

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/DHAR/LST-58

Mine code : 38MPR12076

- (i) Name of the Inspecting : **SQ23**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 22-DEC-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MOHANPURA LIMESTONE MINE (**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : DHAR
Village : MOHANPURA
Taluka : GANDHWANI
Post office : GANDHWANI
Pin Code : 454446
FAX No. : +912266928109
E-mail : kk.maheshwari@adityabirla.c
Phone : +912266917800
- (f) Police Station : Dhar
- (g) First opening date : 28-SEP-17
- (h) Weekly day of rest : SUN
2. Address for : M/S ULTRATECH CEMENT LIMITED
correspondance : B' Wing, Ahura Centre, 2nd floor,
Mahakali caves road, Andheri(E), Mumbai 400 093
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S ULTRATECH CEMENT LIMITED
NAYAGAON KANKA KHOR
VILLAGES KHOR POST JAWAD
TAHSIL NIMACH MADHYA
PRADESH
Phone:07420230109
FAX :07420235524

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	72	NIL	
1b	Exploration over lease area for geological axis 1 or 2	45 nos. of Borehole and 1619m	Nil	Could not be done due to local villager's issues
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	917 Ha	G-2, 17.32 HECT, AREA BALANCE IN G1=899.67 HECT	EXPLORATION DONE IN REA UNDER G3 AND G4 BY 78 HOLES AND 883 MTR DRILLING.
1e	Balance reserve as on 01/04/20	-	7 mio. Tones	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration work is not done .

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Easting: 507658 to 507871 Northing: 2473472 to 2473587	-	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.32	NIL	

2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			OVERBURDEN Removal was in progress. benches of 2mtr height have been formed in soil.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	1,06,860 MT	2,137 MT	
3c	Recovery of sailable/usable mineral from ROM production	No	No	ROM
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA
3j	Provision of drilling and blasting in mineral benches	Yes	Yes
3k	Provision of mining machineries in mineral benches	Yes	Yes
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes
3m	Total area covered under excavation/pits	2.78	0.2 HECT
3n	Ore to OB ratio for the pit/mine during the year.	1:0.32	NA
3o	Total area put in use under different heads at the end of year	-	PIT =0.2 HECT Infrastructure: 0.25 Ha GREEN BELT=2.5 HECT
3p	Production of ROM mineral during the last five year period as applicable	2019-20 110000 MT 2018-19 50000 MT 2017-18 30000 MT 2016-17 802813 MT 2015-16 802188 MT	2019-20 2137 MT 2018-19 17 2017-18 0 2016-17 2015-16 0

3q General remarks
of inspecting
officers on
method of mining
etc.

Proposals are not
implemented in 19-
20. Very less
production is
achieved in 19-
20. PRODUCTION
/DEVELOPMENT
PROPOSALS ARE NOT
IMPLEMENTED AT ALL
IN LAST 5 YEARS.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Done	
4b	Location of topsoil, OB and mineral reject dumps	Easting: 507763 to 507977 Northing: 2474436 to 2474324	NOT DONE.WASTE REMOVAL IS NOT DONE.	Waste dumps
4c	Number of dumps within lease area and outside of lease area	1	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active and alive dumps.	NA	NA	
4f	Number of dead dumps.	NA	NA	
4g	Number of dumps established.	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 dumps	NA	NA	
4j	Number of settling ponds	NA	NA	
4k	Specific comments of inspecting officer on waste dump management			NO work has been done during the year.VIOLATION IS POINTED OUT.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	NA	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No proposals for backfilling during the year

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Yes	Submitted on 12-05-2020
6b	Area available for rehabilitation (ha) .	No Proposal	No Proposal	
6c	afforestation done (ha).	No Proposal	No Proposal	
6d	No. of saplings planted during the year	No Proposal	No Proposal	
6e	Cumulative no .of plants	No Proposal	No Proposal	
6f	Any other method of rehabilitation	No Proposal	No Proposal	
6g	Cost incurred on watch and care during the year	No Proposal	No Proposal	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposal	No Proposal	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	No Proposal	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No Proposal	No Proposal	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	No Proposal	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No Proposal	No Proposal	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	1000 no. of sapling over an area :0.40 Ha Green Belt Development	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	1000 no. of sapling over an area :0.40 Ha Green Belt Development	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	1000 no. of sapling over an area :0.40 Ha Green Belt Development	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	Yes done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The plantation work is not done. VIOLATION IS POINTED OUT.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	ROM	
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 .	NO	NO	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			ROM mineral mined from benches is sent sent to Crusher .

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	To be done	
8b	Concurrent use or storage of topsoil	Store	Stored and Utilized	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not in Review Year	Not in Review Year	Not in Review Year	In future
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	In future	In future	In future	In future
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	To plant 1000 nos in 0.4 hect area	2019-20 no plantation has been done.		
8g	Survival rate	NA	NA		
8h	Water sprinkling on roads to control airborne dust	Yes	Yes		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area				Plantation is not done in year 19-20. however plantation done in past is seen on periphery of mines

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes	Yes	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Mr. Mahesh Chandra Shrimali Geologist: Mr. Santosh Sharma	Mining Engineer: Mr. Mahesh Chandra Shrimali Geologist: Mr. Santosh Sharma
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Green Belt: 3.470	Green Belt: 3.470
9d	Scrutiny of Annual return on afforestation	Green Belt: 3.470	Green Belt: 3.470
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA, No mineral reject.	NA, No mineral reject.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No stock	No stock
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value: NA Ex-mine price: Rs. 326.10 per MT	Sale Value: NA Ex-mine price: Rs. 326.10 per MT
9h	Scrutiny of Annual return on fixed assets	Fixed Asset Rs. 221,41,75,305/ - (Common wth Sitapuri Mines)	Fixed Asset Rs. 221,41,75,305/- (Common wth Sitapuri Mines)

9k	Scrutiny of Annual return on mining machineries	Separate list of mining machineries enclosed. Backhoe Excavators Caterpillar / 320-D 1.14 cubic mtr / 162 HP engine- 1 nos, Tippers Mahindra / Turbo-25 25 MT capacity 4nos, Tippers Ashok Leyland / U-2518T, 25 MT capacity-3nos	List of machinery used is given.
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Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	22-APR-21			

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines