

MCDR INSPECTION REPORT

1) Name of Inspecting officer:	Ibrahim Sharief
2) Designation	DCOM
3) Accompanying mine official with designation	Naval Kishore Sharma (FH-Mines) Sajal Soni (Mines Manager) Shri Sajal Soni (Mining Engineer) Madhusudan Singh (Geologist)
4) Date of Inspection	20.09.2024

Part-I: General

S. N.	Particulars	Details
1	Name of the Mine	Budgauna Extension Limestone Mines s
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: 66.94 Ha. Non-Forest: 21.04 Ha. Total Lease Area: 87.992 Ha
3	Mine code	38MPR41005
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/441/2011
5	Name of the Lease, Address, Phone, email and fax number	UltraTech Cement Ltd. Aditya Vihar P.O Bharatpur Tehsil- Rampur Naikin Distt-Sidhi (MP)
6	Village	Garhatola and Baghwar
7	Taluka/Mandal	Rampur Naikin
8	District	Sidhi (MP)
9	Pin code	486776
10	State	Madhya Pradesh
11	Post Office	Bharatpur
12	Nearest Police Station	Piprav Chouki
13	Nearest Railway Station	Rewa
14	Date of Grant of Mining Lease	08.02.2013
15	Date of Execution	21.02.2013
16	Date of opening of Mine	27.07.2015
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	N/A
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	K.C Jhanwar B-Wing Ahura Center 2nd Floor Mahakali Caves Road, Andheri (East), Mumbai-400093 Date of Appointment: 19.10.2018
21	Name of the Mine Agent with Address, phone,	Shri Naval Kishore Sharma

	email, fax number and date of appointment	Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP) Date of Appointment: 27.01.2024
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Sajal Soni Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)-486776 Date of Appointment: 01.04.2024
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Sajal Soni Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)-486776 Date of Appointment: 01.04.2024 BE in Mining (10+ years)
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Shri Madhusudhan Singh
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Review of Mining Plan approval on 24.11.2021 for period from 2022-23 to 2026-27 (Running). Letter No: MP/Sidhi/Limestone/RMP-49/2021-22 dtd 24.11.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	N/A
27	Mineral(s) granted in lease and approved for Mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

Details about Mining Plan/ Mining Scheme

a) Letter No. and date of approval of mining plan	:	MP/Sidhi/Limestone/RMP-49/2021-22 dtd 24.11.2021
b) Letter No. and date of approval of mining scheme.	:	NA
c) Condition while approving the MP/ MS/ modification	:	-
d) Period of mining plan/ mining scheme in force	:	01.04.2022 to 31.03.2027

PART III-MCDR Report details.

1. **Scientific Mining:** Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for Geological axis	G1- 87.992 Ha.	G1- 87.992 Ha	

	1 or 2.			
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No proposal	Nil	Lessee
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No proposal	Nil	Entire area is explored in G1 scale
1e	Balance reserves as on 31.03.2024	16,626,686.49	16,626,686.49	In tonnes
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire area is explored in G1 scale		

2. Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit 1 & 2: E 535698 to 536062 & N 2692198 to 2692637	E 535698 to E 535961 & N 2692198 to N 2692563	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Top soil-1, Over burden-3, Ore -3	Top soil-1, Over burden-3, Ore -3	
2c	Stripping ratio or ore to OB ratio	1:0.49	1:0.74	
2d	Quantity of Topsoil generation in m ³	1342	1342	
2e	Quantity of overburden generation in m ³	296952	244951	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development carried out as per approved proposals.		

3. Exploitation FY 2023-24

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Two pits	Two pits	
3b	Quantity of ROM mineral production proposed (in Tonnes)	600000	328874	Less production due to less demand of cement
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral reject generation	No Proposal	Nil	

	and threshold value declared			
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	No Proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	Yes, Deep hole drilling and blasting with High Explosives is used in mineral benches	Yes, Deep hole drilling and blasting with High Explosives is used in mineral benches	
3k	Provision of mining machineries in mineral benches	Back Hoe-3 Tipper-16 Drill Machine- 02 Dozer- 01 Explosive Van-01 Water tanker-2	Back Hoe-3 Tipper-16 Drill Machine- 02 Dozer- 01 Explosive Van-01 Water tanker-2	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 8 meter bench height is suitable for the proposed production using HEMM	Yes	
3m	Total area covered under excavation /pits (Ha.)	The total area covered under excavation/pits at the end of the plan period 2026-27 is 16.107 Ha.	The total area covered under excavation/pits at the end of the plan period 2022-23 is 9.688	
3n	Ore to OB ratio for the pit/mine during the year	1:0.49	1:0.74	
3o	Total area put in use under different heads at the end of year	Pit- 9.668 Ha, Waste disposal- 5.35 Ha, Infrastructure- 2.62 Ha, Other- 0.24 Ha- Total- 17.90	Pit- 9.668 Ha, Waste disposal- 5.35 Ha, Infrastructure- 2.62 Ha, Other- 0.24 Ha- Total- 17.90	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20: 600011 2020-21: 720253 2021-22: 600000 2022-23: 600000 2023-24: 600000	2019-20: 30135 2020-21: 282434 2021-22: 458464 2022-23: 376724 2023-24: 328874	
3q	General remarks of inspecting officer on method of mining etc	Excavation has been carried out from two pits as per proposal.		

4. Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of topsoil, OB is proposed	OB- WD-1, Separate dumping of OB is maintained	
4b	Location of topsoil, OB & mineral reject dumps	Top Soil- No Proposal OB- E 536074 to 536425 N 2692683 to 2692739 Mineral Reject- No Proposal	OB- E 536074 to 536425 N 2692683 to 2692739	
4c	Number of Dumps within lease area and outside lease area	WD-1	WD-1	No dump proposal out side the lease area
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Proposed outside UPL	Dump at outside UPL	
4e	Number of Active & Alive dumps	WD-1	WD-1	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps established	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes, proposed	Yes, maintained	
4i	Length of Retaining wall or garland drain all along dump	Proposed GD: 450m Proposed RW: 120m	GD: 450m RW: 80m	
4j	Number of settling ponds	No Proposal	Nil	
4k	Specific commends of inspecting officer on waste dump management	Waste dumping is carried out in WD-1, protective measures like Retaining wall, Garland drain,settling pond is maintained .		

5. Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Nil	No area is matured for reclamation
5b	Area under backfilling of mined out area	No Proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Yes	Yes, used in plantation work	
5d	Total area fully reclaimed & rehabilitated (Ha)	No Proposal	Nil	
5e	General remarks of inspecting officer on			

	backfilling, reclamation etc	
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6. Progressive Mine Closer Plan

S.N.	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	Yes, Annual report on PMCP submitted on time	Yes, Annual report on PMCP submitted on time	
6b	Area available for rehabilitation (Ha)	No Proposal	Nil	
6c	Afforestation done (ha)	1.00	1.00	
6d	No. of saplings planted during the year	2000	2000	
6e	Cumulative no. of plants	-	9070	
6f	Any other specific method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch & care during the year	-	Rs. 56271.25	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Nil	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	No Proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	No Proposal	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No Proposal	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No Proposal	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	No Proposal	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No Proposal	Nil	

6p	Compliance of Environment monitoring (core zone & buffer zone)	Quarterly monitoring of Air, Water, Noise is proposed	Complied	
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No reclamation & Rehabilitation , Environment monitoring is being done quarterly		

7. Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	600000 produced is to be dispatched	328874 produced is being dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	Nil	
7c	Different grade of mineral sort out at mine	No Proposal	Nil	
7d	Any beneficiation process at mines	No Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral was dispatched.		

8. Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	1342cum	1342 cum	
8b	Concurrent use or storage of topsoil	Concurrent reuse of topsoil has been proposed.	The topsoil generated has been reused for plantation purposes.	No stacking, concurrent use in planation work
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Separate waste dumps Proposed - WD-1	Separate waste dumps are maintained WD-1	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	
8f	Baseline information on existence of	2000	2000	

	plantation & additional plantation done (Rule 41)			
8g	Survival rate	85%	80%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling done as per proposal	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Plantation carried-out to improve aesthetic beauty, Water sprinkling is done to suppress the dust.		

9. Compliance of Rule 45 (2023-24)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly Returns submitted till August'2024 & Annual Returns submitted for FY:2023-24.	Monthly Returns & Annual Returns submitted on time
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	M.E: Sajal Soni Geologist: Madhusudan Singh Manager: Sajal Soni	All are employed in the mine
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pit: 9.688 Ha Dump: 5.137 Ha Infrastructure: 1.458 Ha Other (GD, RW): 0.223 Ha	Pit- 9.668 Ha, Waste disposal- 5.35 Ha, Infrastructure- 2.62 Ha, Other- 0.24 Ha- Total- 17.90
9d	Scrutiny of Annual return on afforestation	Actual- 2000Nos Survival rate- 85%	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	No Proposal	
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Sale Value- Rs. 0.00 Ex Mine Price- Rs. Rs.428.21/tonne Production costs- Rs.428.21/tonne	
9i	Scrutiny of Annual return on Fixed assets	Total value of Fixed Assets Rs. 2438841126	As reported by Lessee
9k	Scrutiny of Annual return on mining Machineries	Back Hoe-1.0 cum-3 Nos. Tipper-12 cum- 6 No. Drill Machine- 100mm- 01 No. Dozer- 301 HP- 01 No. Explosive Van-01 Water tanker-2	The above machineries are deployed in the lease

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Compliance position of earlier violation pointed out	
Date of Last Inspection	07.07.2023
Type of Inspection	MCDR
Inspection Officer	Sudip Ranjan Mazumdar, SMG
Violations Pointed Out	Nil
Violations pointed out during Current Inspection	
Type of Inspection	MCDR
Inspection Officer	Shri Ibrahim Sharief, DCOM
Violations Pointed Out	Nil

Date:

Signature of inspecting officer