

MCDR INSPECTION REPORT**1.0 GENERAL**

S.N.	Particulars	Details
1 (a)	Name of the Mine	Kherali (42/1) Limestone Mine
1(b)	Name of Inspecting Officer	Ashish Pal, Assistant Mining Geologist
1 (c)	Accompanying Mines Representatives	Virtual Inspection
1(d)	Type of Inspection	Virtual Inspection
1(e)	Date of Inspection	15-03-2025
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	15.1352 Hect. (Non-Forest)
3	Mine-code	38GUJ08327
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/14221/2012
5	Name of the lessee, Address, phone, email and fax number	M/S Somnath Hydrated Lime and Chemicals Industries Pvt. Ltd. c/o Munirbhai Pirbhai Kureshi Address- Sitaram Transport, Opp. Kamlsi Mulji Petrol Pump, Near Trikon Bag, UNA, Gujarat-362560 E-mail: smpatelindia@yahoo.com
6	Village	Kherali
7	Taluka/Mandal	Patan-Veraval
8	District	Gir-Somnath
9	Pin code	362560
10	State	Gujarat
11	Post office	Veraval
12	Nearest police station	Veraval
13	Nearest Railway station	Veraval
14	Date of Grant of Mining Lease	07-02-1981
15	Date of Execution	29-03-1982 for 50 years as per MMDR Amen. Act 2015
16	Date of opening of Mine	--
17	Date of first Renewal, if applicable and its period & expiry	29-03-2002 to 28-03-2032
18	Date of second Renewal, if applicable and its period & expiry	--
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Munirbhai Pirbhai Kureshi Address- Sitaram Transport, Opp. Kamlsi Mulji Petrol Pump, Near Trikon Bag, UNA, Gujarat-362560 E-mail: smpatelindia@yahoo.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Letter No. 682(23)/562/2007-MCCN (N) UDP Dated - 28/02/2008.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Letter No. 682(23)/706/2009-MCCN (N) UDP Dated - 30/09/2016 for 2016-17 to 2020-21. RMP-555 for the period 2024-25 to 2027-28.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

**Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –
Exploration**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No proposal	Nil	-
1b	Exploration over lease area for Geological axis 1 or 2.			

1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposal	Nil	-
1e	Balance reserves as on 31.03.2024 (Tonnes)	UNFC (111)-1686355 T		
1f	General remarks of inspecting officer on geology, exploration etc.	There is no approved mining plan for the year 2023-24.		

2.0 Development

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	NA	Pit with irregular work as shown in drone data images.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	Irregular Benches have been seen in drone data images.	
2c	Stripping ratio or ore to OB ratio	NA	Nil	-
2d	Quantity of topsoil generation in m3	NA	Nil	-
2e	Quantity of overburden generation in m3	NA	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	As seen in drone image mine development is carried out by irregular benches.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	NA	Pit with irregular work	Variation in RL and drone image has been observed as compared to data of 2022-23 vs 2023-24
3b	Quantity of ROM mineral production proposed	NA	Nil	
3c	Recovery of saleable/usable mineral from ROM production	NA	Nil	
3d	Quantity of mineral reject generation	NA	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	Nil	
3f	Quantity of sub-grade mineral generation	NA	Nil	
3g	Grade of sub-grade mineral generation	NA	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	Nil	
3j	Provision of drilling & blasting in mineral benches	NA	Nil	
3k	Provision of mining machineries in mineral benches	NA	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	Nil	
3m	Total area covered under excavation/pits	NA	As per drone data total Excavated area 15.139 ha.	
3n	Ore to OB ratio for the pit/mine during the year	NA	Nil	
3o	Total area put in use under different heads at the end of year	NA	Nil	

3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 207482 T 2020-21: 208208 T 2021-22: NA 2022-23: NA 2023-24: NA	2019-20: Nil 2020-21: Nil 2021-22: NA 2022-23: NA 2023-24: NA	
3q	General remarks of inspecting officer on method of mining etc.	There is no approved mining plan for the year 2023-24.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	NA	Nil	
4b	Location of topsoil, OB & mineral reject dumps	NA	Nil	
4c	Number of dumps within lease area and outside lease area	NA	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Nil	
4e	Number of active & alive dumps	NA	Nil	
4f	Number of dead dumps	NA	Nil	
4g	Number of dumps stabilised	NA	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	Nil	
4i	Length of Retaining wall or garland drain all along dump	NA	Nil	
4j	Number of settling ponds	NA	Nil	
4k	Specific comments of inspecting officer	In virtual inspection, no dump of waste or overburden was found.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NA	Nil	-
5b	Area under backfilling of mined out area	NA	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	Nil	-
5d	Total area fully reclaimed & rehabilitated	NA	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	As reported, no backfilling was overserved in the mine.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2).	Yes submitted on 29-06-2024		
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	NA	NA	
(ii)	Afforestation done (ha)	NA	Nil	
(iii)	No. of saplings planted during the year	NA	Nil	
(iv)	Cumulative no. of plants	NA	Nil	
(v)	Any other specific method of rehabilitation	NA	Nil	-
(vi)	Cost incurred on watch & care during the year	NA	Nil	-
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B	NA	Nil	-

	X D)			
(ii)	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	NA	Nil	
(iii)	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	NA	Nil	
(iv)	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	NA	Nil	
(v)	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	NA	Nil	
6d	Compliance of Rehabilitation of waste land within lease (i) Afforestation	NA	Nil	
	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	NA	Nil	
	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	NA	Nil	
6e	General remarks of inspecting officer on PMCP compliance & progressive	There is no approved mining plan for the period 2023-24.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	Nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	Nil	-
7c	Different grade of mineral sorted out at mines	NA	Nil	-
7d	Any beneficiation process at mines	NA	Nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No activity has been observed in given drone data images.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	Nil	
8b	Concurrent use or storage of topsoil	NA	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	NA	Nil	
8g	Survival rate	NA	Nil	
8h	Water sprinkling on roads to control airborne dust	NA	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Mine is surrounded by little vegetation as per virtual inspection.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a.	Status of submission of Monthly and Annual returns	All the monthly returns for the year 2023-24 submitted. Annual return was submitted for the year 2023-24 on 29-06-2024.	

S.N	Item	Details Given in Annual return	Observation of I/c Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details of Mining Engineer, Geologist and Mine Manager in annual return 2023-24 has not been mentioned.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by open cast (o-c) -6.610 ha Occupied by plant, building and roads-0.120 ha.		
9d	Scrutiny of Annual return on afforestation	No. of trees planted during the year-0		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	-	-	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No production reported	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	-	Nil	
9i	Scrutiny of Annual return on fixed assets	-		
9k	Scrutiny of Annual return on mining machineries	-	Nil	

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

- As per office record, violation had been given on Rules 11(4) on 28-03-2023 and the same has been complied.
- The mine was suspended by this office on 21.03.2018 & still not revoked for non-compliance of violation of rules 11(4) of MCDR, 2017.
- In previous inspection, Violation of Rule Pointed out 28(1), 45(5)(c) on 05-04-2025 and the same has not been complied.
- MIDPAS report uploaded in website.
- Drone data has been submitted on DDMS portal. The data has been analysed and not found as per SOP therefore referred back on DDMS portal.
- Star Rating validation of Mine has been done. Mine remains in 3 Star as self-assessed by Lease.

Ashish Pal,
Assistant Mining Geologist
Indian Bureau of Mines

* * *