

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/RJS-/LEADZINC-003

**Mine code :** 34RAJ27007

- (i) Name of the Inspecting : **DJ03** ) **DILIP JAIN**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri Sanjay Kumar, Mine Agent, Sri Vikesh Raguvanshi,  
Official with  
Designation
- (iv) Date of Inspection : 06-JUL-23
- (v) Prev.inspection date : 02-MAY-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BAMANIYAKALAN (39/83)**
- (b) **Registration NO.** : **IBM/421/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Underground
- (e) Postal address
- State : RAJASTHAN
- District : RAJSAMAND
- Village : Bamaniyakalan
- Taluka : Railmagra
- Post office : Dariba
- Pin Code : 313211
- FAX No. : 0294-2412545
- E-mail : arun.mishra@vedanta.co.in
- Phone : 0294- 2421420
- (f) Police Station : Railmagra
- (g) First opening date : 30-OCT-85
- (h) Weekly day of rest : SUN
2. Address for : Bamnia Kalan  
correspondance Post-Dariba  
Tehsil- Railmagra Distt-Rajsamand-313211
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : LEAD & ZINC ORE Main

## 5. Name and Address of the

Lessee : HINDUSTAN ZINC LTD.  
 HINDUSTAN ZINC LTD. YASHAD  
 BHAWAN YASHADGARH, UDAIPUR  
 UDAIPUR RAJASTHAN  
 Phone:01483-23331, 23332  
 FAX :01483-23073

Owner : Mr. Arun Mishra  
 M/s Hindustan Zinc Ltd.  
 Yeshad Bhawan,yashadgarh,  
 P.O.Udaipur, UDAIPUR  
 RAJASTHAN  
 Phone: 0294-2427734  
 FAX : 0294-2427734

Agent : Sanjay Kumar  
 D-14, Vedanta Vihar Dariba,  
 Rajsamand RAJSAMAND  
 RAJASTHAN  
 Phone:  
 FAX :

Mining Engineer  
 Name : Vinoth Kannan S,Full Time  
 Qualification : BE Mining  
 Appointment/ : 19-JUN-19 13-MAR-23  
 Termination date

Mining Engineer  
 Name : Sanjay Kumar,Full Time  
 Qualification : BE Mining  
 Appointment/ : 14-MAR-23  
 Termination date

Geologist  
 Name : Vikesh Raghuvanshi,Full Time  
 Qualification : M. Sc. Geology  
 Appointment/ : 19-JUN-19  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 27-APR-07

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

| Sl.No. | Item  | Proposals  | Actual work                                   | Remarks   |
|--------|---|--|---|---|
| 1a     | Backlog of previous year  | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter no MP/RMP has been approved. Hence, no proposal of exploration for previous and reporting year 2022-23. | Not applicable as no proposal of exploration. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 1b     | Exploration over lease area for geological axis 1 or 2              | No proposal of exploration for reporting year (RY) 2022-23.  | No exploration during RY.                     | NIL   |
| 1c     | Exploration Agencies and Expenditure in lakh rupees during the year | Not applicable as no proposal of exploration.  | Not applicable as no proposal of exploration. | NIL.  |
| 1d     | Balance area to be explored to bring Geological axis in 1 or 2      | Not applicable as no proposal of exploration.  | Not applicable.                               | NIL.  |
| 1e     | Balance reserve as on 01/04/20                                      | Not applicable as no valid MP/RMP for RY.  | Not applicable.                               | NIL   |
| 1f     | General remarks of inspecting officers on geology, exploration etc  | No proposal of exploration for reporting year 2022-23.   | Not applicable as no proposal of exploration. | No comments as no proposal of exploration during reporting year 2022-23.  |

## Development :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

|    |   |  |                                |   |
|----|---|--|--------------------------------|---|
| 2a | Location of development w.r.t. lease area   | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of development for reporting year 2022-23. | No development work during RY. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15)                          | Not applicable as no valid MP/RMP for RY.  | Not applicable.                | NIL.  |
| 2c | Stripping ratio or ore to OB ratio  | Not applicable as no valid MP/RMP for RY.  | Not applicable.                | NIL.  |
| 2d | Quantity of topsoil generation in m3  | Not applicable as no valid MP/RMP for RY.  | Not applicable.                | NIL.  |
| 2e | Quantity of overburden generation in m3   | Not applicable as no valid MP/RMP for RY.  | Not applicable.                | NIL.  |
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | Not applicable as no valid MP/RMP for RY.  | Not applicable.                | No comments as no valid proposal of development during reporting year 2022-23.  |

### Exploitation:

| Sl.No. | Item                                  | Propasals   | Actual work                                    | Remarks   |
|--------|---------------------------------------|---|--|---|
| 3a     | Number of pit proposed for production | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of exploitation for reporting year 2022-23. | Not applicable as no proposal of exploitation. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |

|    |  |  |                                |     |
|----|--|--|--------------------------------|-----|
| 3b | Quantity of ROM mineral production proposed  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3c | Recovery of sailable/usable mineral from ROM production  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3d | Quantity of mineral reject generation  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3e | Grade of mineral rejects generation and threshold value declared.                                    | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3f | Quantity of sub grade mineral generation.  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3g | Grade of sub grade mineral generation  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3h | Manual / Mechanised method adopted for segregating from ROM  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.      | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3j | Provision of drilling and blasting in mineral benches  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3k | Provision of mining machineries in mineral benches   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |
| 3m | Total area covered under excavation/pits   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL |

|    |  |  |                                |   |
|----|--|--|--------------------------------|---|
| 3n | Ore to OB ratio for the pit/mine during the year.                        | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL   |
| 3o | Total area put in use under different heads at the end of year           | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL   |
| 3p | Production of ROM mineral during the last five year period as applicable | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL   |
| 3q | General remarks of inspecting officers on method of mining etc.          | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | No comments as no valid proposal of exploitation during reporting year 2022-23. |

#### Solid Waste Management - Dumping:

| Sl.No. | Item   | Propasals  | Actual work   | Remarks   |
|--------|--|--|---|---|
| 4a     | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of waste generation and disposal for reporting year 2022-23. | Not applicable as no proposal of waste generation and disposal. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 4b     | Location of topsoil, OB and mineral reject dumps                 | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal.                                  | NIL   |
| 4c     | Number of dumps within lease area and outside of lease area      | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal.                                  | NIL   |
| 4d     | Location of dumps w.r.t. ultimate pit limit (Rule 16)            | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal.                                  | NIL   |
| 4e     | Number of active and alive dumps.                                | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal.                                  | NIL   |

|    |  |  |                                |  |
|----|--|--|--------------------------------|--|
| 4f | Number of dead dumps.  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL  |
| 4g | Number of dumps established.                                       | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL  |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL  |
| 4i | Length of Retaining wall or garland drain all along dumps          | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL  |
| 4j | Number of settling ponds   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | NIL  |
| 4k | Specific comments of inspecting officer on waste dump management   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | No comments as no valid proposal of waste generation and disposal during reporting year 2022-23. |

#### Solid Waste Management - Backfilling:

| Sl.No. | Item  | Proposals  | Actual work                    | Remarks   |
|--------|---|--|--------------------------------|---|
| 5a     | Status of part or full extraction of mineral from mined out area before starting backfilling. | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of backfilling for reporting year 2022-23. | Not applicable as no proposal. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 5b     | Area under backfilling of mined out area  | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal  | NIL   |
| 5c     | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)     | No proposal as no valid MP/RMP for RY.   | Not applicable as no proposal  | NIL   |

|    |  |  |                               |  |
|----|--|--|-------------------------------|--|
| 5d | Total area fully reclaimed and rehabilitated                               | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal | NIL  |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc. | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal | No comments as no valid proposal of backfilling during reporting year 2022-23. |

#### Progressive Mine Clousre Plan:

| Sl.No. | Item   | Propasals   | Actual work                            | Remarks   |
|--------|--|---|--|---|
| 6a     | Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2). | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of PMCP for reporting year 2022-23. | Not applicable as no proposal of PMCP. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 6b     | Area available for rehabilitation (ha) .                                     | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |
| 6c     | afforestation done (ha).   | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |
| 6d     | No. of saplings planted during the year                                      | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |
| 6e     | Cumulative no .of plants   | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |
| 6f     | Any other method of rehabilitation   | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |
| 6g     | Cost incurred on watch and care during the year                              | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal of PMCP. | NIL   |



|    |  |  |  |     |
|----|--|--|--|-----|
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings          | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area          | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir  | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.                   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6m | Compliance of rehabilitation of waste land within lease (i)afforestation                                   | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6n | Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)                       | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |
| 6o | Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation                      | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL |

|    |   |  |  |   |
|----|---|--|--|---|
| 6p | Compliance of environmental monitoring (core zone and buffer zone)                                | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | NIL   |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal of PMCP. | No comments as no valid proposal of PMCP during reporting year 2022-23. |

### Mineral Conservation:

| Sl.No. | Item   | Propasals   | Actual work                    | Remarks   |
|--------|--|---|--------------------------------|---|
| 7a     | ROM Mineral dispatch or grade-wise sorting within lease area                           | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal of grade wise sorting for reporting year 2022-23. | Not applicable as no proposal. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 7b     | Method of grade-wise mineral sorting i.e. manual or mechanical.                        | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 7c     | Different grade of mineral sorted out at mines.  | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 7d     | Any beneficiation process at mines   | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 7e     | General remarks of inspecting officer on Mineral conservation and beneficiation issues | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | No comments as no valid proposal of mineral conservation and beneficiation during reporting year 2022-23.                                   |

## Environment:

| Sl.No. | Item  | Propasals   | Actual work                    | Remarks   |
|--------|---|---|--------------------------------|---|
| 8a     | Separate removal and utilization of topsoil (Rule 32)   | The Mining Plan approved on dated 27/04/2007 was valid for the period 2007-08 to 2012-13. Thereafter, no MP/RMP has been approved. Hence, no proposal for reporting year 2022-23. | Not applicable as no proposal. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 8b     | Concurrent use or storage of topsoil  | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8c     | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                                      | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8d     | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8e     | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8f     | Baseline information on existence of plantation and additional plantation done (Rule 41)                    | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8g     | Survival rate   | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |
| 8h     | Water sprinkling on roads to control airborne dust  | No proposal as no valid MP/RMP for RY.  | Not applicable as no proposal. | NIL   |

|    |  |  |                                |  |
|----|--|--|--------------------------------|--|
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area | No proposal as no valid MP/RMP for RY. | Not applicable as no proposal. | The aesthetic beauty around and in the lease area is satisfactory. |
|----|--|--|--------------------------------|--|

#### Compliance of Rule 45:

| Sl.No. | Item  | Propasals  | Actual work  | Remarks   |
|--------|---|--|--|---|
| 9a     | Status of submission of Monthly and Annual returns  | Monthly and annual return need to be submitted by lessee.  | Monthly and annual return for the reporting year has been submitted by the party. No mineral production since the grant of the Mining Lease. | DMG Rajasthan written a letter to Addition Chief Secretary, Government of Rajasthan vide letter dated 18/07/2023 to declare lease as lapse. |
| 9b     | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | Information of mining engineer and geologist is furnished. | Mining engineer and geologist is appointed.  | NIL   |
| 9c     | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | NIL or 0 has been furnished under land use pattern.        | Information furnished is found in order as no mining and allied activity in lease area.  | NIL   |
| 9d     | Scrutiny of Annual return on afforestation  | NIL within and out side of the lease area.                 | Information furnished is found in order.   | NIL.  |
| 9e     | Scrutiny of Annual return on mineral reject generation (Grade and quantity)                   | Mineral Reject generation: NIL                             | Information furnished is found in order as no mining and allied activity in lease area.  | NIL   |
| 9f     | Scrutiny of Annual return on ROM stock and/or graded ore                                      | ROM Stock and/or Graded ore: NIL                           | Information furnished is found in order.   | NIL   |
| 9g     | Scrutiny of Annual return on sale value, Ex. Mine price and production cost                   | Ex. Mine price and cost of production: NIL                 | Information furnished is found in order.   | NIL   |

|    |   |   |  |      |
|----|---|---|--|------|
| 9h | Scrutiny of Annual return on fixed assets       | Value of Fixed Assets: Rs. 471133910.00 | The value of fixed asset furnished appears in order. | NIL. |
| 9k | Scrutiny of Annual return on mining machineries | Mining Machineries: NIL                 | Information furnished is found in order.             | NIL. |

---

**Details of violations observed during current inspection and compliance position of violation pointed out**

| Violation observed |                         | Show couse position |                         |
|--------------------|-------------------------|---------------------|-------------------------|
| Rule NO.           | Issued on Compliance on | Rule NO.            | Issued on Compliance on |
|                    |                         |                     |                         |

**Date :**

**(DILIP JAIN)**

Indian Bureau of Mines