

## MCDR INSPECTION

## 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Gop- I Limestone Mines
1(b)	Name of the Lessee	Shree Digvijay Cement Co. Ltd.
1(c)	Name of Inspecting officer & Designation	Mohammad Nimar (Deputy Controller of Mines)
1(d)	Accomp. official	Mr. Manish Kumar Upadhyay (Sr. G.M-Mines), Mr. Umesh Chandra Tewari (Sr. Manager-Geology), Mr. N Santosh Kumar Manager (Mines)
1(e)	Date of Inspection	19.07.2024
1(f)	Type of Inspection	Star Rating, MCDR
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	Mine code	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- 7861880790 Email - manishkumar.upadhyay@digvijaycement.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	22.11.1945
15	Date of Execution	01.06.1958
16	Date of opening of Mine	01.06.1958
17	Date of first Renewal, if applicable and its period & expiry	Granted on 05.10.1978, for 20 Years,
18	Date of second Renewal, if applicable and its period & expiry	Applied on 05.05.1997 for 20 years up to 31.05.2018.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease term extended till <b>31/03/2030</b> vide MCR-1577-(D-56)-6858-chh-1 dated 15/06/2017
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	<b>Shri R Krishna Kumar</b> , C.E.O & M.D Shree Digvijay Cement Co. Ltd. Digvijaygram, Jamnagar Phone No: 0288-2344072-75 r.krishnakumar@digvijaycement.com, Fax no 0288 - 2344092 Date of appointment 16.12.2023.

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	<b>Shri Manish Kumar Upadhyay</b> , Shree Digvijay Cement Co. Ltd., Digvijaygram, Jamnagar Phone No: 0288-2344072-75 manishkumar.upadhyay@digvijaycement.com Fax no: 0288-2344092 Date of appointment 16.12.2023
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	<b>Shri N Santosh Kumar</b> , Manager of Gop Limestone Mines, Shree Digvijay Cement Co. Ltd Village – Gop, Taluka-Jamjodhpur, Dist.- Jamnagar, Mobile - 7752038929 email - santosh.kumar@digvijaycement.com Date of appointment – 16.02.2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	<b>Shri N Santosh Kumar</b> , Mining Engineer of Gop Limestone Mines, Shree Digvijay Cement Co. Ltd Village – Gop, Taluka-Jamjodhpur, Dist.- Jamnagar, Mobile - 9510974772 email - santosh.kumar@digvijaycement.com Date of appointment – 16.02.2024, 14 Years
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Geologist – Shri U. C. Tewari Mining Engineer – Shri N Santosh Kumar
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	<ul style="list-style-type: none"> <li>682(23) (617)/96-MCCM(N) UDP, dated 22-11-1997</li> <li>682(23)/MS-626/11MCCM(N)-UDAY, Dated 09.12.2016 (2017-18 to 2021-22)</li> <li>684(4)(1)/MP-372/2021-22GNR dated 12.01.2022(RMP) (2022-23 to 2026-27)</li> </ul>
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"> <li>682(23)/MS-136/2001-UDP, dated 08-02-2002 (2002 to 2007).</li> <li>Modified 682(23)/MS-249/2004-UDP, dated 23-06-2004.</li> <li>682(23)/MS-366/2006-UDP, Dated 08.01.2007 (2007-08 to 2011-12)</li> <li>682(23)/MS-326/11MCCM(N)-UDAY, Dated 30.04.2012 (2012-13 to 2016-17)</li> </ul>
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
30	Captive/Non-Captive	Captive

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

#### 1. Exploration

SN	Item	Proposals (2023-24)	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	0	G1-218.53 Ha.	
1c	Exploration Agency &	Nil	Nil	

	Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	Not applicable	
1e	Balance reserves as on 01.04.2024	1.592 million Tonnes	1,592,976.40	
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area of 218.53 Ha has been explored in G1.		

## 2.0 Development

SN	Item	Proposals (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	N2438866 E596179 & N2438617 E 595964	N22.050121,E69.914648 & N22.037828,E69.926692	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not Proposed	Not applicable	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	Not Proposed	Not applicable	Nil
2e	Quantity of overburden generation in m3	Not Proposed	Not applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development work done is in within the proposed limit.		

## 3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No. 2 , 3 & 10,11,12	Pit No. 2 , 3 & 10,11,12 N22.036161 E69.928798 & N22.048721,E69.914537	
3b	Quantity of ROM mineral production proposed	220000 MT	218338.606 MT	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	Not applicable	No Mineral Reject
3e	Grade of mineral reject generation and threshold value declared	34 % Cao	34 % Cao	No Mineral Reject
3f	Quantity of sub-grade mineral generation	Not Proposed	Not applicable	No Sub grade Mineral

3g	Grade of sub-grade mineral generation	Not Proposed	Not applicable	No Sub grade Mineral
3h	Manual / Mechanised method adopted for segregating from ROM	Fully Mechanised	Fully Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not applicable	
3j	Provision of drilling & blasting in mineral benches	Not Proposed	Not applicable	
3k	Provision of mining machineries in mineral benches	Ripper & Dozer with combination of Excavator/Loader with Truck/Dumpers	Ripper-Dozer, Excavator, dumpers	
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	OB-Nil Ore-0.5m-6.0m (Max)	
3m	Total area covered under excavation/pits	116.419 Ha	114.198 Ha	
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	Pit- 116.419 Ha Waste/reject -Nil Others- 3.11 Ha	Pit- 114.198 Ha Waste/reject -Nil Others- 2.908 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2021-22 -243806 Yr-2022-23 -220000 Yr-2023-24 -220000	Yr-2021-22-131406.687 Yr-2022-23-219735.434 Yr-2023-24-218338.606	
3q	General remarks of inspecting officer on method of mining etc.	Mining by use of Ripper & Dozer is proposed. No Drilling & Blasting proposed.		

**4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	Not applicable	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Not applicable	
4c	Number of dumps within lease area and outside lease area	Not Proposed	Not applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Not applicable	
4e	Number of active & alive dumps	Not Proposed	Not applicable	
4f	Number of dead dumps	Not Proposed	Not applicable	
4g	Number of dumps stabilised	Not Proposed	Not applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Not applicable	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Not applicable	
4j	Number of settling ponds	Not Proposed	Not applicable	
4k	Specific comments of inspecting officer	NO work proposed under this head and no work carried out.		

**5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals (2023-24)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	Not applicable	
5b	Area under backfilling of mined out area	Not Proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Proposed	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	NO work proposed under this head and no work carried out.		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2023-24)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in	PMCP report to be submitted in time.	Submitted along with Annual Return	

	the format as given in Annexure-20.		on 21-06-2024	
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	ii) 1.00 Ha iii) 1000 Nos	ii) 1.00 Ha iii) 1000 Nos iv) 9826 Nos	
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	Not Proposed	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation (i)Nos of Plants - 1000 (ii)Area -1.00 Ha	Afforestation (i)Nos of Plants - 1000 (ii)Area -1 Ha	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring to be done.	Environmental monitoring done through outside agency.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Proposal given under PMCP carried out accordingly and Environmental monitoring reports are within the statutory Limits.		

### 7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yr-2021-22 -243806 Yr-2022-23 -220000 Yr-2023-24 -220000	Yr-2021-22-131406.687 Yr-2022-23-219735.434 Yr-2023-24-218338.606	
7b	Method of grade-wise mineral sorting i.e., manual or mechanical	Not Proposed	Not applicable	
7c	Different grade of mineral sorted out at mines	Not Proposed	Not applicable	
7d	Any beneficiation process at mines	Not Proposed	Not applicable	

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No sub grade mineral generated all the mineral produced in consumed.
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### 8.0 Environment

SN	Item	Proposals (2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Proposed	Not applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	1000 saplings	1000 saplings	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Lease area rocky and deprived of vegetation. As per proposal 1000 plants to be planted per year.	9826	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Dust suppression to be done.	Dust suppression done by using water tankers.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Plantation is done as per proposal and the bio diversity park is being maintained.		

### 9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
9a	Status of submission of Online Monthly and Annual returns	Monthly Returns up to Oct'2024 and Annual Return 2023-24 submitted within the stipulated time.	

S. N	Item	Details GIVEN in A.R. 2023-2024	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	ME- N Satosh Kumar Geo- U C Tewari		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	current (O-C) Workings 114.198, Reclaimed-rehabilitated 5.270, Occupied by plant, buildings, residential, welfare buildings and roads 2.908, any other purpose (specify) Water reservoir 1.320, Work done under progressive mine closure plan during the year 1.000	current (O-C) Workings 114.198, Reclaimed-rehabilitated 5.270, Occupied by plant, buildings, residential, welfare buildings and roads 2.908, any other purpose (specify) Water reservoir 1.320, Work done under progressive mine closure plan during the year 1.000	
9d	Scrutiny of Annual return on afforestation	1000	1000	
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	EMP- 189.81 Captive Consumption	EMP- 189.81 Captive Consumption	
9i	Scrutiny of Annual return on fixed assets	₹ 5267015	₹ 5267015	
9k	Scrutiny of Annual return on mining machineries	DOZER 306.000 HP 1, SHOVEL 0.800 CUM 1, WATER TANKER 4000.000 LITRE 1, TRUCK 28.000 TONNE 20	DOZER 306.000 HP 1, SHOVEL 0.800 CUM 1, WATER TANKER 4000.000 LITRE 1, TRUCK 28.000 TONNE 20	



10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- No violations were pointed out in the year 2022-23.

- 1) No significant Violation point in this year also i.e. 2023-24.
- 2) Drone data of the mine has been checked and found that it is not as per SOP hence referred back on DDMS portal.

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