

Self-Appraisal Pro-Forma

Name of inspecting officer: Sh. Snehal Patel, AME

Date of Inspection: 22.07.2021

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Dhrabavad Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.5293 Ha
3	Mine code	38GUJ08315
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 Limited Nirma House, Ashram Road, Ahmedabad, State Gujarat, Pin code: 380009 Phone: 079 27546565 Fax: (079) 27546603,27546605
6	Village	Dhrabavad
7	Taluka/Mandal	Gir Gadhada
8	District	Gir Somnath
9	Pin-code	380009
10	State	Gujarat
11	Post office	Una
12	Nearest police station	Una
13	Nearest Railway station	Gir Gadhada Railway station
14	Date of Grant of Mining Lease	21.04.2001
15	Date of Execution	11.12.2001
16	Date of opening of Mine	--
17	Date of first Renewal, if applicable and its period & expiry	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	Sh. Shailesh V Sonara, Director & Nominated Owner, Near Income Tax Circle Ahmedabad, Gujarat PIN-380009, E-mail- mines@nirma.co.in , 079 27546603
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Ashwinbhai Patel, Near Income Tax Circle Ahmedabad, Gujarat PIN-380009, E-mail- mines@nirma.co.in ,
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not appointed, since mine is not working presently.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not appointed, since mine is not working presently.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed, since mine is not working presently.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	MP: 24.01.2001 Letter no 682(23)(90)/2000-MCCM(N)UDP MMP: 29.09.2009 Letter no 682(23)(691)/2009-MCCM(U)UDP
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Scheme of MP : 15.10.2014 Letter no 682(23)(MS-678)/2009-MCCM(U)UDP Scheme of MP : 15.09.2016 Letter no 682(23)(MS-678)/2009-MCCM(U)UDP
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-Other
30	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved Mining plan/Review of mining. -

1.0 Exploration

SN	Item	Proposals (2020-21)	Actual work (2020-2021)	Remarks
1a	Backlog of previous year	No backlog in previous year.	Nil	Discontinuance notice is submitted wef 01.08.2017
1b	Exploration over lease area for Geological axis 1 or 2.	No exploration proposed for the year	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves (MT) as on 01.04.2021	As per UNFC reserve 111-0.075911 & Remaining resources 211 - 0.136359 as per last approved plan.		
1f	General remarks of inspecting officer on geology, exploration etc.	The lease area is having chemical/cement grade limestone & explored in past by way of mined out pit in G1/G2 level.		

2.0 Development

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	N _{max} : 2307380 N _{min} : 2307277	Not Done.	Discontinuance notice is submitted wef 01.08.2017
		E _{max} : 697553 E _{min} : 697785	Not Done.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Proposed benches, regular	Nil	
2c	Stripping ratio or ore to OB ratio	1:0:0	Nil	
2d	Quantity of topsoil generation in m3	Not proposed.	Nil	
2e	Quantity of overburden generation in m3	Not proposed.	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Presently mine is not working.		

3.0 Exploitation

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	Pit 1	Not Done.	Discontinuance notice is submitted wef 01.08.2017
3b	Quantity of ROM mineral production proposed	18510 Tonne	Not Done.	
3c	Recovery of salable /usable mineral from ROM production	90% sized L.st 10% Unsersized L.st	Mine not working since long.	
3d	Quantity of mineral reject generation	Not proposed.		
3e	Grade of mineral reject generation and threshold value declared	Not proposed.		
3f	Quantity of sub-grade mineral generation	Not proposed.		
3g	Grade of sub-grade mineral generation	Chemical/Cement Grade		
3h	Manual / Mechanised method adopted for segregating from ROM	Manual & Mechanised		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed.		
3j	Provision of drilling & blasting in mineral benches	Yes		
3k	Provision of mining machineries in mineral benches	Drifter Drill, Jack Hammer Grill, Compressor, JCB, Pay Loader, Tripper	Mine not working since long.	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m X 3m	
3m	Total area covered under excavation/pits	1.085Ha	
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	0.981 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2016-17 : 11976 2017-18 : 11984 2018-19 : 14580 2019-20 : 18833 2020-21 : 18510	
3q	General remarks of inspecting officer on method of mining etc.	Presently mine is not working.	

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks		
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not proposed, the area is devoid of OB & topsoil.	Mine not working since long.	Discontinuance notice is submitted wef 01.08.2017		
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 (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				No overburden/waste generation in area due to Mine not-working since long.	

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal.	Mine not working since long.	Discontinuance notice is submitted wef 01.08.2017
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			

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2020-21)	Actual work (2020-21)	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.	Proposed	Submitted on 11.08.2021	Discontinuance notice is submitted wef 01.08.2017 to till date.
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	0.08Ha 10 sapling	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	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed Air, water & noise Report	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mine not working since long.		

7.0 Mineral Conservation

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	18510 Tonne	Not Done.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Nil	
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine is not working due to want of EC/Statutory clearance.		

8.0 Environment

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed, since area is devoid of OB/waste/topsoil.	NIL, Mine is not working, hence not applicable.	Discontinuance notice is submitted wef 01.08.2017 to till date.
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps 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)	Proposed 10 no of sapling	Not Done.	
8g	Survival rate	Not done	NIL, Mine is not working, hence not applicable.	
8h	Water sprinkling on roads to control airborne dust	Not proposed		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Presently mine is not working due to want of EC/Statutory clearance.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. submitted- June-2021 & A.R. 2020-21 submitted on 28.05.2021.		
S.N	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA- Presently mine is not working due to want of EC/Statutory clearance.		Discontinuance notice is submitted wef 01.08.2017 to till date.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per given in AR	Lessee has been submitted the Online NIL returns to this office with in time period.	
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- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Presently mine was inspected for Review of Mining Plan inspection. During inspection mine was not working due to want of statutory clearance/ EC & presently no violation found.