources and include the reduction and prevention pollution.

**Air Quality Management:**

- Water sprinkling is ensured during the project phase wherever there is possibility of dust emission.
- More projects will be taken to ensure the reduction of emissions as and when required.

**Water Management:**

- Water conservation projects have been done by deepening of water ponds from nearby villages.
- More projects will be taken to strengthen water management as and when required.

**Waste Management:**

We have adopted '4R' waste strategy - Reduce, Recycle, Reuse and Reclaim policy in our mines. Following action are being ensure for the same.

Waste rock generated during the project phase is stored at earmarked site and will be used to fill the mining voids.

**Noise Management:**

- All vehicles and machinery are periodically maintained as per OEM to ensure noise level within permissible limits.
- PPEs (Ear plug & Earmuff) are provided.
- More projects will be taken to strengthen noise management as and when required.

**PART-H**

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

Mine is still in project phase. Projects will be taken to improve the quality of the environment as and when required.

**PART - I**

**Any other particular for improving the quality of the environment.**

Mine is still in project phase. Projects will be carried out to improve the quality of the environment as and when required.

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