

MCDR INSPECTION REPORT

1/29017/2024

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	KHERALI (42/1) Limestone Mine
1(b)	Name of Inspecting officer & Designation	Sh. Snehal Kumar Patel, AME
1(c)	Accomp.official	Sh. Munir Bhai & Sh. Harsh Trivedi (QP)
1(d)	Date & Type of Inspection	03-09-2023 & RMP
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	15.1352Hect. (Non-Forest)
3	Mine code	38GUJ08327
4	IBM Registration Number under rule 45 of MCDR, 2017	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
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 50years as per MMDR Amen.Act2015
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	29-03-2002, for 30years
18	Date of second Renewal, if applicable and its period & expiry	Not applicable
19	Date of submission of renewal application if Mining are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax & appointment	SH. MUNIRBHAI PIRBHAI KURESHI Address- SITARAM TRANSPORT, OPP KAMLSI MULJI PETROL PUMP, NEAR TRIKON BAG, UNA, Gujarat-362560
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	--
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA-Mine workings discontinued due to NGT order.
23	Name of the Mining Engineer, Qualification and total Exp. with Address, phone, email, fax number and date of appointment in mine	NA-Mine workings discontinued due to NGT order.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA-Mine workings discontinued due to NGT order.
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
27	Mineral(s) granted in ML proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast.
29	Category (Fully Mechanised, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

1/29017/2024 **Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –****1.0 Exploration**

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
1a	Backlog of previous year	It was proposed for two DTH & 3 trenches of last year of plan period.	Lessee has been carried out.	Mines is suspended from 21-03-2018 & still not revoked.
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2	No mining plan available for the year 2022-23.		
1e	Balance reserves as on 01.04.2023	The reserves & resources re-estimated presently submitted draft plan 111=1686355 Tone. 221= 120890 Tone.		
1f	General remarks of inspecting officer on geology, exploration etc.	Mine workings discontinued due to direction of State/ NGT order & further suspension order issued by the office on dated 21-03-2018.		

2.0 Development

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
2a	Location of development w.r.t. lease area	Pit-1	NA	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA		
2c	Stripping ratio or ore to OB ratio	1:0.0		
2d	Quantity of topsoil generation (m3)	Not proposed in present plan period.		
2e	Quantity of OB generation (m3)	Not Proposed for the year 2016-17 to 2020-21		
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine workings discontinued due to direction of State/ NGT order & further suspension order issued by the office on dated 21-03-2018.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	No Approved Document for the Period	NIL	Mine workings discontinued due to direction of State/ NGT order.
3b	Quantity of ROM mineral production proposed		NIL	
3c	Recovery of saleable/usable mineral from ROM production		NIL	
3d	Quantity of mineral reject generation		NIL	
3e	Grade of mineral reject generation and threshold value declared		NIL	
3f	Quantity of sub-grade mineral generation		NIL	
3g	Grade of sub-grade mineral generation		NIL	
3h	Manual / Mechanised method adopted for segregating from ROM		NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject		NIL	
3j	Provision of drilling & blasting in mineral benches		NIL	
3k	Provision of mining machineries in mineral benches		NIL	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		2 M	
3m	Total area covered under excavation/pits		6.61 Ha.	
3n	Ore to OB ratio for the pit/mine during the year		NIL	
3o	Total area put in use under different heads at the end of year	NIL	NIL	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19 = 2,02,895 T 2019-20 = 2,07,482 T 2020-21 = 2,08,208 T 2021-22 = NA 2022-23 = NA	2018-19 = 94000 T 2019-20 = Nil 2020-21 = Nil 2021-22 = NA 2022-23 = NA	
3q	General remarks of inspecting officer on method of mining etc.	Mine workings discontinued due to direction of State/ NGT order & further suspension order issued by the office on dated 21-03-2018.		

4.0 Solid Waste Management-Dumping

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SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed, since area of devoid of OB /waste in previous plan period year.	NIL, Mine workings discontinued wef Oct, 2018 to till date due to NGT order.	Since ML area is devoid of OB/waste & hence not proposed.
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer			

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed, since area of devoid of OB /waste in previous plan period year.	NA	
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc	Presently mine is not working due to NGT order.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	Annual reported on PMCP is required to be submitted to this office with in stipulated	Not submitted as No Approved Document for the Period.	Mine workings discontinued due to direction of State/ NGT order.
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	No Approved Document for the Period	NA	
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	No Approved Document for the Period	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Approved Document for the Period	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Approved Document for the Period	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive mine closure.	Lessee has not submitted the PMCP compliances to this office since mine is not workings due to want of EC/Suspension, and there is no Approved Document for the Period.		

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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 etc.	No Approved Document for the Period	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive mine closure.	Mine workings discontinued due to EC problem by direction of State/ NGT order.		

7.0 Mineral Conservation

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Approved Document for the Period	Not done, in view of Suspension order issued by this office & want of EC.	Mine is not working from last three years due to want of EC & further suspension order issued by this office.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Approved Document for the Period		
7c	Different grade of mineral sorted out at mines	No Approved Document for the Period		
7d	Any beneficiation process at mines	No Approved Document for the Period		
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine is not working due to suspension/EC.		

8.0 Environment

SN	Item	Proposals 2022-23	Actual work 2022-23	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Approved Document for the Period	Not done, in view of Suspension order issued by this office & want of EC.	Not done, in view of Suspension order issued by this office & want of EC.
8b	Concurrent use or storage of topsoil	No Approved Document for the Period	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Approved Document for the Period	NA	There is no dump in the area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Approved Document for the Period	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No Approved Document for the Period	NA	
8f	Baseline information on existence of plantation & additional plantation done	No Approved Document for the Period	NA	
8g	Survival rate	No Approved Document for the Period	NA	
8h	Water sprinkling on roads to control airborne dust	No Approved Document for the Period	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines.	Presently mine is not working due to suspension/EC.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a	Status of submission of Online Monthly and Annual returns	M.R. submitted & A.R. not submitted V/L pointed out.	

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S.N	Item	Observations	Remarks
9a	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine workings discontinued wef Oct, 2018 to till date due to NGT order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	The lessee/ party has not been Submitted the online Annual returns. Mine already suspended on 21.03.2018. VL issued rule 28(1) & 45(5)(c).
9d	Scrutiny of Annual return on forestation	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	
9i	Scrutiny of Annual return on fixed assets	NA	
9k	Scrutiny of Annual return on mining machineries	NA	

Note:- As per the letter received from the O/o Commissioner of Geology and Mining, Govt. of Gujarat dated 05/01/2024 regarding Status of Lease Validity, this mines is in the list of existing mining lease which are not lapsed under Section 4A(4) of the MMDR Act.

Details of violations observed during current inspection and compliance position of earlier violation pointed out:-The mine was not working from last three years & subsequently suspended by this office on 21.03.2018 & still not revoked for non-compliance of violation of rules 11(4) of MCDR, 2017. During present inspection, Violation of Rule Pointed out – 28(1), 45(5)(c).

स्नेहलकुमार पटेल
सहायक खनन अभियंता
भारतीय खान ब्यूरो
