

MCDR INSPECTION REPORT (Star Rating)**1.0 GENERAL**

SN	Particulars	Details
1	Name of the Mine	KDK Limestone Mine
	Name of the Inspecting officer	Naman Ekka, SMG / 27/03/2023 / Star Rating
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	632.0064 Ha. (No forest land falls within Lease area)
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	NA
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, 2 nd 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. Rami Kandarp Kaushikkumar M/s UltraTech Cement Limited, No-245, Krishnanagar, Near J.P. College Mahuva Taluka, Dist. – Bhavnagar. Pin-364290 Mobile –9909926901 Email- Kandarp.rami@adityabirla.com Date of Appointment – 09.02.2022

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr. Dharmendra Kumar Dhandhala, 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 –9924799776 Email- Dharmendra.dhandhala@adityabirla.com Date of Appointment – 02.08.2021
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 Dharmendra Kumar Dhandhala, B.E. Mining appointed as a Mining engineer on 02.08.2021
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	No any backlog of previous year
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	5 BH, 126 M	We have started Exploration activity on dated 25.01.2023 and Total 5 No. of Bore hole with 126 m drilling completed and exploration work is in under process.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	5 BH, 126 M	VINAYAK ENGI MECH PVT LTD. & Total 3,01,850 Rs expenditure incurred. and exploration work is in under process.
1d	Balance area to be explored to bring Geological axis in 1 or 2	G2 85.49860ha. G3-1.53198ha. G4-0.96942 ha.	G1 -406.9532ha. G2- 220.2765ha. G3-4.7766ha.	We have started Exploration activity on dated 25.01.2023 and Total 5 No. of Bore hole with 126 m drilling completed and exploration work is in under process.

1e	Balance reserves as on 26.03.2023 (in Million. Metric Tonne)	-	Mineral – Limestone 122 – 3.771 222 –81.727 333 – 1.532 334 –0.969	We have started Exploration activity on dated 25.01.2023 and Total 5 No. of Bore hole with 126 m drilling completed and exploration work is in under process. Final Reserve will be updated after the completion of proposed Bore Holes and previous drilling bore hole data update.
1f	General remarks of inspecting officer on geology, exploration etc.	As reported Area has been explored in past by Drilling BH and after that Pitting has been done and influence of already existing pits has also been considered the area to be explored.		

2.0 Development

SN	Item	Proposals		Actual work		Remarks
2a	Location of development w.r.t. lease area	BLOCK A		BLOCK C		EC for 2.074 Million Metric Tonne, As per Approved Mining Plan Production proposed was in FY 2022-23 is 1,25,000 Tons (0.125 Million Metric tonne) and Actual Production & Dispatch for the FY 2022-23 is 17.840 Tons. (0.00001784 Million Metric tonne)
		Grid Reference		Grid Reference		
		EW	NS	EW	NS	
		808082 to 808219	23409 01 to 23414 06	80863 6.4 to 80866 8.2553	2341017 to 2341083	
		Block B1		BLOCK B1		
		Grid Reference		Grid Reference		
		EW	NS	EW	NS	
		802964 to 803157	23397 83 to 23399 76	-	-	
		BLOCK B-2,3,4		BLOCK B-2,3,4		
		EW	NS	EW	NS	
802326 to 802951	23387 26 to 23390 77	-	-			

2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches in topsoil and mineral proposed	Separate benches are maintained	No deviation from mining plan.			
2c	Stripping ratio or ore to OB ratio			No deviation from mining plan.			
2d	Quantity of topsoil generation in m3			No deviation from mining plan.			
2e	Quantity of overburden generation in m3	-	-	No deviation from mining plan.			
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 by separate benches in Top Soil and Mineral.					

3.0 Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	5	1	No deviation from mining plan.
3b	Quantity of ROM mineral production proposed	1,25000 Tons	17.840 Tons	No deviation from mining plan.
3c	Recovery of saleable/usable mineral from ROM production	-	Nil	No deviation from mining plan.
3d	Quantity of mineral reject generation	-	Nil	No deviation from mining plan.
3e	Grade of mineral reject generation and threshold value declared	-	Nil	No deviation from mining plan.
3f	Quantity of sub-grade mineral generation	-	Nil	No deviation from mining plan.
3g	Grade of sub-grade mineral generation	-	Nil	No deviation from mining plan.

3h	Manual / Mechanised method adopted for segregating from ROM	-	Nil	No deviation from mining plan.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation is proposed in the mining plan	No beneficiation is carried out	
3j	Provision of drilling & blasting in mineral benches	-	Nil	
3k	Provision of mining machineries in mineral benches	Excavator, Dumper Trucks	JCB & Tippers are used for development and for mining purpose	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed Bench height 0.5,1.2,3 mtr for ore benches	Mines under development stage	
3m	Total area covered under excavation/pits	6.9634 Ha. Area was proposed.	0.3741 Ha. Area covered under excavation.	
3n	Ore to OB ratio for the pit/mine during the year	-	-	
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- 0.3741 Ha. Others – 0.0 ha (Occupied by Roads/Plants/Buildings) Used for Waste Disposal- 0.100 Ha.	No deviation from mining plan.
3p	Production of ROM mineral during last five-year period, as applicable	2017-18: 5,31,576 T 2018-19: 8,93,907 T 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	2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: 29.65 T 2021-22: Nil 2022-23: 17.840 T	
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	Actual work	
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	Only top soil available and No OB generated. Top soil will be used along the lease boundary and roads for plantation.	
4b	Location of topsoil, OB & mineral reject dumps	-	Nil	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	No deviation from mining plan.

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	No dumps	No deviation from mining plan.
4e	Number of active & alive dumps	Nil	Nil	No deviation from mining plan.
4f	Number of dead dumps	Nil	Nil	No deviation from mining plan.
4g	Number of dumps stabilised	Nil	Nil	No deviation from mining plan.
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	No deviation from mining plan.
4i	Length of Retaining wall or garland drain all along dump	NA	NA	No deviation from mining plan.
4j	Number of settling ponds	NA	NA	No deviation from mining plan.
4k	Specific comments of inspecting officer	As reported No Solid waste generated		

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	-	Mines under development stage	No deviation from mining plan as full extraction of mineral from mine out area is remaining.
5b	Area under backfilling of mined out area	-	Nil	No deviation
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	-	Nil	Top Soil use for plantation purpose
5d	Total area fully reclaimed & rehabilitated	-	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No Back filling of the Mine has been carried out.		

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).	Not submitted for the current year	We will Submit as per the Rule
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No Proposal	Nil	
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	11000 No.	Nil	
6f	Any other specific method of rehabilitation	No proposal given	No other method adopted	No deviation from mining plan.

6g	Cost incurred on watch & care during the year	Rs. 2.75 lakhs rupees is proposed in mining plan for the year 2022-23	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No proposal in mining plan.	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	No proposal in mining plan.		
6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	No proposal in mining plan.	Nil	No deviation
6k	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	No proposal in mining plan.	Nil	No deviation
6l	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	No proposal in mining plan.	Nil	No deviation
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	1.00 Ha area was proposed for afforestation.	Nil	
6n	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	No proposal in mining plan.	Nil	No deviation
6o	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	No proposal in mining plan.	Nil	No deviation
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.	All the compliances related to Monitoring of Ambient air quality, water quality, noise level survey are compiled as per mining plan and No blasting has been carried out	All the monitoring values are within the prescribed limits.
6q	General remarks of inspecting officer on PMCP compliance & progressive	PMCP as per Proposals has been carried out.		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1,25000 Tonne ROM was proposed during FY 2022-23.	17.840 Tons ROM was Production and Dispatch.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No mineral sorting proposal in mining plan.	No mineral sorting is done.	
7c	Different grade of mineral sorted out at	No mineral sorting proposal in mining	No mineral sorting is done.	

	mines	plan.	100% mineral extracted by mechanised method is crushed directly and dispatched to cement plant.	
7d	Any beneficiation process at mines	No beneficiation is proposed in the mining plan.	No beneficiation is carried out.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Beneficiation issue reported.		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	In mining plan it is proposed that Top soil to be utilised concurrently for plantation.	No Excavation of Top Soil	No Plantation Activity due to local Resistance
8b	Concurrent use or storage of topsoil	No proposal given in mining plan.	No top soil stored during the year 2022-23	No deviation from mining plan.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No dumps proposed in mining plan for Overburden or Mineral Rejects.	No dumps available in mines for overburden or mineral rejects.	No deviation from mining plan.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal in mining plan	No Overburden.	No deviation from mining plan.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Phased restoration proposed in mining plan over 1.00 Ha area.		
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	2500 Saplings was proposed in Mining Plan.		
8g	Survival rate	No details given in mining plan		
8h	Water sprinkling on roads to control airborne dust	Water tankers is proposed for water sprinkling on roads.		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mines is surrounded by Vegetation..		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	Monthly Return submitted up to – February-2023 on 09.03.2023. Annual Return has been submitted for 2021-22	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 – Dharmendra Kumar Dhandhala Geologist –Neeraj Sharma appointed 26.05.2022 Manager – Rami Kandarp Kaushikkumar	Mining Engineer – Dharmendra Kumar Dhandhala Geologist – Neeraj Sharma appointed 26.05.2022 Manager – Rami Kandarp Kaushikkumar	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details of land use pattern is given as on 01.04.2023, Pit- 0.3741 Ha. Others – 0.0 ha (Occupied by Roads/Plants/Buildings) Used for Waste Disposal-0.100 Ha.	Details of land use pattern is given as on 01.04.2023, Pit- 0.3741 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		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral rejects given in annual		No mineral rejects available in mines. 100% of mineral utilised with proper blending.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NO ROM Stock available in Mines	-	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Annual Return We will be Submit as per Rule	-	
9i	Scrutiny of Annual return on fixed assets	Fixed assets like, Machinery, Building and land details along with value is given in annual return.	-	
9k	Scrutiny of Annual return on mining machineries	Mining Machinery details are given in annual return.	-	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- No significant violations observed .

Handwritten signature and date
28/4/23

Naman Ekka
SMG