INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/PAL-46/LIM-4 **Mine code : 38RAJ21011**

(i) Name of the Inspecting Officer and ID No. : **B(019) Baj V B**

(ii) Designation : Assistant Mining Geologis

(iii) Accompaning mine Official with Designation : Pradeep Sharma, Mines Managar

(iv) Date of Inspection : 08-MAR-16

(v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MOHRAI DAGLA 29/99**

(b) Registration NO. : **IBM/441/2011**

(c) Category : A Fully Mechanised

(d) Type of Working : Opencast

(e) Postal address

State : RAJASTHAN
District : PALI
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 01412378980
E-mail : jagdish.gadiya@adityabirla
Phone : 01412378481

(f) Police Station : Jaitaran

(g) First opening date : 20-JUL-15

(h) Weekly day of rest : SUN

2. Address for correspondance : C-98,Sanghi UpasanaTower
Subhash Marg,
Jaipur(Rajasthan)-302001.

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	:	ULTRA TECH CEMENT LTD. B WING, AHURA CENTRE, 2nd FLOOR, MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI MUMBAI (SUBURBAN) MAHARASHTRA Phone:+911412378980/81 FAX :+911412378980
Owner	:	ULTRA TECH CEMENT LTD. B WING, AHURA CENTRE, 2nd FLOOR, MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI MUMBAI (SUBURBAN) MAHARASHTRA Phone: +911412378980/8 FAX : +911412378980
Agent	:	ULTRA TECH CEMENT LTD. B WING, AHURA CENTRE, 2nd FLOOR, MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI MUMBAI (SUBURBAN) MAHARASHTRA Phone: +911412378980/81 FAX : +911412378980

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 19-MAR-13

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	As per approved modified MP total 45 bore holes were proposed to drill in block A, B & E to porve limestone bed.	No bore holes has been observed.	Nil.
1b	Exploration over lease area for geological axis 1 or 2	As per approved modified MP total 45 bore holes were proposed to drill in block A, B & E to porve limestone bed.	No such bore holes were observed during inspection. Total 17 holes were drilled in 1999-2000 coering 945.75 m length.	nil.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Proposed exploration was to be carried out by the lessee.	Nil.	Nil.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No propsal for balance area to be proved.	As per Geologist about 204 hect. area is yet to be explored for Geological axis 1 & 2.	Nil.
1e	Balance reserve as on 01/04/20	Reserves as on 1/03/2016 is 159.002 million tonnes.	Reserves as on 1/03/2016 is 159.002 million tonnes.	Nil.
1f	General remarks of inspecting officers on geology, exploration etc	Nil.	Reassesment of reserves on the basis of exploration data should be carried out.	Nil.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks

2a	Location of development w.r.t.lease area	In block A & B N2896440 to 2897140, E407340 to 407800.	Development activity was not started because the mine is captive for cement plant which has not been commenced so far.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	The separate benches for overburden is proposed.	No excavation work has been started in the mine due to delay in commencement of cement plant.	Nil.
2c	Stripping ratio or ore to OB ratio	For first year 1 : 0.01.	Nil.	Mining has not been started due to delay in errection of cement plant.
2d	Quantity of topsoil generation in m3	27551 m3	Nil	Mining has not been started due to delay in errection of cement plant.
2e	Quantity of overburden generation in m3	27551 m3	Nil	Mining has not been started due to delay in errection of cement plant.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal.	The representative of lessee has reported that due to delay in change of land use and consent to establishment of cement plant.	Captive mine for cement.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Porduction has been proposed in Block-A & B in one pit.	No production & development work due to non commencement of cement plant.	Captive limestone mine.
3b	Quantity of ROM mineral production proposed	ROM proposed for the first year- 1981538 tonnes.	Nil	Cement plant yet commenced.
3c	Recovery of sailable/usable mineral from ROM production	ROM proposed for the first year- 1981538 tonnes.	Nil	Cement plant yet commenced.
3d	Quantity of mineral reject generation	Mineral reject 17992 tonne.	Nil	Mining work not started.

3e	Grade of mineral rejects generation and threshold value declared.	Mineral rejects 17992 tonne.	No mineral reject as threr is no production.	Nil.
3f	Quantity of sub grade mineral generation.	No rpoposal.	Not applicble.	Nil.
3g	Grade of sub grade mineral generation	No proposal.	Not applicable.	Nil.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Porduction work has not been started.	Nil.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal as no sub grade.	Not applicable.	Nil.
3j	Provision of drilling and blasting in mineral benches	Drilling & blastin is proposed in mineral bench.	Development work has not been commenced.	Nil.
3k	Provision of mining machineries in mineral benches	Exploration work is proposed to be carried out by machineries.	Development work has not been started.	Nil.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, benches in OB and mineral are sitable for proposed method in modified MP.	No bench formation and excavation work in the mine has started.	Nil.
3m	Total area covered under excavation/pits	In first year proposed to cover under excavation/ pit is 2.74 hect.	Nil.	Due to delay in cement plant errection.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.01	Nil	Due to delay in cement plant errection.
3o	Total area put in use under different heads at the end of year	Under excavation / pit is 2.74 hect. Green belt - 2.0 hect.	Under excavation / pit is 2.74 hect. Green belt - 0.15 hect.	Nil.

3p	Production of ROM mineral during the last five year period as applicable	During first year (2015-16) - 19.81 million tonnes.	Nil.	Due to delay in commencement of cement plant.
3q	General remarks of inspecting officers on method of mining etc.	No proposal.	Production 7 development work has not been started.	Due to delay in commencement of cement plant.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of OB is proposed.	No topsoil & OB is generated.	----
4b	Location of topsoil, OB and mineral reject dumps	Separate dumping of OB is propoesd. The top soil is to be used for plantation.	No top soil & OB is generated.	Due to delay plant errection.
4c	Number of dumps within lease area and outside of lease area	Waste dump between grid line N2897060 to N2897230. No topsoil stacked.	No topsoil & OB is generated.	No excavation.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps within lease area.	At present no dump.	Due to delay plant errection.
4e	Number of active and alive dumps.	One active dump.	No dump is created due to generation of mining waste.	Nil.
4f	Number of dead dumps.	No such proposal.	There is no dead dump.	Nil.
4g	Number of dumps established.	No such proposal for the year 2015-16.	No dump established.	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there.	Construction of retaining wall & garland drain is proposed.	No dump as no exacavation work is carried out.	Nil.

4i	Length of Retaining wall or garland drain all along dumps	Not specified.	No excavation work has been commenced.	Nil.
4j	Number of settling ponds	No proposal.	Not applicable.	Nil.
4k	Specific comments of inspecting officer on waste dump management	No proposal	No waste dump management is satarted as there is no excavation.	Due to delay plant errection.

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.	Extraction of mineral has not been started and no proposal of backfilling during 2015-16.	Not applicable.	Nil.
5b	Area under backfilling of mined out area	No proposal.	Not applicable.	Nil.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The topsoil will be used for plantation is proposed.	No topsoil is generated as excavation work has not been started.	Nil.
5d	Total area fully reclaimed and rehabilitated	No proposal.	Not applicable.	Nil.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Excavation work has not been started.	Nil.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No proposal.	The annual report on PMCP for the year 2015-16 is not due at the time of inspection.	Nil.

6b	Area available for rehabilitation (ha) .	No proposal for the year 2015-16.	Not applicable.	Nil.
6c	afforestation done (ha).	2.0 hect.	0.4 hect. area covered under afforestation.	Nil.
6d	No. of saplings planted during the year	Total 3000 saplings.	Nil.	Nil.
6e	Cumulative no .of plants	Total 3000 saplings.	Total 1000 saplings.	Nil.
6f	Any other method of rehabilitation	No proposal.	Not applicable.	Nil.
6g	Cost incurred on watch and care during the year	Rs. 60,000/- for the first year.	Nil.	Nil.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Excavation work has not been started.	Nil.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	No void is mature for backfilling.	Nil.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal.	No backfilled area at present.	Nil.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Not applicable.	Nil.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Not applicable.	Nil.

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Not applicable.	Nil.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Not applicable.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Not applicable.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring of air & water is proposed.	Quarterly monitoring of air & water is being carried out.	Nil.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	No excavation and development work has been done. No land, air, noise and water pollution is observed.	Nil.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	For the first year(2015-16) 1981538 million tonnes.	Nil.	Cement plant not errceted.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical.	At present no sorting is carried out.	Nil.
7c	Different grade of mineral sorted out at mines.	No proposal.	At present no sorting is carried out.	Nil.
7d	Any beneficiation process at mines .	No proposal.	Not applicable.	Nil.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Presently no development activity and production is ccarried out due to non commencement of cement plant.	Nil.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The separate removal and utilization of topsoil for plantation is proposed.	At present no topsoil is removed as excavation work is yet to be started.	Nil.
8b	Concurrent use or storage of topsoil	The separate removal and utilization of topsoil for plantation is proposed.	No topsoil removed or stored.	Nil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	The waste generated is proposed to be dumped separately.	No OB/waste is removed & dumped.	Nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Actually no overburden/waste is removed & dumped.	Nil.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for the year 2015-16	Not applicable.	Nil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal for 2015-16.	In addition to saplings planted the locally grown vegetation exist in the leases area.	Nil.

8g	Survival rate	No proposal.	About 70% reported by the representative.	Nil.
8h	Water sprinkling on roads to control airborne dust	No proposal.	No airborne dust as no dumpers are plying in the mine.	Nil.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	No development and production is being started.The aesthetic beauty in and around mine is good.	Nil.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Online monthly returns and online annual return for the year 2015-16 has been submitted.	Online monthly returns and online annual return for the year 2015-16 has been submitted.	Nil.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The information for appointment of ME, Geologist and Manager furnised.	The information for appointment of ME, Geologist and Manager furnised.	Nil.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information on land use for area under pit, recliamed area dumps attended.	No area is covered under pits, dump and reclaimed.	Nil.
9d	Scrutiny of Annual return on afforestation	Information on afforestation is filled.	Information on afforestation is filled.	Nil.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	The detils of mineral rejects attended.	Presently there is no mineral rejects generation.	Nil.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The detils on ROM stock attended.	There is no ROM generation presently.	Nil.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The details on sale value, Ex mine price and production attended.	The details on sale value, Ex mine price and production attended.	Nil.

9h	Scrutiny of Annual return on fixed assets	The details on fixed assets attended.	The details on fixed assets attended.	Nil.
9k	Scrutiny of Annual return on mining machineries	The detils on mining machineries given.	The detils on mining machineries given.	Nil.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(**Baj V B**)

Indian Bureau of Mines