

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Januda-Shantipura Limestone Mines (41Ha)
1(b)	Name of Inspecting officer	Sh. G Ram, Sr.ACOM
1(c)	Date of Inspection	04/8/2018, RMP
1(d)	Accompanying officer	Deepak Gaur, Technical Person
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area: 41Ha Survey Nos.: 25,26,31P& 78P,
3	Mine code	38GUJ08346
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9137/2012
5	Name of the lessee, Address, phone, email and fax number	M/s RJ Trivedi & Co. Opp.Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh, Gujarat-362255 shivam_mining@yahoo.com ,9825130999
6	Village	Januda-Shantipura
7	Taluka/Mandal	Malia-hatina
8	District	Junagarh
9	Pin code	362 255
10	State	Gujarat
11	Post office	Malia-hatina
12	Nearest police station	Malia-hatina
13	Nearest Railway station	Malia-hatina
14	Date of Grant of Mining Lease	19.11.1977
15	Date of Execution	23.1.1978 (Expiry-22.1.2028 As per MMDR Act 2015, under process)
16	Date of opening of Mine	1978-79
17	Date of first Renewal, if applicable and its period & expiry	22.1.1997
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	22.1.1997
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Sarmanbhai Jadavbhai vala, M/s RJ Trivedi & Co. Opp. Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh, Gujarat-362255 shivam_mining@yahoo.com ,9825130999
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	M/s RJ Trivedi & Co. Opp.Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh, Gujarat-362255 shivam_mining@yahoo.com ,9825130999
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sarman K. Dhramanchotia,
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA-Violation under provision of Rule 55(1)(3) of MCDR,2017 pointed out to lessee for rectification.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA-Violation under provision of Rule 55(1) (3) of MCDR, 2017 pointed out for rectification.
25	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)/652/2008 /MCCM /N/UDP Dated-31.3.2009, for 2009-10 to 2013-14
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan was approved vide letter 682(23)/757/2010 /MCCM/N/UDP Dated-11.9.2013 for 2013-14 to 2017-18. (22.1.18)
27	Mineral(s) granted in lease	Limestone
28	Method of Mining(Opencast,/UG)	Opencast Mining
29	Category (FM, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

1.0 Exploration

SN	Item	Proposals 2017-18)	Actual work	Remarks
1a	Backlog of previous year	It was proposed to drill 12 number of exploratory boreholes as earmarked in plan period.	Not done,	Violation under provision of Rule 11(1) of MCDR, 17 pointed out.
1b	Exploration over lease area for Geological axis 1 or 2.	Existing developed mine pits.	G1-22.46Ha, G2-2.24Ha, G3-12.99Ha restrict up to developed mine pit only. Further detail exploration proposed in plan period as per provision of MEMC Rule, 2015.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not available		
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed		
1e	Balance reserves (Million Tonnes) as on 01.04.2018	UNFC (111,121&122) – 2.0489 & 0.1935 Million Tonne re-estimated in proposed mining plan (chemical/cement grade limestone.)		
1f	General remarks of inspecting officer on geology, exploration etc.	The part of lease area is still remain for further exploration in lateral as well as depth wise & accordingly proposed plan period as per provision of MEMC Rule 2015.		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was Proposed to work as earmarked in plate no-5 & pages no.16 in for the year in plan period.	Deviated due to lagging/change of place of working as earmarked in plan period.	Deviated due lagging /change of place of working.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Proposed benches in regular manner	Irregular benches	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	Not Proposed	NA	
2e	Quantity of overburden generation in m3	Not Proposed	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work	Remarks
3a	Number of pits proposed for production	It was Proposed to work as earmarked in plate no-5 & pages no.16 in for the year in plan period.	Six pits existed, Deviated from proposal due to lagging/change of place of working.	Deviated due lagging /change of place of working in plan period.
3b	Quantity of ROM mineral production proposed	2017-18=3,49,980T	2017-18– 2,08,631T	
3c	Recovery of salable/usable mineral from ROM production	2017-18=34980T	2017-18– NIL	
3d	Quantity of mineral reject generation	Not Proposed	NIL	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	NIL	
3f	Quantity of sub-grade mineral generation	Not Proposed	NIL	Entire ROM is utilising by proper sorting & sizing/blending.
3g	Grade of sub-grade mineral generation	Not Proposed	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual/mechanised	Manual/mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	J/H Drilling & Blasting	J/H Drilling & Blasting	
3k	Provision of mining machineries in mineral benches	JCB, Tipper, water tanker, Compressor	JCB, Tipper, water tanker, Compressor	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	5-6M-Regular	5-6M-Irregular	

3m	Total area covered under excavation/pits	0.0265Ha in 2017-18 in Plan period	Total Excavated area-about 14.41 ha in irregular manner.	
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	0.0265Ha in 2017-18 in Plan period	Total Excavated area-about 14.41 ha in irregular manner.	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2013-14 – 349800T Yr-2014-15 – 349920T Yr-2015-16 – 349860T Yr-2016-17– 349900T Yr-2017-18– 349980T	Yr-2013-14 – 108300T Yr-2014-15 – 241030T Yr-2015-16 –301900T Yr-2016-17– 152450T Yr-2017-18– 208631T	Chemical/ Cement grade limestone
3q	General remarks of inspecting officer on method of mining etc.	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

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)	Not Proposed	NIL	
4b	Location of topsoil, OB & mineral reject dumps	Not proposed,	NIL	
4c	Number of dumps within lease area and outside lease area	Not Proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	NA	
4e	Number of active & alive dumps	Not Proposed	NA	
4f	Number of dead dumps	Not Proposed	NA	
4g	Number of dumps stabilised	Not Proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific comments of inspecting officer	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2017-18)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	NIL	
5b	Area under backfilling of mined out area	No proposal	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal		
5d	Total area fully reclaimed & rehabilitated	No proposal		
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

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	Proposed	NA	Annual report on PMCP is not submitted for the year & violation pointed out for rectification.
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	0.001Ha & 100m wire fencing 20 No 20m Parapet wall NA	0.001Ha 10 Done partly 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	NA NA	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	Env. Monitoring is being carried out periodical.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

7.0 Mineral Conservation

SN	Item	Proposals (2017-18)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	2017-18=3,49,980T	2017-18– 2,08,631T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual/melanised	Manual/melanised	
7c	Different grade of mineral sorted out at mines	Manual	Manual	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	2017-18-Not Proposed	NIL	
8b	Concurrent use or storage of topsoil	Not proposed	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	N.A	NIL	
8g	Survival rate	No proposal	50-60%	Poor survival
8h	Water sprinkling on roads to control airborne dust	No proposal	Water sprinkling carried out on the haul road.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Violation under provision of Rule 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification.		

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 till date – Before 10 th of every month & A.R. submitted up to till date-	
S.N.	Item	Details GIVEN in A.R. (2016-17/2017-18) Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and	Not appointed/intimated as provision of Rule 55(1)(3) of MCDR,2017 & V/L	

	Manager	pointed out for rectification.		The lessee/ party has not been submitted the online monthly return for the past years with in stipulated time & violation pointed out for rectification. Further annual return submitted on with lot of deficiencies/wrong information & intimated to lessee for rectification.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/C-15.83Ha Plant/Bldg-0.52Ha Storage-0.191Ha PMCP-1.1Ha	O/c-14.41Ha & others deficiencies pointed out in violation letter for rectification.	
9d	Scrutiny of Annual return on afforestation	20 Plants & Survival-10		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	O/s-0, ROM-208631.6T,C/s-0		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	469Rs/T & 449Rs/T		
9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	Electric motor, tipper & others		

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. Violation under provision of Rules 11(1), 45(5) (b) & 45(5) (c), 27(1), 31 (4), 26(2), 55(1) (3) Pointed out for rectification & under process.