

INSPECTION DATASHEET For The Year 2024-25

General

| S.N. | Particulars | Details |
|------|--|---|
| 1 | Name of the Mine | Salaiya Paharhai limestone Mine |
| | Date of Inspection: | 14/09/2024 |
| | Name of Inspecting Officer | Shri Raghubir Sharan Garg, ACOM |
| 2 | Total Lease Area (Ha) with breakup of Non-forest and forest land | 26.57 Hect. |
| 3 | Mine code | 38MPR18065 |
| 4 | IBM Registration Number under rule 45 of MCDR,1988 | Reg. No. IBM/11858/2012 |
| 5 | Last Inspection Details | Inspecting officer – Shri Abhishek Ranjan Gautam, AME Date of Inspection – 11/10/2023 Violation Point out – 11(1) & 34A(2) Compliance date –Both the rules i.e. rules 11(1) & 34A(2) complied on 12/12/2023. |
| 6 | Mine official present during the inspection | Shri Karan Grover, Sone of lessee and Shri Dipak Sinde, Foreman of the mine |
| 7 | Name of the Lease, Address, Phone, email and fax number | Lessee :- Smt Neetu Grover, Legal Heir and Nominated Owner Address : M/s Karam Chand Associates. Johri Gali, Civil Lines Katni (MP)483501 Email karamchandassociates@gmail.com M.No. 9893102223 Fax number-NA |
| 8 | Village | Salaiya Paharhai |
| 9 | Taluka/Mandal | vijayraghavgarh |
| 10 | District | Katni |
| 11 | Pin code | 483501 |
| 12 | State | Madhya Pradesh |
| 13 | Post Office | Salaiya Paharhai |
| 14 | Nearest Police Station | Kymore |
| 15 | Nearest Railway Station | Jhukehi |
| 16 | Date of Grant of Mining Lease | 05.05.1978 for 10 years period. |
| 17 | Date of Execution | 09.06.1978 -10 years lease period. Lease is valid upto 08/06/2028 with 50 years lease period |
| 18 | Date of opening of Mine | 09/06/1978 |
| 19 | Date of First Renewal, if applicable and its period & expiry | 12.12.1989 |
| 20 | Date of Second Renewal, if applicable and its period & expiry | 09.06.1998 |
| 21 | Date of submission of renewal application if Mining Operations are continuing under deemed extension | 11.09.2018 |
| 22 | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment | Mrs. Neetu Grover; Civil Lines, Katni (M.P.); Mo: 7999035156 Date of appointment 14/03/2023 |

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| | Name of the Mine Agent with Address, phone, email, fax number and date of appointment | Not appointed |
| 23 | Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines | Not appointed |
| 25 | Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine | Mr. Sulebhavikar Datta Yellappa;BE(Mining Eng.), M.No. 9420819175; suleda@yahoo.co.in ; Ponda Noth Goa; from 01.10.2023 |
| 26 | Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine | Shri Anand Raikwar, MSc(Geology) from 01.10.2023 |
| 27 | Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44. | Yes |
| 28 | Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any. | 1.06/01/1998(MP) Period 1997-98 to 2001-2002 2. 03/02/2021(MOD-MPLN)2020-21 to 2022-23 3. 09/05/2023(MOD-MPLN)2023-24 to 2027-28 |
| 29 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any. | 1.SOM approved on 29/09/2014 Proposal period-2014-15 to 2016-17 |
| 30 | Mineral(s) granted in lease and approved for Mining | Limestone |
| 31 | Method of Mining (Opencast, Underground) | Open cast |
| | Category (Fully Mechanized, Others or Manual) | Mechanised |
| | Captive/non-captive | Non-Captive |

Exploration

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|--|---|---|--|
| 1a | Backlog of previous year | 16 | Proposed exploratory work found not completed | Entire lease area 26.57 hect mineralized area was considered explored under G2 level at the time of approval of current Mod of MPLN. Accordingly, 16 boreholes were proposed against year 2023-24 which had not been carried out by the lessee upto year ending i.e. March,2024. However, Drill Rig was found on mine site for the drilling of proposed boreholes for which proper intimation in form I found submitted. Deviation pointed out through violation of rule 11(1) vide letter dated 19/09/2024. |
| 1b | Exploration over lease area for Geological axis 1 or 2. | Not proposed | Entire lease area was considered explored under G2 level based on exploration | |
| 1c | Exploration Agency & Expenditure in Lakh Rupees during the year | NOT proposed. | NOT applicable | |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2. | 26.57hect into G1 level | Not carried out. | |
| 1e | Balance reserves as on 01.04.2024 | 122-12140194MT | 122-12613604MT | |
| 1f | General remarks of Inspecting officer on geology, exploration etc. | Entire lease area had been considered under G2 level after carrying out of additional exploration in the recent past.For the conversion of entire mineralized area into G1 level proposed exploration work was found not completed till end of March,2024. However, Drill machine was found in the mine site for carrying out additional exploration. | | |

Development

| S.N . | Item | Proposals | Actual Work | Remarks |
|-------|--|--|--|---|
| 2a | Location of Development w.r.t. lease area | Proposed Development falls in all the four existing quarries namely Q.no.1,2,3&4. | Actual development accommodates almost mor or less part of all the existing four quarries. | |
| 2b | Separate benches in top soil overburden and mineral (Rule 15) | Pit ID Q1 to Q4-In all the pits - Four -four benches In Overburden of 6.0m height and Two-Two benches in mineral of 6.0m height. No top soil bench | OB and mineral benches found almost as per proposal | |
| 2c | Stripping ratio or ore to OB ratio | 1:0.32 | 1:2.83 | More development in comparisons to production |
| 2d | Quantity of topsoil generation in m ³ | 0 | 0 | |
| 2e | Quantity of overburden generation in m ³ | 272059cum | 1048240cum | |
| 2f | General remarks of Inspecting officer on development of pit w.r.t type of deposit etc. | Although, height and width of different benches in overburden found maintained as per proposal. Pit orientation observed as per approved proposals. Pit is found developed for achieving the envisaged production. | | |

Exploitation

| S.N . | Item | Proposals | Actual Work | Remarks |
|-------|---|--|---|--|
| 3a | Number of pits proposed for production | 01 | 01 | - |
| 3b | Quantity of ROM mineral production proposed (2023-24) | 843030.0TROM 843030.0TLimestone | ROM-369620 T LST -339236 T | There are difference of 25984T between reported ROM production and graded ore production Violation pointed out for the same through violation of 45(7) |
| 3c | Recovery of Salable/usable mineral from ROM production | 100% | 92% | -----do---- |
| 3d | Quantity of mineral reject generation | Nil | Nil | - |
| 3e | Grade of mineral reject generation and threshold value declared | Nil | Nil | - |
| 3f | Quantity of sub-grade mineral generation | Nil | Nil | - |
| 3g | Grade of sub-grade mineral generation | Nil | Nil | - |
| 3h | Manual/Mechanized method adopted for segregation from ROM | Mechanised Method proposed for segregation | Mechanised method adopted for segregation (screening) | - |

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|----|--|--|--|---|---|
| 3i | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject | Nil | | | |
| 3j | Provision of drilling & blasting in mineral benches | Proposed with (spacing X burden X depth of hole) 3.0mX2.5mX6.0m blasting pattern. | Drilling by Hydraulic drill with 110mmdia and blasting | | |
| 3k | Provision of mining machineries in mineral benches | Proposed | HEMM are being used in both, mineral as well as in OB benches for excavation and transportation. | | - |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Yes | As per proposal | | - |
| 3m | Total area covered under excavation /pits | 10.78Ha | 10.00 | This is a 44 years old M.L. area almost covered with the working. - | |
| 3n | Ore to OB ratio for the pit/mine during the year | 1:0.32 | 1:2.83 | - | |
| 3o | Total area put in use under different heads at the end of year | 20.10 ha | 14.0 ha | - | |
| 3p | Production of ROM mineral during the last five-year period as applicable | 2019-20 | | 0 | Mine was reopened in 10/09/2022 after a long halt and production was commenced since 10/09/2022 so production was on lower side |
| | | 2020-21 | | 0 | |
| | | 2021-22 | | 0 | |
| | | 2022-23 | 500940T | 51617T | |
| | | 2023-24 | 843030T | 369620 T | |
| 3q | General remarks of inspecting officer on method of mining etc blasting | Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination with hydraulic drilling of 110mm dia holes. | | | |

Solid Waste Management-Dumping

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|--|---------------------------------|-----------------------------------|---------|
| 4a | Separate dumping of top soil, OB & mineral reject (Rule 32,33) | Separate dumping of OB proposed | Separate dumping of OB maintained | |

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|----|---|--|---|-----|
| 4b | Location of topsoil, OB & mineral reject dumps | Top soil & OB dumps proposed on Southern portion Of the ML area. Near BP. No. 21,22 & 23 | As per proposal | - |
| 4c | Number of Dumps within lease area and outside lease area | Five existing dumps within the lease area & out side lease area- Nil | Five existing dumps present within the lease area outside lease area- Nil | |
| 4d | Location of Dumps w.r.t. ultimate pit limit (Rule 16) | Within UPL | Dump are located temporally in side the UPL | |
| 4e | Number of Active & Alive dumps | Active-2 Inactive- Nil | Active-2 Inactive- Nil | |
| 4f | Number of dead dumps | 3 | 3 | Nil |
| 4g | Number of dumps established | Nil | Nil | Nil |
| 4h | Whether Retaining wall or garland drain all along dumps are there | Proposed | Yes | |
| 4i | Length of Retaining wall or garland drain all along dump | 300m retaining wall and 300m garland drain | As per proposal | |
| 4j | Number of settling ponds | NA | NA | |
| 4k | Specific commends of inspecting officer on waste dump management | Only temporary dumping is proposed. The OB dump will be used for backfilling in the future | | |

Solid Waste Management-Backfilling

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|--|--|--|--------------------------------|
| 5a | Status on part or full extraction of mineral from mined out area before starting backfilling | 1600.00m ² | Backfilling of degraded 7.5m statutory barrier zone. | Nil |
| 5b | Area under backfilling of mined out area | 1600.00m ² | Backfilling of degraded 7.5m statutory barrier zone. | None |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32) | Not proposed | NA | Soil generation not envisaged. |
| 5d | Total area fully reclaimed & rehabilitated | Not Proposed | NA | Nil |
| 5e | General remarks of inspecting officer on backfilling, reclamation etc. | Area not matured for backfilling and reclamation | | |

Progressive Mine Closer Plan

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|------|-----------|-------------|---------|
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|----|--|--|---|---|
| 6a | Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20 | To be submitted before 1st July of every year | Not submitted yet. | Pointed out through violation of 45(7). |
| 6b | Management of worked/mined out benches | Nil | Nil | Nil |
| | i) Area available for rehabilitation (Ha) | Not proposed | No area is available for rehabilitation as no area fully mined out so for | - |
| | ii) Afforestation done (ha) | Not proposed | NA | |
| | iii) No. of saplings planted during the year | Not proposed | NA | |
| | iv) Cumulative no. of plants | Not proposed | NA | |
| | v) Any other specific method of rehabilitation | NA | NA | Nil |
| | vi) Cost incurred on watch & care during the year | Not proposed. | NA | Nil |
| 6c | Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means | Not proposed Not proposed Not proposed Not proposed Not proposed | NA NA NA NA NA | None |
| 6d | Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation | 690 No 0.345 plantation | 700 no. 0.345 Plantation | Green belt area. |
| 6e | Compliance of Environment monitoring (core zone & buffer zone) | Yes | Yes | Nil |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive closer operations | Periodic monitoring is being carried out by outsourced consultant. | | |

Mineral Conservation

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|--|--|---|---------|
| 7a | ROM mineral dispatch or grade wise sorting within lease area | Dispatch proposed without sorting and screening at mine site Dispatch quantity 843030T | ROM is being dispatched as per approved proposal Dispatch quantity 339236 T | Nil |

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|----|--|--|-----------------|-----|
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical | Not proposed | As per proposal | Nil |
| 7c | Different grade of mineral sort out at mine | Not specified. | Cement grade. | - |
| 7d | Any beneficiation process at mines | NA | Nil | Nil |
| 7e | General remarks of inspecting officer on Mineral conservation & beneficiation issues | There is no issue related with mineral conservation. | | |

Environment

| S.N. | Item | Proposals | Actual Work | Remarks |
|------|---|---|--|--|
| 8a | Separate removal and utilization of topsoil (Rule32) | Not Proposed | Not applicable as generation of top soil not envisaged. | Nil |
| 8b | Concurrent use or storage of topsoil | Not Proposed | As per proposal | Nil |
| 8c | Separate dumps for overburden waste rock, rejects and fines (Rule 33) | Yes, there are proposal for separate dumping of OB, waste rock | As per proposal | None |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | Not proposed. | As per proposal | Nil |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | Not Proposed | NA | Nil |
| 8f | Baseline information on existence of plantation & additional plantation done (Rule 41) | Not specified | Plantation done in the lease area but survived quantity is less. | |
| 8g | Survival rate | 80% | 70% | Nil |
| 8h | Water sprinkling on roads to control airborne dust | Water sprinkling is proposed by water tanker | Regular water sprinkling is done by water tanker | Water is required for dust suppression |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mine area | Aesthetic beauty in and around mine area is not much satisfactory as survival rate of plantation are not up to that extent as proposed. Hence, it was instructed to lessee at the time of inspection for close monitor survival rate of plantation. | | |

Compliance of Rule 45

| S.N | Item | Comments | Remarks |
|-----|---|--|--|
| 9a | Status of submission of monthly and Annual returns | MR upto Sep-24 and AR of 2023-24 have been found submitted | - |
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Name of the ME: Sanjay Sharma Geologist: Mr. Umakant Soni | Shri Sanjay, ME Sharma and Shri Umakant Soni, Geologist both had reportedly resigned from the co. |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Land use as per Annual return 2023-24 Currant working: 2.060 hect. OB/waste dump: 2.28 hect Occupied by plant .. etc. 0. hect Green Belt: 0.8 hect Used for mineral storage - 0.256 hect Progressive mine closure plan-0.160hect. | OK |
| 9d | Scrutiny of Annual return on Afforestation | Afforestation as per AR 700saplings planted in the lease area with survival rate of 70%. | Survival of plantation are on lower side. Advise rendered during inspection for effort for improvement of survival rate of plantation. |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & Quantity) | No any mineral reject generated during the year. | OK |
| 9f | Scrutiny of Annual return on ROM stock and/or grade ore | ROM closing stock - 5200T, LD grade 100T & Cement grade - 277309T | As per AR, 2023-24 |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production costs | Ex mine Price & sale value both are : Rs.426/76 per tone, Cost of production = Rs. 290/48per tone | In calculation of cost of production exploration cost for additional exploration, royalty, DMF& NMET amounts have not been taken into account properly. Deficiencies pointed out through 45(7) |
| 9i | Scrutiny of Annual return on Fixed assets | Fixed assets – Rs. 27017730/- | OK |
| 9k | Scrutiny of Annual return on mining Machineries | Hydraulic Shovel- 2(2cum bucket capacity) DUMPER - Twenty PUMPS (NON-ELEC.) - One | |

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- Details is given below:

1. Rule – 11(1) of MCDR 2017 dated 19/09/2024
2. Rule 31(4) of MCDR 2017 dated 19/09/2024
3. Rule 35 of MCDR 2017 dated 19/09/2024
4. Rule 45(7) of MCDR 2017 dated 19/09/2024

Date: 17/10/2024

Name:- Raghubir Sharan Garg

Designation: Assistant Controller of Mines