

MCDR INSPECTION

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Chorbedi- 1 Limestone Mines
1(a)	Name of the Lessee	Shree Digvijay Cement Co. Ltd.
1(b)	Name of Inspecting officer & Designation	Shri Naman Ekka (Senior Mining Geologist)
1(c)	Accomp. Official	Mr. Manish Kumar Upadhyay (Sr.GM-Mines), Mr. Umesh Tewari (Sr. Manager-Geology), Mr. Biswajit Kar Manager (Mines) Vikram Mishra (Surveyor)
1(d)	Date & Type of Inspection	09.08.2023/ Star Rating
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest – 178.0 Ha. Forest – 76.89 Hectares Total – 254.89 Ha.
3	Mine code	38GUJ07007
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	Chorbedi
7	Taluka/Mandal	Lalpur
8	District	Jamnagar
9	Pincode	361170
10	State	Gujarat
11	Post office	Lalpur
12	Nearest police station	Lalpur
13	Nearest Railway station	Lalpur
14	Date of Grant of Mining Lease	01.06.1983
15	Date of Execution	07.11.1983
16	Date of opening of Mine	03.02.1984
17	Date of first Renewal, if applicable and its period & expiry	N/A
18	Date of second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Renewal applied on 19.10.2002 for 20 years. Lease term extended till 06/11/2033 vide MCR-1579-(D-30)-4107-Chh.1, dated 14/06/2017
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@digvijaycement.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 R Krishna Kumar , Plant Head, Shree Digvijay Cement Co. Ltd., Digvijaygram, Jamnagar Phone No: 0288-2344072-75 r.krishnakumar@digvijaycement.com Fax no: 0288-2344092 Date of appointment 07.05.2019
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Biswajit Kar, Manager (Mines) Chorbedi-1 Limestone Mines, Shree Digvijay Cement Co. Ltd. Village – Chorbedi, Taluka-Lalpur, Dist.- Jamnagar, Gujarat, Mobile - 9875156625 email –biswajit.kar@digvijaycement.com, Date of Appointment – 20.03.2023
23	Name of the Mining Engineer, Qualification and total experience with Address, phone,	Shri Biswajit Kar, Manager (Mines) Chorbedi-1 Limestone Mines, Shree Digvijay Cement Co. Ltd. Village – Chorbedi, Taluka-Lalpur, Dist.- Jamnagar, Gujarat,

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	email, fax number and date of appointment in mine	Mobile - 9875156625 email –biswajit.kar@digvijaycement.com, Date of Appointment – 20.03.2023 19 Years
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 Mahesh Kumar Khedkar Mining Engineer – Shri Biswajit Kar
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23) (313)/2004-UDP, dated 23/06/2004 684(4)(1) MP-203/2019-GNR- Dated 19.03.2019
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 05/08/2009 682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 14/08/2014 682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 23/09/2016 684(4)(MP-203)/2019-GNR/936, dated 19/03/2019
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.

Exploration:

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	No Proposals	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposals	No	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	
1e	Balance reserves as on 01.04.2023: 3.93 Million Tonnes	400000 Tonnes	297860.670 Tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	As reported Area has been explored in past by Drilling BH		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	N2442988, -E603292, N2442704- E603045 N2442884, -E603569, N2442655- E603418	N2442988,-E603292, N2442704- E603045 N2442884,-E603569, N2442655- E603418	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Nil	Nil	Negligible topsoil
2c	Stripping ratio or ore to OB ratio	1:0	1:0	

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2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development of pits has carried out as per proposal		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No- P-03	P-03	
3b	Quantity of ROM mineral production proposed	4,00,000 MT	297860.670 MT	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	No Mineral Reject
3e	Grade of mineral reject generation and threshold value declared	Nil	34 % Cao	No Mineral Reject
3f	Quantity of sub-grade mineral generation	NA	NA	No Sub grade Mineral
3g	Grade of sub-grade mineral generation	NA	NA	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	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Eco-Friendly mining by use of Ripper & Dozer is proposed. No Drilling & Blasting proposed.	NA	
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	Yes O/B – NA Ore – 6.0 m Yes		

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		O/B – NA Ore – 6.0 m	
3m	Total area covered, under excavation/pits	44.3672 Ha	33.310 Ha
3n	Ore to OB ratio for the pit/mine during the year 2021-22	1:0	1:0
3o	Total area put in use under different heads at the end of year 2021-22	44.3672Ha Waste/reject - Nil Others- 2.1388 Ha	Pit- 33.310 Ha Waste/reject -Nil Others- 2.19 Ha
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2018-19-671556 MT Yr-2019-20-400000 MT Yr-2020-21-400000 MT Yr-2021-22-400000 MT Yr-2022-23-400000 MT	Yr-2018-19-256825.230MT Yr-2019-20-312911.760MT Yr-2020-21-68235.716MT Yr-2021-22 -391996.603MT Yr-2022-23-297860.670 MT
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is Opencast. No Drilling and blasting is being carried out.	

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	NA	No OB & Mineral reject	
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	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active & alive dumps	NA	NA	
4f	Number of dead dumps	NA	NA	
4g	Number of dumps stabilised	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	

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			reservoir.	
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	PMCP as per Proposals has not been carried out.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM to be dispatched.	Total ROM is being dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Beneficiation issue reported.		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	800 Nos of sapling to be planted every year	870 Nos of sapling planted in 2022-23	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Lease area rocky and deprived of vegetation. As per proposal 800 plants to be planted per year.	Yes	

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8g	Survival rate	As per Proposal	70%	
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	Mines is surrounded by Little to no Vegetation.		

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. 2022-2023	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mentioned	Found in order
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mentioned	Found in order
9d	Scrutiny of Annual return on afforestation	Mentioned	Found in order
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Mentioned	Found in order
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Mentioned	Found in order
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Mentioned	Found in order
9i	Scrutiny of Annual return on fixed assets	Mentioned	Found in order
9k	Scrutiny of Annual return on mining machineries	Mentioned	Found in order

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Mines was inspected under Star Rating. Violation of Rule 11(1) Pointed out

Naman Ekka
SMG