

MCDR INSPECTION REPORT

I. GENERAL

| S. No. | Particulars | Details |
|--------|--|---|
| 1 | Name of the Mine | Prashanawada-Morasa Limestone Mine |
| 2 | Total Lease Area (Ha) with breakup of Non-forest and forest land | Non Forest - 253.8542 Ha Forest - Nil |
| 3 | Mine code | 38GUJ08099 |
| 4 | IBM Registration Number under rule 45 of MCDR, 1988 | IBN/304/2011 |
| 5 | Name of the lessee, Address, phone, email and fax number | Regd. Office: M/s Gujarat Sidhee Cement Ltd, Sidheegram, Off Veraval-Kodinar Highway, Taluka: Sutrapada, P.O. Prashanawada, District: Gir-Somnath, Gujarat: 362 275. Phone No. +91 2876 268206/268240, Email: dinesh.randad@mehtagroup.com, Fax: +91 2876 268540, |
| 6 | Villages | Prashanawada & Morasa |
| 7 | Taluka/Mandal | Sutrapada |
| 8 | District | Gir Somnath |
| 9 | Pincode | 362 275 |
| 10 | State | Gujarat |
| 11 | Post office | Prashanawada |
| 12 | Nearest police station | Sutrapada |
| 13 | Nearest Railway station | Somnath |
| 14 | Date of Grant of Mining Lease | 05.12.1985 |
| 15 | Date of Execution | 11.02.1987 |
| 16 | Date of opening of Mine | 12.02.1987 |
| 17 | Date of first Renewal, if applicable and its period & expiry | N/A |
| 18 | Date of second Renewal, if applicable and its period & expiry | N/A |
| 19 | Date of submission of renewal application if Mining Operations are continuing under deemed extension | As per the Section 8(A) (5) of the Mines & Minerals (Development and Regulation) Amendment Act-2015, the Commissioner (GoG), Geology and Mining extend the Lease Period up to 10/02/2037 vide Order No. MCR-1583-(C-1-9035-Chh.1), dated 18/10/2017. |
| 20 | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment | Mr. M.S. Gilotra M/s. Gujarat Sidhee cement Ltd, N K Mehta International House, 2 nd Floor, 178 Backbay Reclamation, Mumbai- 400 020, Phone No.: +91 (22) 66365444, email: sidhee-mum@mehtagroup.com, Fax: +91(22) 66365445 Date of Appointment: 28/05/1999 |
| 21 | Name of the Mine Agent with Address, phone, email, fax number and date of appointment | Mr. Dinesh G. Randad M/s Gujarat Sidhee cement Ltd, Sidheegram, Off Veraval-Kodinar Highway, P.O. Prashanawada, Taluka: Sutrapada, District: Gir Somnath, Gujarat: 362 275, Phone No. +91 2876 268206, Email: dinesh.randad@mehtagroup.com, Fax: +91 2876 286540, Date of appointment: 16/09/2015 |
| 22 | Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines | Mr. Rajeev Ranjan Singh, M/s Gujarat Sidhee Cement Ltd, Sidheegram, Off Veraval-Kodinar Highway, Taluka: Sutrapada, P.O. Prashanawada, District: Gir-Somnath, Gujarat: 362 275. Phone No. +91 2876 268240, email: rajeevranjan@mehtagroup.com, Fax: +91 2876 286540, Date of appointment: 11/11/2013 |

| | | Road: 2.810 Recl. - 4.8900 Ha Green Belt: 24.500 | Infrastructure: 0.1720 Road: 2.810 Recl. - 4.8900 Green Belt: 21.350 | |
|---------|---|--|---|-------------------|
| 3p | Production of ROM mineral during last five-year period, as applicable | Period | Production | Production |
| | | Limestone (in tonnes) | | |
| | | 2017-18 | 1700000.000 | 1225783.950 |
| | | 2018-19 | 1700000.000 | 834949.080 |
| | | 2019-20 | 1700000.000 | 438232.500 |
| | | 2020-21 | 1700000.000 | 311480.030 |
| | | 2021-22 | 1700000.000 | 378114.420 |
| | | Marl (in tonnes) | | |
| | | 2017-18 | 700000.000 | 0.000 |
| | | 2018-19 | 700000.000 | 0.000 |
| | | 2019-20 | 700000.000 | 27305.870 |
| 2020-21 | 700000.000 | 15733.410 | | |
| 2021-22 | 700000.000 | 39129.850 | | |
| 3q | General remarks of inspecting officer on method of mining etc. | Within limits. | | |

4.0 Solid Waste Management-Dumping

| S. No. | Item | Proposals (2021-22) | Actual work (2021-22) | Remarks |
|--------|---|--|--|---------|
| 4a | Separate dumping of topsoil, OB & mineral reject (Rule 32, 33) | Not proposed | Not required | |
| 4b | Location of topsoil, OB & mineral reject dumps | Within in ML, near boundary pillars 4 to 6 | Within in ML, near boundary pillars 4 to 6 | |
| 4c | Number of dumps within lease area and outside lease area | Not proposed | Not required | |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | Not proposed | Not required | |
| 4e | Number of active & alive dumps | Not proposed | Not required | |
| 4f | Number of dead dumps | Not proposed | Not required | |
| 4g | Number of dumps stabilised | Not proposed | Not required | |
| 4h | Whether Retaining wall or garland drain all along dumps are there | Not proposed | Not required | |
| 4i | Length of Retaining wall or garland drain all along dump | Not proposed | Not required | |
| 4j | Number of settling ponds | Not proposed | Not required | |
| 4k | Specific comments of inspecting officer | None | Not required | |

5.0 Solid Waste Management-Backfilling

| S. No. | Item | Proposals (2021-22) | Actual work (2021-22) | Remarks |
|--------|--|--|--|--|
| 5a | Status on part or full extraction of mineral from mined out area before starting backfilling | Not proposed | Not required | Approx. 4.8900 ha area is fully reclaimed & rehabilitated by means of backfilling during 2017-18 |
| 5b | Area under backfilling of mined out area | Not proposed | Not required | |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32) | Concurrently utilized in Plantation work | Concurrently utilized in Plantation work | |
| 5d | Total area fully reclaimed & rehabilitated | Not proposed | Not required | |
| 5e | General remarks of inspecting officer on backfilling, reclamation etc | None | | |

6.0 Progressive Mine Closure Plan

| S. No. | Item | Proposals (2021-22) | Actual work (2021-22) | Remarks |
|--------|---|--|-----------------------------|---------|
| 6a | Whether Annual report on PMCP submitted on time and correctly - Rule 26 (2). Details should be given in the format as given in Annexure-20. | Annual report on PMCP shall be submitted, before 1 st day of July'2022. | PMCP Report found submitted | |

| | | | | |
|----|---|--|--|--|
| 6b | Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year | (i) Nil (ii) 1.0 Hect (iii) 1000 nos. (iv) 24500 nos. (v) Nil (vi) Rs. 2,50,000/- | (i) Nil (ii) 1.800 Hect. (iii) 1800 nos. (iv) 24026nos. (v) Nil (vi) Rs. 5,47,600/- | |
| 6c | Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means | Not Proposed | Not required | |
| 6d | Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation | Not Proposed | Not required | |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone) | Environmental monitoring for Air, Water and noise | Compliance Report Submitted within stipulated time period. | |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive | Plantation is satisfactory. | | |

7.0 Mineral Conservation

| S. No. | Item | Proposals (2021-22) | Actual work (2021-22) | Remarks |
|--------|--|---|--|---------|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | (in tonnes) Lime stone: 1700000.000 Marl: 700000.00 | (in tonnes) Lime stone: 378114.420 Marl: 39129.850 | |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical | Not Proposed | Not required | |
| 7c | Different grade of mineral sorted out at mines | Not Proposed | Not required | |
| 7d | Any beneficiation process at mines | Not Proposed | Not required | |
| 7e | General remarks of inspecting officer on Mineral conservation & beneficiation issues | Benching etc. found satisfactory. | | |

8.0 Environment

| S. No | Item | Proposals (2021-22) | Actual work (2021-22) | Remarks |
|-------|---|--|-----------------------|---------|
| 8a | Separate removal and utilization of topsoil (Rule 32) | Removed separately & use for afforestation | As per proposal | |
| 8b | Concurrent use or storage of topsoil | Concurrently use Plantation Area | As per proposal | |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | Not Proposed | Not required | |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | Not Proposed | Not required | |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | Not Proposed | Not required | |
| 8f | Baseline information on existence of plantation & additional plantation done (Rule 41) | Restoration of land by means of plantation | As per Proposal | |

| | | | |
|----|---|---------------------------------|-----------------------|
| 8g | Survival rate | Not Proposed | Within lease area 70% |
| 8h | Water sprinkling on roads to control airborne dust | Water sprinkling on haul roads. | As per norms Complied |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines are | | |

9.0 Compliance of Rule 45

| S. No | Item | COMMENTS | Remarks |
|-------|---|---------------|---------|
| 9a | Status of submission of Online Monthly and Annual returns | In time. | |
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Satisfactory | |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Satisfactory | |
| 9d | Scrutiny of Annual return on afforestation | Satisfactory | |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & quantity) | Satisfactory | |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore | Satisfactory | |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | Satisfactory | |
| 9i | Scrutiny of Annual return on fixed assets | Satisfactory. | |
| 9k | Scrutiny of Annual return on mining machineries | Satisfactory | |

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

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|---------------------------------------|----------------------------------|
| Date of issue of violation letter | Date of receipt of reply, if any |
| No Significant Violation Pointed out. | |