

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Dharampur/Kajawdri Limestone Mines
1(b)	Name of inspecting officer & Designation	Shri Sanjaya Kumar Sahoo (Junior Mining Geologist, IBM)
1(c)	Accompanying Mines Representatives	Mr D.K.Singh
1 (d)	Type of Inspection	Star Rating Evaluation
1 (e)	Date of Inspection	08.08.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	9.31 HA. (Forest Area: Nil) (Non-forest Area: 9.31 HA)
3	Mine code	38GUJ08063
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/265/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Saurashtra Chemicals, Division of Nirma Ltd. Porbandar
6	Village	Dharampur
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pincode	360576
10	State	Gujarat
11	Post office	Dharampur
12	Nearest police station	Udhyognagar, Porbandar
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	27.11.1978
15	Date of Execution	26.12.1979
16	Date of opening of Mine	--
17	Date of first Renewal, if applicable and its period & expiry	18.12.1998 for 20 years
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	Period extended as per MMDR amendment Act 2015 up to 31/03/2030.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Ashish K. Desai, Whole time director, Saurashtra Chemicals, Division of Nirma Ltd. Porbandar Date of appointment: 11.10.2024
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri Manish D Patel, Mines Agent, Saurashtra Chemical, Division of Nirma Ltd. Porbandar Date of appointment: 27.05.2020
22	Name of the Mines Manager with Address, phone, email,	Shri Shashi Bhushan Prasad, Mines Manager, Saurashtra Chemical, Division of Nirma Ltd.

fax number and date of appointment in mines	Porbandar
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23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Rahul Gedia, Mining engineer Saurashtra Chemical, Division of Nirma Ltd. Porbandar Date of Appointment: 02.02.2024
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Sri Mehul Sharma, Geologist Saurashtra Chemical, Division of Nirma Ltd. Porbandar Date of Appointment:02.02.2024
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Letter No. 684(4)(1)/MS-235/2019-20-GNR Udaipur dtd. 23.07.2019 (2019-20 to 2023-24) & No. File no:MCDR-MPCP0CaFI/56/2023-GNR-IBM_RO-GNR MP-528 dated-06.02.2024 for the period 2024-25 to 2028-29
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	'A'
30	Captive/Non Captive	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	Yes	9 No. of Bore holes were carried out in F.Y 2023-24 which was proposed for F.Y 2019-20, 46 meter	
1b	Exploration over lease area for Geological axis 1 or 2.	Not Proposed	G1	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Proposed	M.K.Soil testing laboratory pvt ltd Rs 138000/- approx	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	Not Applicable	
1e	Balance reserves as on 01.04.2024 in MT	111- 166797.28 MT 121- 0		

		122- 0 331- 388046.88	
1f	General remarks of inspecting officer on geology, exploration etc.	During inspection the co-ordinates of following Bore holes were taken; PBH-03: Lat- N21° 40' 30.5", Long- E069° 40' 59.8" PBH-09- Lat- N21° 40' 27.3", Long- E069°40' 54.9"	

2.0 Development

SN	Item	Proposals(2023-24)	Actual work(2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit-2 N2397121 to N2397192 E570799 to E570862	Pit-2	Location- N21° 40' 36.33", E69° 41' 8.95" Size- 36m x 6m x 1.2m
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	Not Applicable	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	No Proposal	Not Applicable	
2e	Quantity of overburden generation in m3	No Proposal	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There was no proposal for generation of top soil and overburden for F.Y 2023-24. During inspection, mining operations were not carried out.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	9525 MT	24.400 MT	
3c	Recovery of saleable/usable mineral from ROM production	8191.5 MT	24.400 MT	
3d	Quantity of mineral reject generation	952.5 MT	NIL	
3e	Grade of mineral reject generation and threshold value declared	About 10% undersize(- 25 mm)	NIL	
3f	Quantity of sub-grade mineral generation	No Proposal	NIL	
3g	Grade of sub-grade mineral generation	No Proposal	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation	No Proposal	Not Applicable	

	study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches	No Proposal	Not Applicable	
3k	Provision of mining machineries in mineral benches	Shovel (Hydraulic), Dumper	Shovel (Hydraulic), Dumper	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m in mineral	3m in mineral	
3m	Total area covered under excavation/pits	3.5037 Ha	2.970 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	
3o	Total area put in use under different heads at the end of year	Pit- 3.5037 Ha Stack- 0.2513 Ha Road- 0.225 Ha Others- 5.33 Ha	Pit- 2.970 Waste disposal- .250 Ha Road- 0.20 Ha Others- 5.89 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2019-20-9525 MT Yr-2020-21-9525 MT Yr-2021-22-9525 MT Yr-2022-23-9525 MT Yr-2023-24-9525 MT	Yr-2019-20-00 MT Yr-2020-21-8712.280 MT Yr-2021-22-2061.665 MT Yr-2022-23-3051.115 MT Yr-2023-24-24.400 MT	
3q	General remarks of inspecting officer on method of mining etc.	There was no proposal for of overburden and 3m bench height in mineral was proposed. No Violation found.		

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)	Mineral Reject Stack- 0.253 Ha	NIL	
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Not Applicable	
4c	Number of dumps within lease area and outside lease area	No Proposal	Not Applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Not Applicable	
4e	Number of active & alive dumps	No Proposal	Not Applicable	
4f	Number of dead dumps	No Proposal	Not Applicable	
4g	Number of dumps stabilized	No Proposal	Not Applicable	

4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Not Applicable	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Not Applicable	
4j	Number of settling ponds	No Proposal	Not Applicable	
4k	Specific comments of inspecting officer	There was no proposal for generation of overburden and top soil for F.Y 2023-24.		

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	No Proposal	Not Applicable	
5b	Area under backfilling of mined out area	No Proposal	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	No Proposal	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	There was no proposal for backfilling. No Violation was found.		

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). Details should be given in the format as given in Annexure-20.	YES	YES on dated 13.06.2024 along with Annual Return.	
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) No Proposal ii) 0.3 ha iii) 300 plants	i) Not Applicable ii) 0.3 Ha iii) 455 plants iv) 545 plants	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for	No Proposal	Not Applicable	

	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			
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6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	Not applicable	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient Air Monitoring, Water quality monitoring and Noise monitoring	Ambient Air Monitoring, Water quality monitoring and Noise monitoring is being done on half yearly basis and soil monitoring on yearly basis.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP work has been done according to proposal. Fencing has been found near the plantation area. No Violation was found.		

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	9525 MT	24.400 MT	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	Not Applicable	
7c	Different grade of mineral sorted out at mines	No Proposal	Not Applicable	
7d	Any beneficiation process at mines	No Proposal	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Beneficiation was not proposed for F.Y 2023-24.		

8.0 Environment

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SN	Item	Proposals ((2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Not Applicable	
8b	Concurrent use or storage of topsoil	No Proposal	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No Proposal	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Additional- 300 plants	Additional- 455 plants Cumulative- 545 plants	
8g	Survival rate	80 %	50 %	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on road will be done through water tanker	Water sprinkling on road has been done through water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	No Violation was found.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to December-2024 on dated 07-01-2025 A.R. submitted up to till date- up to 2023-24 -13.06.2024	

S.N	Item	Details GIVEN in A.R.((2023-24)	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri Rahul Gedia (Mining Engg) Shri Mehul Sharma(Geologist) Shri Shashi Bhusan Prasad (Mine manager)	Shri Rahul Gedia (Mining Engg) Shri Mehul Sharma(Geologist) Shri Shashi Bhusan Prasad (Mine	Violation observed under Rule 45(5)(c) read with 45(7)

			manager)	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered Under Current (O-C) working- 2.970 Ha Reclamation- NIL Dump- NIL	Covered Under Current (O-C) working- 2.970 Ha Reclamation- NIL Dump- NIL	
9d	Scrutiny of Annual return on afforestation	Afforestation -0.30 Ha	Afforestation-0.30 Ha	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	24.40 MT	24.400 MT	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value- 0 Ex. Mine Price- 413.60/- per tonne Production cost- 413.60/- per tonne	Sale value- 0 Ex. Mine Price- 413.60/- per tonne Production cost- 413.60/- per tonne	
9i	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Shovel (Hydraulic)- 01 Dumper- 01	Shovel (Hydraulic)- 01 Dumper- 01	

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

- i. During previous year inspection, Violation had been given on Rules; 11(1), 45(5) (c) and 45(7) on 28-03-2024 and the same has been complied on 31-05-2024.
- ii. Drone data has been submitted by the Lessee on 28-06-2024. It was found not as per SOP and referred back.
- iii. Self-assessment date of Star Rating is 29-06-2024 and the Rating given by the Lessee is 3. It has been evaluated and given 3 Star.
- iv. Violation is found under Rule 45(5)(c) read with 45(7) for current year inspection.

Rule No.	Nature of Violation observed
45(5)(c) read with 45(7)	<p>The holder of a mining lease shall submit online Annual returns in respect of each mine to the Regional Controller or any other authorized officer of the Indian Bureau of Mines which shall be submitted before 1st day of July each year for the preceding financial year in electronic form, which shall be complete, correct and true in all aspects.</p> <p>However, in your case, it is found that;</p> <p>a. You have submitted following incomplete/ wrong/ false information in the Annual Return for the year 2023-24:-</p> <p>i. In PART-VI (PRODUCTION, DESPATCHES AND STOCKS) (LIMESTONE) at</p>

point 2: Production and Stocks of ROM ore at Mine-head ; ROM Opening stock, Production and Closing stock, all are reported as Nil, however Chemical grade production of 24.4 MT has been reported at 3(ii) Grade-wise Production, Dispatches, Stocks and Ex-mine prices.
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Shri. Sanjaya Kumar Sahoo

Junior Mining Geologist

Indian Bureau of Mines