

MCDR INSPECTION

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Gop- I Limestone Mines
1(a)	Name of the Lessee	Shree Digvijay Cement Co. Ltd.
1(b)	Name of Inspecting officer & Designation	Shri K S Yadav, RCOM - Gandhinagar
1(c)	Accomp.official	Shri A K Nigam, Shri S N Singh & U.C. Tewari
1(d)	Date & Type of Inspection	02.12.2017, MCDR Inspection
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non Forest – 218.53 Ha. Forest – 0.0 Hectares Total - 218.53 Ha.
3	Minecode	38GUJ07011
4	IBM Registration Number under rule 45 of MCDR, 1988	95/2011
5	Name of the lessee, Address, phone, email and fax number	Shree Digvijay Cement Co. Ltd. Digvijaygram, Sikka, Jamnagar, Mob- 9099037895 Email – anil.nigam@vcimentos.com Fax - 02882344092
6	Village	Gop & Zinavari
7	Taluka/Mandal	Jamjodhpur
8	District	Jamnagar
9	Pincode	360515
10	State	Gujarat
11	Post office	Gop Moti
12	Nearest police station	Jamjodhpur
13	Nearest Railway station	Gop Jam
14	Date of Grant of Mining Lease	01.06.1958
15	Date of Execution	01.06.1958
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	Granted on 05.10.1978, for 20 Years, Executed on 31.03.1979
18	Date of second Renewal, if applicable and its period & expiry	Applied on 25.04.1997 for 20 years up to 31.05.18.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease extended up to 31.03.2030
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri K. K. Rajeev Nambiar , CEO & Whole time Director, Shree Digvijay Cement Co. Ltd. Digvijaygram, Jamnagar Phone No: 0288-2344072-75 rajeev.nambiar@vcimentos.com, Fax no: 0288-2344092 Date of nomination 01.11.2015
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri T L Narendran , AVP(Tech) Shree Digvijay Cement Co. Ltd Digvijaygram, Jamnagar Phone No: 0288-2344072-75 narendran.thimma@vcimentos.com Fax no: 0288-2344092 date of appointment 10.03.2016

22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Shyam Narayan Singh , Manager (Mines) Gop Limestone Mines, Shree Digvijay Cement Co. Ltd Village – Gop , Taluka-Jamjodhpur, Dist.- Jamnagar, Mobile -7574866261 email – shyamnarayan.singh@vcimentos.com , Date of appointment -10-11-2017
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Sudhir Shekhawat, B.E. Mining, +20 Years' Experience. Village – Gop , Taluka-Jamjodhpur, Dist.- Jamnagar. Mob-9099038093, Email – Sudhir.shekhawat@vcimentos.com , Date of Appointment – 01.10.2017
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Geologist – Shri Umesh Chandra Tewari Mining Engineer – Shri Sudhir Shekhawat
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(617)/96-MCCM(N) UDP, dated 22-11-1997 682(23)/MS-626/11MCCM(N)-UDAY, Dated 09.12.2016 (2017-18 to 2021-22)
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	<ul style="list-style-type: none"> • 682(23)/MS-136/2001-UDP, dated 08-02-2002 (2002 to 2007). • Modified 682(23)/MS-249/2004-UDP, dated 23-06-2004. • 682(23)/MS-366/2006-UDP, Dated 08.01.2007 (2007-08 to 2011-12) • 682(23)/MS-326/11MCCM(N)-UDAY, Dated 30.04.2012 (2012-13 to 2016-17) • Mining Plan 682(23)/MS-626/11MCCM(N)-UDAY, Dated 09.12.2016 (2017-18 to 2021-22)
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Fully Mechanised A
30	Captive/Non Captive	Captive of Cement Plant

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

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
1a	Backlog of previous year	Na	NA	NA

1b	Exploration over lease area for Geological axis 1 or 2.	No	No	No
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	NA
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	NA
1e	Balance reserves as on 31.11.2017	2.540 Million Tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.			

2.0 Development

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
2a	Location of development w.r.t. lease area	2017-18 N2437272 - E596323, N2436672 – E595923	No Production during the year 2017-18	It is low grade limestone deposit containing about 36-40 CaO. There was no Requirement of Low grade from Plant
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	1 Bench (Ore), No OB and Top Soil Bench	No Production during the year 2017-18	Top soil is insignificant
2c	Stripping ratio or ore to OB ratio	1:0	No Production during the year 2017-18	Deposit devoid of OB
2d	Quantity of topsoil generation in m3	0 m3	No Production during the year 2017-18	NA
2e	Quantity of overburden generation in m3	0 m3	No Production during the year 2017-18	NA

2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	
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3.0 Exploitation

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
3a	Number of pits proposed for production	Pit No . 10,11,12 &13	No Production during the year 2017-18	No Requirement of Low grade from Plant
3b	Quantity of ROM mineral production proposed	216000 MT	No Production during the year 2017-18	No Requirement of Low grade from Plant
3c	Recovery of salable/usable mineral from ROM production	90%	No Production during the year 2017-18	No Requirement of Low grade from Plant
3d	Quantity of mineral reject generation	0 M3	No Production during the year 2017-18	No Requirement of Low grade from Plant
3e	Grade of mineral reject generation and threshold value declared	NA	No Production during the year 2017-18	No Requirement of Low grade from Plant
3f	Quantity of sub-grade mineral generation	NA	No Production during the year 2017-18	No Requirement of Low grade from Plant
3g	Grade of sub-grade mineral generation	NA	No Production during the year 2017-18	No Requirement of Low grade from Plant
3h	Manual / Mechanised method adopted for segregating from ROM	NA	No Production during the year 2017-18	No Requirement of Low grade from Plant

3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No	No Production during the year 2017-18	No Requirement of Low grade from Plant
3j	Provision of drilling & blasting in mineral benches	Eco-Friendly mining by use of Ripper & Dozer is proposed. No Drilling & Blasting proposed.	No Production during the year 2017-18	No Requirement of Low grade from Plant
3k	Provision of mining machineries in mineral benches	Ripper & Dozer with combination of Excavator/Loader with Truck/Dumpers	No Production during the year 2017-18	No Requirement of Low grade from Plant
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There is no proposal of OB bench and height of mineral bench is suitable for method of mining	No Production during the year 2017-18	No Requirement of Low grade from Plant
3m	Total area covered under excavation/pits	On 31.03.2018 93.500 Ha	No Production during the year 2017-18	No Production during the year 2017-18
3n	Ore to OB ratio for the pit/mine during the year	1:0	No Production during the year 2017-18	No Requirement of Low grade from Plant
3o	Total area put in use under different heads at the end of year	Pit- 93.500 Ha Waste/reject -Nil Others- Nil	No Production during the year 2017-18	No Requirement of Low grade from Plant
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2013-14 -125420.4 Yr-2014-15 -25714.52 Yr-2015-16 -99851.18 Yr-2016-17 -99861.16 Yr-2017-18 - NIL	No Production during the year 2017-18	No Requirement of Low grade from Plant
3q	General remarks of inspecting officer on method of mining etc.			

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
4a		NA	No OB & Mineral reject	

	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)			
4b	Location of topsoil, OB & mineral reject dumps	NA	No OB & Mineral reject	
4c	Number of dumps within lease area and outside lease area	NA		
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA		
4e	Number of active & alive dumps	NA		
4f	Number of dead dumps	NA		
4g	Number of dumps stabilised	NA		
4h	Whether Retaining wall or garland drain all along dumps are there	NA		
4i	Length of Retaining wall or garland drain all along dump	NA		
4j	Number of settling ponds	NA		
4k	Specific comments of inspecting officer			

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NA		
5b	Area under backfilling of mined out area	NA		

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA		
5d	Total area fully reclaimed & rehabilitated	NA		
5e	General remarks of inspecting officer on backfilling, reclamation etc			

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2016-17) & 2017-18	Actual work	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.	Yes	Yes	
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	NA	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	NA	NA	

6d	Compliance of Rehabilitation of waste land within lease	Rehabilitation by making water reservoir.	Rehabilitation by making water reservoir.	
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	i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring to be done.	Monitoring on monthly basis being carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive			

7.0 Mineral Conservation

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM to be dispatched	No Production during the year 2017-18	No Requirement of Low grade from Plant
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA		
7c	Different grade of mineral sorted out at mines	NA		
7d	Any beneficiation process at mines	NA		
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

8.0 Environment

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA		
8b	Concurrent use or storage of topsoil	NA		

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA		
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA		
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	200 Nos of sapling to be planted every year		
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Lease area rocky and deprived of vegetation. As per proposal 200 plants to be planted per year.		
8g	Survival rate	As per Proposal	50%	
8h	Water sprinkling on roads to control airborne dust	NA	No Production during the year 2017-18	No Requirement of Low grade from Plant
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are			

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 - Yes A.R. submitted up to till date- Yes	

S. N.	Item	Details GIVEN in A.R. 2016-17	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer,		

	Geologist and Manager			
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- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

Deposit is low grade worked on intermittent basis. No serious violation was observed during the year.

28/12/2018

K.S.Yadav

Regional Controller of Mines

IBM Gandhinagar