

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Padhiarka & Doliya Limestone Mine (332.24Ha)
1(b)	Name of Inspecting officer & Designation	G. Ram, Sr.Assistant Controller of Mines
1(c)	Accomp. official	Umesh Bhavsar, Lessee Rep. & Rakesh Purohit, Tech.person
1(d)	Date & Type of Inspection	26.12.2018 & RMP
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 332.24Ha Hect., Sy.No.-Various Non-Forest land
3	Mine code	38GUJ05005
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 Nirma Ltd, NIRMA House, Ashram Road, Near Income tax, Ahmadabad, Gujarat-380009.
6	Village	Padhiarka & Doliya
7	Taluka/Mandal	Mahuva
8	District	Bhavnagar
9	Pin code	364290
10	State	Gujarat
11	Post office	Mahuva
12	Nearest police station	Mahuva
13	Nearest Railway station	Mahuva
14	Date of Grant of Mining Lease	08.1.2017
15	Date of Execution	11.1.2017 & As per MMDR Amendment Act, 2015 for 50years from first grant of mining lease.
16	Date of opening of Mine	Not started yet due to want of statutory clearance.
17	Date of first Renewal, if app.	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Shailesh V.Sonara, Director & Nominated owner M/s Nirma Limited, Ashram Road, Near Income tax, Ahmadabad, Gujarat-380009. Phone' +91 079 27546565-74, Fax-(079)27546603
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 & date of appointment.	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number & date of appointment.	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.	Date of Approval of mining Plan: 682(23)(623)/2008-UDP-Dated-24.3.2009 for 616.72Ha.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Not applicable, since ML was granted on 08.1.17 & executed on 11.1.17 for 50yrs under MMDR Act, 2015.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, U/G)	Opencast
29	Category (A-FM & Others & B-Manual)	A
30	Captive/Non Captive	Captive

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

1.0 Exploration

SN	Item	Proposals (2017-18)	Actual work	Remarks
1a	Backlog of previous year	-	Not done presently due to want of statutory clearances/ EC etc.	Old pits/open dugwells/ Trenches etc. are the basis of estimation of reserves.
1b	Exploration over lease area for Geological axis 1 or 2.	It was proposed to drill 06 no of core borehole as 3,7,8,9,10,11 (total meterage 165m) as earmarked plate no.4		
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 proposal		
1e	Balance reserves as on 01.04.2017	28.02MT (111) & 221 Limestone reserves (Cement Grade)		
1f	General remarks of inspecting officer on geology, exploration etc.	Mining operations is not commenced yet due to want of statutory clearance.		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work	Remarks	
2a	Location of development w.r.t. lease area	II year-NIL & III year-It was proposed to work in grid N-1390 to N1520 & E2220-E2410 as earmarked in plate-5.	Not done	Mining operations is not commenced yet due to want of statutory clearance.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)				
2c	Stripping ratio or ore to OB ratio				1:0.02
2d	Quantity of topsoil generation in m3				II year-NIL & III year-60270M3
2e	Quantity of overburden generation in m3				NIL
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	NIL			

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work	Remarks
3a	Number of pits proposed for production	II year-NIL & III year-It was proposed to work in grid N-1390 to N1520 & E2220-E2410 as earmarked in plate-5.	NIL	Mining operations is not commenced yet due to want of statutory clearance.
3b	Quantity of ROM mineral production proposed	0.11 MT		
3c	Recovery of salable/usable mineral from ROM production	0.11 MT		
3d	Quantity of mineral reject generation	Not proposed		
3e	Grade of mineral reject generation and threshold value declared	-do-		
3f	Quantity of sub-grade mineral generation	-do-		
3g	Grade of sub-grade mineral generation	-do-		
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanized		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL		
3j	Provision of drilling & blasting in mineral benches	Proposed		
3k	Provision of mining machineries in mineral benches	-do-		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed		
3m	Total area covered under excavation/pits	27.11Ha proposed in plan period		
3n	Ore to OB ratio for the pit/mine during the year	1:0.02		

3o	Total area put in use under different heads at the end of year	Excavation-27.11Ha Top soil-1.0Ha, Rejects-0.0, Infrastructure-2.38Ha, Green belt-0.9Ha, Road & cart-4.55Ha.		
3p	Production of ROM mineral during last five-year period, as applicable	2016-17-0.0MT 2017-18-0.11MT 2018-19-0.25MT	2016-17-NIL 2017-18-NIL 2018-19-NIL (Till date)	
3q	General remarks of inspecting officer on method of mining etc.	NIL		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2017-18)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Proposed as earmarked in plate No.5	Not Done	Mining operations is not commenced yet due to want of statutory clearance.
4b	Location of topsoil, OB & mineral rejects dump			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
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 (2017-18)	Actual work	Remarks
5a	Status on part/ full extraction of mineral from mined out area before starting backfilling	Proposed as earmarked in plate No.5	NIL	Mining operations is not commenced yet due to want of statutory clearance.
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc			

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2017-18)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23 E (2).	Not submitted.	NIL	Mining operations is not commenced yet due to want of statutory clearance.
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	Proposed as earmarked in plate No.5	NIL	
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			
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	NIL		

7.0 Mineral Conservation

SN	Item	Proposals(2017-18)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			
7c	Different grade of mineral sorted out at mines			
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed as earmarked in plate No.5	NIL	Mining operations is not commenced yet due to want of statutory clearance.
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of OB, waste rock, rejects & fines dump for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	5.9Ha/5900Plants in plan period	NIL	
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NIL		

9.0 Compliance of Rule 45

SN.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	Monthly & Annual Returns is not submitted since mining operation is not commenced yet.		Mining operations is not commenced yet due to want of statutory clearance/ EC etc.
S.N	Item		Observation of I/Officer /Actual reported in Returns	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps.	NIL	NIL	
9d	Scrutiny of Annual return on afforestation	NIL	NIL	
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	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NIL	NIL	
9i	Scrutiny of Annual return on fixed assets	NA	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Mine was inspected for examination of Modification of Mining Plan. (Change in lease area etc.) Presently mining operation has not been commenced yet due to want of statutory clearance. All the Boundary pillars of lease area were not erected as per statute & partially available. Presently, No significant violation observed & pointed out.

