

MCDR INSPECTION REPORT

1/12625/2023

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	Snehalkumar Patel, AME
1(c)	Accompanying Mines Representatives	Mr. Umesh Tewari (Sr. Manager-Geology) & Team
1(d)	Type of Inspection	MCDR/Star Rating
1(e)	Date of Inspection	17-03-2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest-178.00 Ha Forest-76.89 Ha Total-254.89 Ha.
3	Minecode	38GUJ07007
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/95/2011
5	Name of the lessee, Address, phone, email and fax number	Shree Digvijay Cement Co. Ltd. Digvijaygram, Sikka, Jamnagar, Mob. 9099037895 E-mail:
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. Period extended as per MMDR amendment act 2015 section 8A(5)(6) up to 06/11/2033 Order from Govt of Gujarat No- MCR-1579-(D-30)-4107-Chh. 1 Date-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, Sikka, Jamnagar, Ph. No. 0288-2344072-75 E-mail:rajeev.nambiar@digvijaycement.com, 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, Sikka, Jamnagar, Ph. No. 0288-2344072-75 E-mail:r.krishnakumar@digvijaycement.com, Date of nomination 07-05-2019
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Dharmendra Kumar Bansal, Manager (Mines) Chorbedi-1 Limestone Mine, Shree Digvijay Cement Co. Ltd. Village- Chorbedi, Taluka-Lalpur, Dist.-Jamnagar, Gujarat Mobile: 8560057503 E-mail: dharmendra.kbansal@digvijaycement.com , Date of nomination 23-02-2023
23	Name of the Mining Engineer,	Shri Dharmendra Kumar Bansal, Manager (Mines)

1/12625/2023

	Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Chorbedi-1 Limestone Mine, Shree Digvijay Cement Co. Ltd. Village- Chorbedi, Taluka-Lalpur, Dist.-Jamnagar, Gujarat Mobile: 8560057503 E-mail: dharmendra.kbansal@digvijaycement.com , Date of nomination 23-02-2023
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Geologist – Sh. Sumit Mishra Mining Engineer- Sh. Dharmendra Kumar Bansal
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, Date – 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-□□□□□(□)□□□□, Dated: 05-08-2009 682(23)(MS-495)/2009-□□□□□(□)□□□□, Dated: 14-08-2014 682(23)(MS-495)/2009-□□□□□(□)□□□□, Dated: 23-09-2016 684(4)(1)/MP-203/2019-GNR-Dated 19-03-2019
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' Fully Mechanised.
30	Captive/Non Captive	Captive

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

1.0 Exploration

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
1a	Backlog of previous year	No Proposal	N.A.	Entire area is explored to G-1 Level
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	N.A.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	N.A.	N.A.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N.A.	N.A.	
1e	Balance reserves as on 01.04.2022 4.27 MT	400000 Tonne	391996.603 Tonne	
1f	General remarks of inspecting officer on geology, exploration etc.	Area has been fully explored to G-1 Level and no further exploration is required.		

2.0 Development

SN	Item	Proposals (2021-22)	Actual work (2021-22)	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,	Pit 3
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	N.A.	N.A.	There is no O/B and there is also no any generation of rejects as a result of the mining operations.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	NA	NA	

I/12625/2023

2e	Quantity of overburden generation in m3	N.A.	N.A.	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The deposit is flat bedded deposit and There is no O/B and there is also no any generation of rejects in the lease area.		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	Pit No. P-03	Pit No. P-03	
3b	Quantity of ROM mineral production proposed	4,00,000 Tonne	3,91,996.603 Tonne	
3c	Recovery of salable/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	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	N.A.	N.A.	
3j	Provision of drilling & blasting in mineral benches	No drilling & blasting. Eco-Friendly mining by use of Ripper & Dozer is proposed.	NA	
3k	Provision of mining machineries in mineral benches	Ripper & Dozer with combination of loader with Truck/Excavator/Dumpers	YES	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes O/B-NA Ore-6.0M	Yes O/B-NA Ore-6.0M	
3m	Total area covered under excavation/pits	44.3672 Ha	26.980 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-44.3672 Ha. Waste/reject -Nil Others- 2.1388 Ha.	Pit-26.980 Ha. Waste/reject -Nil Others- 1.40 Ha.	
3p	Production of ROM mineral during last five-year period, as applicable (MT)	Yr-2017-18-715909 Yr-2018-19-671556 Yr-2019-20-400000 Yr-2020-21-400000 Yr-2021-22-400000	Yr-2017-18-322166.360 Yr-2018-19-256825.230 Yr-2019-20-312911.760 Yr-2020-21-68235.716 Yr-2021-22-391996.603	

1/12625/2023

3g	General remarks of inspecting officer on method of mining etc.	There is no Overburden in mining area and height of benches in mineral is suitable for method of Mining proposed in Plan.
----	--	---

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal,	No OB & mineral reject	
4b	Location of topsoil, OB & mineral reject dumps	N.A.	OB & mineral reject	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	There is no Overburden in mining area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N.A.	N.A.	
4e	Number of active & alive dumps	N.A.	N.A.	
4f	Number of dead dumps	N.A.	N.A.	
4g	Number of dumps stabilised	N.A.	N.A.	
4h	Whether Retaining wall or garland drain all along dumps are there	No	No	
4i	Length of Retaining wall or garland drain all along dump	N.A.	N.A.	
4j	Number of settling ponds	N.A.	N.A.	
4k	Specific comments of inspecting officer	There is no Overburden in mining area as the limestone is outcropping in the area.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is practically no soil covering in this area. So provision for separate stacking of topsoil also has not been made and area is not matured for backfilling.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2021-22)	Actual work (2021-22)	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.	PMCP report submitted in time.	Submitted.	
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	i) Nil Ha. ii) 0.45 Ha. iii) 800 Nos. iv) 4706 Nos v) Reservoir. Nil Ha. vi) 384000/-	i) 5.42 Ha. ii) 4.56 Ha. iii) 9299 Nos. iv) 16170 Nos. v) Reservoir. 6.10 Ha vi) Approx.Rs. 380000/-	

I/12625/2023

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	No proposed iv) Rehabilitation by making water reservoir - Nil	No proposed iv) Rehabilitation by making water reservoir – 5.42Ha.	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) Afforestation Nos of Plants-800 ii) Area -0.45 Ha Rehabilitation by making water reservoir.	i) Afforestation Nos of Plants-9299 ii) Area -4.56 Ha Rehabilitation by making water reservoir.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Air quality monitoring was done as per CCOM's circular 3/92 during mining.	Ambient Air Monitoring, Water quality monitoring and Noise monitoring is being done on monthly basis.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The PMCP returns are submitted on time as per the provision of Rule 26 of MCDR 2017		

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM to be dispatched.	Total ROM to be 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	Found Satisfactory.		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	10 tn encountered and utilized in plantation
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.	Approx. 9300 Nos of sapling planted up to 2021-22.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation was proposed total sapling is 800	Approx. 800 Nos of sapling planted in 2021-22.	
8g	Survival rate	As per proposal.	Approx. 70%	
8h	Water sprinkling on roads to control	Regular water	Regular water	

I/12625/2023

	airborne dust	sprinkling is done on haul road and loading and unloading point	sprinkling is done on haul road and loading and unloading point to control fugitive emission.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic environment in and around lease is beautiful.		

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(2021-22)	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Found in order	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Scrutiny of Annual return on afforestation	Yes	Found in order	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Yes	Found in order	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes	Found in order	
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order	
9k	Scrutiny of Annual return on mining machineries	Yes	Found in order	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- No Violation pending. During inspection No violation found.

□□□□□□□□□□ □□□□
 □□□□ □□ □□□□□□ □□
 □□□□□□□□ □□ □□□□ □□□□□□
 □□□□□□ □□ □□□□□□
