

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/SKR-15/LST-2

**Mine code :** 38RAJ23002

- (i) Name of the Inspecting : **G021** ) **D R GURJAR**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Mohan Lal Sharma, Owner's representative  
Official with  
Designation
- (iv) Date of Inspection : 10-FEB-22
- (v) Prev.inspection date : 15-JAN-18

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **RAMPURA**
- (b) **Registration NO.** : **IBM/7385/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : RAJASTHAN  
District : SIKAR  
Village : RAMPURA  
Taluka : NEEM-KA-THANA  
Post office : RAMPURA  
Pin Code : 332718  
FAX No. : 01574-202511  
E-mail : smgl.supreme@gmail.com  
Phone : 01574-202511
- (f) Police Station : PATAN
- (g) First opening date : 16-FEB-73
- (h) Weekly day of rest : SUN
2. Address for : ORIENTAL TALC PRODUCT PVT LTD  
correspondance : NEEM KA THANA, SIKAR
3. (a) Lease Number : RAJ0016
- (b) Lease area : 41.14
- (c) Period of lease : 50
- (d) Date of Expiry : 15-FEB-43
4. Mineral worked : LIMESTONE Associated  
DOLOMITE Main

## 5. Name and Address of the

Lessee : ORIENTAL TALC PRODUCT PVT LTD  
 SIKAR RAJASTHAN  
 Phone:  
 FAX :

Owner : ORIENTAL TALC PRODUCT PVT LTD  
 NEEM KA THANA, SIKAR  
 SIKAR RAJASTHAN  
 Phone:  
 FAX : 01574-282511

Agent : Saurabh Modi  
 D-46-B, Malviya Marg, C-  
 Scheme, Jaipur JAIPUR  
 RAJASTHAN  
 Phone:  
 FAX :

## Mining Engineer

Name : Lalit Kumar Sharma, Full Time  
 Qualification : BE Mining  
 Appointment/ : 01-FEB-22  
 Termination date

## Geologist

Name : Swapnil Choudhary, Full Time  
 Qualification : MSC Geology  
 Appointment/ : 01-FEB-22  
 Termination date

|                               |   |                                |           |
|-------------------------------|---|--------------------------------|-----------|
| 6. Date of approval of Mining | : | Renewal under rule 22 MCR1960  | 04-SEP-92 |
| Plan/Scheme of Mining         |   | Mining Scheme rule 12 MCDR1988 | 04-APR-03 |
|                               |   | Mining Scheme rule 12 MCDR1988 | 30-JUN-10 |
|                               |   | Renewal under rule 24 MCR1960  | 23-OCT-13 |
|                               |   | MP review under 17(1) MCR 2016 | 06-APR-18 |

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

## Exploration :

| Sl.No. | Item  | Proposals  | Actual work   | Remarks   |
|--------|---|--|---|---|
| 1a     | Backlog of previous year  | No backlog of previous year 2019-20.   | Not applicable.   | However exploration drilling was proposed by way of 08 bore holes(160m) during the year 2018-19 which has not been carried hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 01.04.2022.  |
| 1b     | Exploration over lease area for geological axis 1 or 2              | No exploration proposed during the year 2020-21.   | No exploratory work has been carried out during the year 2020-21. | However exploration drilling was proposed by way of 08 bore holes(160m) during the year 2018-19 which has not been carried hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 01.04.2022.  |
| 1c     | Exploration Agencies and Expenditure in lakh rupees during the year | No proposal during the year 2020-21.   | Not applicable  | Nil   |
| 1d     | Balance area to be explored to bring Geological axis in 1 or 2      | No specific proposal of exploration to bring Geological axis 1 or 2 during the year 2020-21. | No exploration work has been carried out during the year 2020-21. | Existing pit area 5.2 hect. is under G1 level. surrounding area of working pit was proposed to explore by way of drilling 08 bore holes during the year 2018-19, but proposed exploration drilling has not been carried out so far, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 01.04.2022. |

|    |  |  |   |   |
|----|--|--|---|---|
| 1e | Balance reserve as on 01/04/20                                     | The position of reserve as per approved mining plan (approved on 06.04.2018) 111-1215480 tonnes, 121-1022450 tonnes, | The position of reserve as on 01.04.2021 111-121380 tonnes, 121-1022450 tonnes, | Depletion of 100 tonne production of the year 2020-21.  |
| 1f | General remarks of inspecting officers on geology, exploration etc |  |   | However exploration drilling was proposed by way of 08 bore holes (160m) during the year 2018-19 which has not been carried hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 01.04.2022. |

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Development :

| Sl.No. | Item   | Proposals  | Actual work  | Remarks   |
|--------|--|--|--|---|
| 2a     | Location of development w.r.t. lease area                      | Pit no. 1 located in central part of the lease area.             | Pit no. 1 located in central part of the lease area.                       | Nil   |
| 2b     | Separate benches in topsoil, overburden and minerals (Rule 15) | No top soil benches proposed only OB & mineral benches proposed. | OB & mineral benches observed.   | During the inspection bench height in the excavated pit was found more than 10m or more at some places whereas proposal of 6m bench height was given in approved review of mining plan. Hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 2c     | Stripping ratio or ore to OB ratio                             | Year 2020-21: 9.01:1   | Year 2020-21: No OB reported during the year 2020-21, hence not calculated | Only 100 tonnes production reported during the year 2020-21, no OB generation reported.   |

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|----|---|--|--|---|
| 2d | Quantity of topsoil generation in m3  | No top soil generation proposal during the year 2020-21. | No top soil generated during the year 2020-21. | Nil   |
| 2e | Quantity of overburden generation in m3   | 2020-21: 1330 cum  | 2020-21: 0 cum                                 | No OB generation reported only 100 tonne production reported. |
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc |  |  | Mine development has been carried out on proposed location.   |

#### Exploitation:

| Sl.No. | Item  | Propasals  | Actual work                                       | Remarks |
|--------|---|--|---|---------|
| 3a     | Number of pit proposed for production                             | 01   | 01  | Nil     |
| 3b     | Quantity of ROM mineral production proposed                       | 2020-21: 31170 tonnes  | 2020-21: 100 tonnes                               | Nil     |
| 3c     | Recovery of sailable/usable mineral from ROM production           | 100%   | 100%  | Nil     |
| 3d     | Quantity of mineral reject generation                             | No mineral reject generation proposed                          | No mineral reject generation reported.            | Nil     |
| 3e     | Grade of mineral rejects generation and threshold value declared. | No mineral reject generation proposed during the year 2020-21. | No mineral reject generated hence not applicable. | Nil     |
| 3f     | Quantity of sub grade mineral generation.                         | No subgrade mineral generation proposal.                       | No subgrade mineral generated during the year.    | Nil     |
| 3g     | Grade of sub grade mineral generation                             | No subgrade mineral generation proposal.                       | No applicable                                     | Nil     |
| 3h     | Manual / Mechanised method adopted for segregating from ROM       | No such proposal given   | Not applicable                                    | Nil     |

|    |  |   |  |   |
|----|--|---|--|---|
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.      | No such proposal during the reporting year 2020-21.   | No analysis or beneficiation study has been carried out during the year 2020-21.       | Nil   |
| 3j | Provision of drilling and blasting in mineral benches  | Provision of Jackhammer drilling & blasting was proposed.   | As per proposal  | Nil   |
| 3k | Provision of mining machineries in mineral benches   | Manual mining proposed. Loading of mineral manually in tractor trolley or trucks.   | As per proposal  | Nil   |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | 6m bench height proposal given in approved mining plan.   | Bench height has not been maintained at some places.                                   | During the inspection bench height in the excavated pit was found more than 10m or more at some places whereas proposal of 6m bench height was given in approved review of mining plan, hence violation of Rule 11(1) of MCDR 2017 issued vide letter 01.04.2022. |
| 3m | Total area covered under excavation/pits   | As per approved review of mining plan, it is proposed that total 5.6 hect area will be used under excavation/pits at the end of year 2022-23. | 5.2 hect area under excavation/pit at the end of year 2020-21.                         | Nil   |
| 3n | Ore to OB ratio for the pit/mine during the year.  | Year 2020-21: 9.01:1  | Year 2020-21: No OB generation reported during the year 2020-21, hence not calculated. | Only 100 tonnes production reported during the year 2020-21, no OB generation reported.   |

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|----|--|--|--|---|
| 3o | Total area put in use under different heads at the end of year           | 8.65 hect area (At the end of year 202-23)   | 8.25 hect area at the end of year 2020-21.   | Figures as per submitted FMCP by the party & current inspection has been carried out for processing of FMCP as mining lease is going to expire on 15.02.2023. |
| 3p | Production of ROM mineral during the last five year period as applicable | 2016-17: 118800 tonnes,<br>2017-18: 119290 tonnes,<br>2018-19: 28080 tonnes,<br>2019-20: 30890 tonnes,<br>2020-21: 31170 tonnes,<br>2021-22: 31300 tonnes,<br>2019-20: | 2016-17: 4090 tonnes,<br>2017-18: 0 tonnes,<br>2018-19: 0 tonnes,<br>2019-20: 0 tonnes,<br>2020-21: 100 tonnes,<br>2021-22: 1860 tonnes, | Nil   |
| 3q | General remarks of inspecting officers on method of mining etc.          |  |  | Open cast mining method has been proposed & adopted which is best suited to the type of deposit.  |

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Solid Waste Management - Dumping:

| Sl.No. | Item   | Propasals   | Actual work  | Remarks   |
|--------|--|---|--|---|
| 4a     | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | No top soil & Mineral reject generation proposal, only OB dumping proposal given during the reporting year. | No top soil, OB & mineral reject reported during the year.                     | Nil   |
| 4b     | Location of topsoil, OB and mineral reject dumps                 | Only OB dump proposed towards south of existing pit along boundary pillar line HG.                          | No dumping carried out on proposed location during the reporting year 2020-21. | Existing one OB dump located partially within UPL limit & one outside of UPL limit. |

|    |  |   |   |   |
|----|--|---|---|---|
| 4c | Number of dumps within lease area and outside of lease area        | 01 new OB dump proposed within lease area & 02 old dumps within lease area              | Only 02 old dumps within lease area                       | Nil   |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16)              | OB dump proposed outside of UPL.  | No dumping carried out during the reporting year 2020-21. | Existing one old OB dump located partially within UPL limit & one outside of UPL limit. |
| 4e | Number of active and alive dumps.                                  | 02  | 01  | Nil   |
| 4f | Number of dead dumps.  | 01  | 01  | Nil   |
| 4g | Number of dumps established.                                       | No such proposal given  | No dump has been established.                             | Nil   |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | No specific proposal of retaining wall & garland drain given during the reporting year. | None during the reporting year.                           | Nil   |
| 4i | Length of Retaining wall or garland drain all along dumps          | No specific proposal of retaining wall & garland drain given during the reporting year. | None during the reporting year.                           | Nil   |
| 4j | Number of settling ponds   | No proposal   | None  | Nil   |
| 4k | Specific comments of inspecting officer on waste dump management   |   |   | No specific issue observed related to solid waste dump management.                      |

#### Solid Waste Management - Backfilling:

| Sl.No. | Item  | Propasals   | Actual work  | Remarks |
|--------|---|---|--|---------|
| 5a     | Status of part or full extraction of mineral from mined out area before starting backfilling. | No back filling proposed during the reporting year 2020-21. | No backfilling has been carried out duirng the reporting year. | Nil     |



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|----|---|--|--|--|
| 5b | Area under backfilling of mined out area  | No backfilling proposal given during the year 2020-21.                               | No backfilling has been carried out during the reporting year. | Nil  |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32) | No top soil generation during the reporting year.                                    | No top soil generated during the reporting year 2020-21.       | Nil  |
| 5d | Total area fully reclaimed and rehabilitated  | No proposal of fully reclamation and rehabilitation given during the reporting year. | None during the year   | Nil  |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc.                |  |  | No proposal of backfilling & reclamation has been given during the year 2020-21 nor backfilling & reclamation work has been carried out during the reporting year. |

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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). | PMCP annaul report should be submitted before 1st July of every year in respect of previous financial year. | PMCP report for the year 2020-21 has not been submitted by the party on time. | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6b     | Area available for rehabilitation (ha) .                                     | No such proposal given  | Not reported  | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |

|    |  |                                     |                             |   |
|----|--|-------------------------------------|-----------------------------|---|
| 6c | afforestation done (ha).   | 2020-21: 0.04 hect area.            | Not reported by the lessee. | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6d | No. of saplings planted during the year  | 2020-21: 150 nos. sapling proposed. | Not reported                | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6e | Cumulative no .of plants   | No such specific proposal given.    | Not reported                | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6f | Any other method of rehabilitation   | No such proposal given              | None                        | Nil   |
| 6g | Cost incurred on watch and care during the year  | No such specific proposal given.    | Not reported                | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D | No such proposal                    | Not applicable              | Nil   |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings          | No proposal                         | Not applicable              | Nil   |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area          | No proposal during the year         | Not applicable              | Nil   |

|    |  |  |              |   |
|----|--|--|--------------|---|
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv)<br>Rehabilitation by making water reservoir | No proposal  | None         | Nil   |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.                    | No proposal  | None         | Nil   |
| 6m | Compliance of rehabilitation of waste land within lease (i) afforestation                                    | During the year proposal of afforestation over an area 0.04 hect given | Not reported | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6n | Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)                        | 0.04 hect by plantation  | Not reported | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6o | Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation                       | Plantation   | Plantation   | Nil   |
| 6p | Compliance of environmental monitoring (core zone and buffer zone)   | Proposed   | Not reported | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.            |  |              | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |

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 Mineral Conservation:
 

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

|    |  |                                     |                 |  |
|----|--|-------------------------------------|-----------------|--|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area                           | ROM mineral dispatch proposal given | As per proposal | Nil  |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical.                        | No proposal                         | Not applicable  | Nil  |
| 7c | Different grade of mineral sorted out at mines.  | No proposal                         | Not applicable  | Nil  |
| 7d | Any beneficiation process at mines   | No proposal                         | None            | Nil  |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues |                                     |                 | No issue observed related to mineral conservation. |

## Environment :

| Sl.No. | Item  | Propasals                                 | Actual work  | Remarks |
|--------|---|---|--|---------|
| 8a     | Separate removal and utilization of topsoil (Rule 32)   | No top soil generation proposal given     | No top soil generated during the year.                         | Nil     |
| 8b     | Concurrent use or storage of topsoil  | No top soil generation proposal given     | Not applicable   | Nil     |
| 8c     | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                            | Separate dumping proposal of OB was given | No freash OB dumping observed only old OB waste dump observed. | Nil     |
| 8d     | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No such proposal given                    | None during the reporting year                                 | Nil     |

|    |   |   |                      |   |
|----|---|---|----------------------|---|
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No proposal given during the reporting year   | None during the year | Nil   |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41)                    | During the year proposal of afforestation over an area 0.04 hect given having 150 nos. of saplings. | Not reported         | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 8g | Survival rate   | No proposal given in this regard.   | Not reported         | For non-submission of PMCP report for the year 2020-21, violation of Rule 26(2) of MCDR 2017 issued vide letter dated 01.04.2022. |
| 8h | Water sprinkling on roads to control airborne dust  | Proposed  | Observed             | Nil   |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area                          |   |                      | Aesthetic beauty is satisfactory.   |

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Compliance of Rule 45:

| Sl.No. | Item   | Proposals   | Actual work  | Remarks   |
|--------|--|---|--|---|
| 9a     | Status of submission of Monthly and Annual returns | Monthly & annual return of the mine should be submitted under rule 45 of MCDR 2017. | Monthly return - Up to March 2022 & AR up to year 2020-21 submitted. | Based on office record for late submission of returns show cause notice is being issued separately. |

|    |   |   |   |   |
|----|---|---|---|---|
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | In annual return no details of mining engineer, mine manager & geologist given. | However as per Form H submitted by lessee on 08.02.2022, lessee appointed mining engineer & geologist as on 01.02.2022. | Nil   |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Details given in AR.  | Seems correct.  | No further scrutiny of return has been carried as MMS division has already refer back the AR 2020-21. |
| 9d | Scrutiny of Annual return on afforestation  | Details given   | Seems correct   | Nil   |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity)                   | No mineral reject reported  | Found correct.  | Nil   |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                                      | ROM Stock- 0 tonnes, Grade wise stock 26.8 tonnes                               | Seems correct.  | However due to some discrepancies MMS division has already referback the AR 2020-21.                  |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost                   | Production Cost-RS. 275.45 per tonne, Ex Mine Price-Rs 473 per tonne            | Seems correct   | Nil   |
| 9h | Scrutiny of Annual return on fixed assets   | Details given   | Seems correct.  | Nil   |
| 9k | Scrutiny of Annual return on mining machineries   | Detail given  | Seems correct   | Nil   |

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**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 |
| MCDR17             | Rule 11(1) | 01-APR-22     | MCDR17              | Rule 35(2) | 01-APR-22     |
| MCDR17             | Rule 26(2) | 01-APR-22     |                     |            |               |
| MCDR17             | Rule 35(2) | 01-APR-22     |                     |            |               |

**Date :**

**( D R GURJAR )**

Indian Bureau of Mines