

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	KDK Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Mohammad Nimar , Deputy Controller of Mine
1(c)	Accompanying Mines Representatives	-----
1(d)	Type of Inspection	VIRTUAL WITH HELP OF DRONE DATA.
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	632.0064 Ha.
3	Mine-code	38GUJ05008
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/441/2011
5	Name of the lessee, Address, phone, email and fax number	M/s UltraTech Cement Limited, Unit: Gujarat Cement Works Village – Kovaya, Taluka – Rajula, Dist. – Amreli. Pin-365541
6	Village	Kalsar, Dayal & Kotda
7	Taluka/Mandal	Mahuva
8	District	Bhavnagar
9	Pincode	364130
10	State	Gujarat
11	Post office	Datha
12	Nearest police station	Datha Police Station
13	Nearest Railway station	Mahuva - Junction
14	Date of Grant of Mining Lease	08.01.2017
15	Date of Execution	11.01.2017 (Valid up to 10.01.2067 i.e. 50 years)
16	Date of opening of Mine	28.11.2020
17	Date of first Renewal, if applicable and its period & expiry	As per MMDR Amendment Act-2015, lease period extended for 50 years vide Order No. MCR-102016 –ML–20.CHH.1, dated 12/04/2016 by Govt. of Gujarat. Lease expires on 10.01.2067.
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	Valid up to 10.01.2067
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. K.C. Jhanwar UltraTech Cement Limited, Ahura Centre, “B” Wing, 2nd Floor, Mahakali Caves Road, Andheri (E), Mumbai – 400093, Phone No.: 022 – 66917421 E-Mail: - ajit.ostwal@adityabirla.com Date of appointment - 19.10.2018
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Dinkar Dashora, M/s UltraTech Cement Limited, Unit: Gujarat Cement Works, Village – Kovaya, Taluka – Rajula, Dist. – Amreli. Pin-365541 Mobile – +91 8511118764 Email- dinkar.dashora@adityabirla.com Date of Appointment – 17.02.2023

22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr.Zala HitendraKumar Savdasbhai M/s UltraTech Cement Limited, No-245, Krishnanagar, Near J.P. College Mahuva Taluka, Dist. – Bhavnagar. Pin-364290 Mobile –9824050321 Email- hitendra.zala@adityabirla.com Date of Appointment –24.05.2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr.Zala HitendraKumar Savdasbhai, B.E. Mining, Exp.: 8 years M/s UltraTech Cement Limited, No-245, Krishnanagar, Near J.P. College Mahuva Taluka, Dist. – Bhavnagar. Pin-364290 Mobile –9824050321 Email- hitendra.zala@adityabirla.com Date of Appointment – 24.05.2024
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes Appointed. Mr. Neeraj Sharma. M.Sc. Geology appointed as a Geologist on 26.05.2022 Mr.Zala HitendraKumar Savdasbhai, B.E. Mining appointed as a Mining engineer on 24.05.2024
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Approval Date: 14.01.2021 vide Letter No. 684(4)(1)/MP-308/2020-21-GNR Period from 2021-22 to 2025-2026
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Not applicable
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)	Fully Mechanised
30	Captive/Non Captive	Captive

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

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	65 boreholes in the year 2021-22 with 1566 meterage.	G2 603.0396ha. G3- 15.6545ha. G4- 13.3123 ha	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	28.96 Ha for Geological axis in 1 or 2	G2 603.0396ha. G3-15.6545ha. G4-13.3123 ha.	
1e	Balance reserves as on 31.03.2024 (in Million. Metric Tonne)	122 – 3.771 222 -81.727 333 – 1.532 334 –0.969	122 – 3.771 222 -81.727 333 – 1.532 334 –0.969	

1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area is not explored in G1 level. Violation under Rule 12(4) is being issued.
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2.0 Development

S N	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	BLOCK A Grid Reference EW NS 80802 234092 0 to 1 to 80822 234113 2 7	21.14484815N, & 71.97184163E	Actual Production & Dispatch for the FY 2023-24 is 23.63 Tons.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Height Top soil -2 m Mineral -6 m	No work carried out	
2c	Stripping ratio or ore to OB ratio	Not proposed	Not Applicable	
2d	Quantity of topsoil generation in m3	138676	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 was proposed in 7 pits. However only small part of only 1 pit development work carried out due to local resistance. Pit is verified by drone data.		

3.0 Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	7	Only 1, with co-ordinates as 21.14484815N, & 71.97184163E	
3b	Quantity of ROM mineral production proposed	2,50,000 Tons	23.63 Tons	
3c	Recovery of saleable/usable mineral from ROM production	2,50,000 Tons	23.63 Tons	
3d	Quantity of mineral reject generation	Not proposed	Not Applicable	
3e	Grade of mineral reject generation	Not proposed	Not Applicable	

	and threshold value declared			
3f	Quantity of sub-grade mineral generation	Not proposed	Not Applicable	
3g	Grade of sub-grade mineral generation	Not proposed	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed	Not Applicable	
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, Rock-breaker and Surface-miner for excavation, along with hydraulic excavator-payloader-dumper, Tipper combination for loading and hauling	Excavator, JCB & Tippers	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height Top soil -2 m Mineral -6 m No O/B	Yes, Maximum height of bench in Mineral is 3 m as verified by Drone data.	
3m	Total area covered under excavation/ pits	6.9634 Ha.	0.376 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	Not proposed	Not Applicable	
3o	Total area put in use under different heads at the end of year	Below mentioned area was proposed put in use in different heads: Pit – 6.9634 Ha. Others – 0.2974 ha (Occupied by Roads/Plants/Buildings)	Below mentioned area was actually put in use for different heads: Pit- 0.376 Ha. Others – 0.0 ha (Occupied by Roads/Plants/Buildings) Used for Waste Disposal-0.0 Ha.	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 13,48,376.4 T 2020-21: 18,43,516.8 T 2021-22: 62,500 T 2022-23: 1,25,000 T	2019-20: Nil 2020-21: 29.65 T 2021-22: Nil 2022-23: 17.840 T 2023-24: 23.63 T	.

		2023-24-2,50,000 T		
3q	General remarks of inspecting officer on method of mining etc.	Physical inspection of the Mine could not be done as the lessee has shown his in-ability for inspection due to local resistance. A letter in this regard submitted to this office. Virtual inspection of the mine has been carried out as Directed by RCoM.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	
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 done towards dumping of Solid waste management.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals	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 done towards backfilling of Solid waste management.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals	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.	Proposed to submit as per RULE 23 (E) (2).	Submitted along with Annual Return on 12.06.2024.	No deviation.
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	Not proposed	Not Applicable	

6c	Afforestation done (ha)	1.00 Ha. Proposed for afforestation.	Nil	
6d	No. of saplings planted during the year	2500 Saplings.	Nil	
6e	Cumulative no. of plants	13500 No.	Nil	
6f	Any other specific method of rehabilitation	Not proposed	Not applicable.	
6g	Cost incurred on watch & care during the year	Rs. 2.75 lakhs rupees is proposed in mining plan for the year 2023-24	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	Not proposed	Not Applicable	No deviation
6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	Not proposed	Not Applicable	No deviation
6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	Not proposed	Not Applicable	No deviation
6k	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	Not proposed	Not Applicable	No deviation
6l	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	Not proposed	Not Applicable	No deviation
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	Not proposed	Not Applicable	
6n	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	Not proposed	Not Applicable	
6o	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	Not proposed	Not Applicable	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring of Ambient air quality, water quality, noise level survey and ground vibration is given in mining plan.	Through Outside Agency	All the monitoring values are within the prescribed limits.
6q	General remarks of	Plantation and fencing work has not been carried out as		

	inspecting officer on PMCP compliance & progressive	proposed. Violation under Rule 11(1) is being issued.
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7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	2,50000 Tonne ROM was proposed during FY 2023-24.	23.63 Tons ROM was Production and Dispatch.	
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	Mineral Produced is dispatched. NO Mineral Conservation issue found.		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	1,38,676 cum.	Nil	
8b	Concurrent use or storage of topsoil	1,38,676 cum.	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Not applicable.	No deviation from mining plan.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable.	No deviation from mining plan.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not applicable.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	13500 No.	NIL	
8g	Survival rate	No details given in mining plan	Nil	
8h	Water sprinkling on roads to control airborne dust	Water tankers are proposed for water sprinkling on roads.	Through Water Tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine is surrounded by nearby villages		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	All Monthly Return submitted before 9 th day of every month Annual Return submitted up to- 2023-24 submitted on June 12 th , 2024.		No deviation.
S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer – Zala Hitendrakumar Savdasbhai Geologist –Neeraj Sharma appointed 26.05.2022 Manager – Zala Hitendrakumar Savdasbhai		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 0.376 Ha. Others – 0.0 ha (Occupied by Roads/Plants/Buildings) Used for Waste Disposal-0.100 Ha.	Pit- 0.376 Ha. Others – 0.0 ha (Occupied by Roads/Plants/Buildings) Used for Waste Disposal-0.100 Ha.	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
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	ROM- Nil Grade Wise- Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	219.54/-	219.54/-	
9i	Scrutiny of Annual return on fixed assets	468606701/-	468606701/-	
9k	Scrutiny of Annual return on mining machineries	WHEEL LOADER 0.500 CUM 1,TIPPER 7.500 CUM 1		

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

No any Violation given during earlier Inspection.

This year violation under Rule 11(1) and 12(4) found. Violation letter is being issued.

The mine is virtually inspected through the drone data submitted by lessee.

Star Rating template of the Mine is valuated and the Mines is awarded as 4 stars against self-assessment of 5 Star.

Report on MIDPAS filled (Copy is enclosed).