

INSPECTION REPORT (RMP)

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Rakka Limestone Mines (4.0Ha)
1(b)	Name of Inspecting officer	Naman Ekka SMG
1(c)	Date of Inspection	07/08/2023
1(d)	Accompanying officer	Sh. Rajesh Kumar
2	Total Lease Area (Ha) , Non-forest and forest land	ML Area: 4.0Ha ,Survey Nos.: 106/1P
3	Mine code	38GUJ07085
4	IBM Registration Number under rule 45 of MCDR	IBM/21071/2017
5	Name of the lessee, Address, phone, email and fax number	Sh. Rajendra P Trivedi, Near S.N.K.School, University Road, District-Rajkot,Gujarat-360001, Phone-8200691370 trivedirajendraap@rediffmail.com
6	Village	Rakka
7	Taluka/ Mandal	Lalpur
8	District	Jamnagar
9	Pin code	361315
10	State	Gujarat
11	Post office	Lalpur
12	Nearest police station	Jamnagar
13	Nearest Railway station	Jamnagar
14	Date of Grant of Mining Lease	01.6.2012
15	Date of Execution	27.9.2012 (Expiry-26.9.2052 As per MMDR Act 2015,
16	Date of opening of Mine	2012-13
17	Date of first Renewal, if applicable, period & expiry	Not Applicable
18	Date of second Renewal, if applicable period, expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Rajendra P Trivedi, Near S.N.K.School, University Road, District-Rajkot,Gujarat-360001, Phone-8200691370 trivedirajendraap@rediffmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Rajendra P Trivedi, Near S.N.K.School, University Road, District-Rajkot,Gujarat-360001, Phone-8200691370 trivedirajendraap@rediffmail.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Rajesh Kumar
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Rajesh Kumar, 13 years of Experience.
24	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter no 682(23)/MS/794/2011 MCCM/UDP Dated-12.4.2012 for 2012-13 to 2016-17.
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-179(147)/2018/MDRD/N/GNR Dated 19.11.2018 for 2018-19 to 2021-22.
26	Mineral(s) granted in lease	Limestone
27	Method of Mining(Opencast,/UG)	Opencast Mining
28	Category (FM, Others or Manual)	A-Category
29	Captive/Non Captive	Non-Captive

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

1.0 Exploration

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	No Proposal	As reported No work carried out in 2022-23. Pitting of 06 Trial Pits has been done in 2021-22	
1b	Exploration over lease area for Geo. axis 1 or 2.	No Approved Proposal		
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Approved Proposal		
1d	Balance area to be explored to bring Geo. axis in 1 or 2	No Approved Proposal		
1e	Balance reserves (Million Tonnes) as on 01.04.2021	UNFC (111,121&122)-0.234 million tonne as per approved RMP 29.6.18		
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration work has been carried out in 2021-22.		

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2.0 Development

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	No Approved Proposal	As reported Mining has been done in PIT No. 1	Violation pointed out under rule 11(1)
2b	Separate benches in topsoil, overburden and mineral	No Approved Proposal	Irregular Benches have been found during Inspection.	
2c	Stripping ratio or ore to OB ratio	No Approved Proposal	NIL	
2d	Quantity of topsoil generation in m3	No Approved Proposal	NIL	
2e	Quantity of OB generation in m3	No Approved Proposal	NIL	
2f	General remarks of I/O on development of pit w.r.t. type of deposit etc.	Mining lease area is developed by mine pits of limestone deposit in a hilly terrain.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	No Approved Proposal	Single pit with irregular working	Violation pointed out under rule 11(1).
3b	Quantity of ROM mineral production proposed	No Approved Proposal	2022-23 = 5570. 69 Tons	
3c	Recovery of saleable/usable mineral from ROM production	No Approved Proposal	100%	
3d	Quantity of mineral reject generation	No Approved Proposal	NIL	
3e	Grade of mineral reject generation and threshold value declared	No Approved Proposal	NIL	
3f	Quantity of sub-grade mineral generation	No Approved Proposal	NIL	
3g	Grade of sub-grade mineral generation	No Approved Proposal	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	No Approved Proposal	Manual/Mech.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Approved Proposal	NIL	
3j	Provision of drilling & blasting in mineral benches	No Approved Proposal	NIL	
3k	Provision of mining machineries in mineral benches	No Approved Proposal	HEMM/JCB & tipper combination	
3l	Whether height of benches in OB and mineral suitable for method of mining	No Approved Proposal	1-3-M-Irregular	
3m	Total area covered under excavation/pits	No Approved Proposal	Total Excavated area-about 3.08 ha, irregular	
3n	Ore to OB ratio for the pit/mine	No Approved Proposal	1:0	

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3o	Total area put in use under different heads at the end of year	No Approved Proposal	Total Excavated area-about 3.08 ha in irregular area.	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2018-19-58652T Yr-2019-20-58652T Yr-2020-21-58652T Yr-2021-22-58652T Yr-2022-23 – No Approved Proposal	35499T 194209.3T 98369.5T 144601T 5570.69 Tons	Violation pointed out under rule 11(1) based upon monthly return.
3q	General remarks of inspecting officer on method of mining etc.	Opencast method of mining with excavator & tipper combination.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No Approved Proposal	As reported no work carried out.	
4b	Location of topsoil, OB & mineral reject dumps	No Approved Proposal	As reported no work carried out.	
4c	Number of dump within & outside lease	No Approved Proposal	As reported no work carried out.	
4d	Location of dumps w.r.t. UPL	No Approved Proposal	As reported no work carried out.	
4e	Number of active & alive dumps	No Approved Proposal	As reported no work carried out.	
4f	Number of dead dumps	No Approved Proposal	As reported no work carried out.	
4g	Number of dumps stabilised	No Approved Proposal	As reported no work carried out.	
4h	Whether Retaining wall or garland drain all along dumps are there	No Approved Proposal	As reported no work carried out.	
4i	Length of Retaining wall or garland drain all along dump	No Approved Proposal	As reported no work carried out.	
4j	Number of settling ponds	No Approved Proposal	As reported no work carried out.	
4k	Specific comments of inspecting officer	As reported no Solid waste generated for dumping and backfilling.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work	Remarks
5a	Status on part full extraction of mineral from mined out area before starting backfilling	No Approved Proposal	As reported no work carried out	
5b	Area under backfilling of mined out area	No Approved Proposal	As reported no work carried out	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No Approved Proposal		
5d	Total area fully reclaimed & rehabilitated	No Approved Proposal		
5e	General remarks of inspecting officer on backfilling, reclamation etc.	As reported no Solid waste generated for dumping and backfilling.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	No Approved Proposal	As reported no work carried out. Annual Return for 2022-23 not filled as such PMCP Report also not submitted.	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha)	No Approved Proposal	As reported no work carried out	

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	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			
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 Proposal	As reported no work carried out	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Approved Proposal	As reported no work carried out	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Approved Proposal	As reported Env. Monitoring is being carried out.	
6f	General remarks of inspecting officer on PMCP compliance.	No Approved Proposal hence PMCP compliance has not been reported.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Approved Proposal	ROM Mineral Dispatch of Cement grade	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Approved Proposal	As reported no work carried out	
7c	Different grade of mineral sorted out at mines	No Approved Proposal	As reported no work carried out	
7d	Any beneficiation process at mines	No Approved Proposal	As reported no work carried out	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Mineral conservation & beneficiation issues reported.		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No Approved Proposal	As reported no work carried out	
8b	Concurrent use or storage of topsoil	No Approved Proposal	As reported no work carried out	
8c	Separate dumps for overburden, waste rock, rejects and fines	No Approved Proposal	As reported no work carried out	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Approved Proposal	As reported no work carried out	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Approved Proposal	As reported no work carried out	
8f	Baseline information on existence of plantation & add. plantation done	No Approved Proposal	As reported no Plantation carried out	
8g	Survival rate	No proposal	50-60% for earlier plantation carried out.	Poor survival
8h	Water sprinkling on roads to control airborne dust	No proposal	Water sprinkling done on haul	

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			road.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mines is in hilly terrain and is surrounded by little to no vegetation. Climate is Semi-arid.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		
.	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date – Before 10 th of every month & A.R. submitted up to till date-		Violation of Rule 45(5)(a) And 45(5)(c)
S.N	Item	Details GIVEN in A.R. 2022-23 Observation of I/Officer /Actual reported in Returns		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the year 2022-23 is not submitted.	Hence scrutiny not done.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

10- 10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Presently mine was inspected for Star Rating inspection. Star Rating validation done (3Star).
No Approved Document for the Year 2022-23.
Violation Pointed out. - 11(1), 11(4), 35(2) Read with 35(4B), 45(5)(b) Read with Schedule II, 45(5)(c) Read with Schedule II.