INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/NGR-38RAJ20008 **Mine code : 38RAJ20008**

(i) Name of the Inspecting Officer and ID No. : **P019) Parkash Chetan**

(ii) Designation : Assistant Mining Geologis

(iii) Accompaning mine Official with Designation : Amit Sharma, geologist and Shri Pankaj Saran, Mining

(iv) Date of Inspection : 06-NOV-17

(v) Prev.inspection date : 23-DEC-16

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MUNDWA**

(b) Registration NO. : **IBM/447?2011**

(c) Category : A Manual

(d) Type of Working : Opencast

(e) Postal address

State : RAJASTHAN
District : NAGAUR
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 022-40667711
E-mail : vijay.kumar@ambujacement.c
Phone : 022-66167268

(f) Police Station :

(g) First opening date : 21-SEP-88

(h) Weekly day of rest : SUN

2. Address for correspondance : M/S Ambuja Cement Ltd.
P.O. Rabriyawas, Tehsil- Jaitaran,
Disstt. - Pali (Rajasthan)

3. (a) Lease Number : RAJ5233
(b) Lease area : 699.9
(c) Period of lease : 50
(d) Date of Expiry : 05-SEP-61

4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee	:	AMBUJA CEMENT VILL- RABRIYAWAS PO.- JAITARAN DIST- PALI PALI RAJASTHAN Phone:02939-3011, 3012 FAX :3717879, 01462-20917
Owner	:	AMBUJA CEMENT RABARIYAWAS JETARAN, PALI PALI RAJASTHAN Phone: FAX :
Agent	:	AMBUJA CEMENT RABARIYAWAS JETARAN, PALI PALI RAJASTHAN Phone: FAX :

Mining Engineer

Name	:	Pankaj Kumar Saran,Full Time
Qualification	:	BE(Mining)
Appointment/ Termination date	:	18-SEP-17

Geologist

Name	:	Shri Vijay Kumar,Full Time
Qualification	:	MSc (AppliedGeology) and M. Tech(Engg. G
Appointment/ Termination date	:	18-SEP-17

6. Date of approval of Mining Plan/Scheme of Mining : MP modif under 17(3) MCR 2016 26-SEP-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	4 bore hole drill was proposed for the year 2016-17	Not yet undertaken	Violation of rule 11(2) of MCDR 2017 is being pointed out to lessee.
1b	Exploration over lease area for geological axis 1 or 2	4 bore hole drill was proposed for the year 2016-17	Not undertaken.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Geotech exploration, Nagpur	No exploration work is undertaken during the year 2016-17	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Not applicable	
1e	Balance reserve as on 01/04/20	85.39 million tonnes under 111 category as on 1/4/2017	No change as on 1/4/2017	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	No exploration work as proposed in last approved mining plan has been under taken.	Violation of MCDR 2017 is being pointed out to lessee.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Not proposed during 2016-17	Not applicable.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not applicable.	Not applicable.	
2c	Stripping ratio or ore to OB ratio	Not applicable.	Not applicable.	
2d	Quantity of topsoil generation in m3	Not applicable.	Not applicable.	

2e	Quantity of overburden generation in m3	Not applicable.	Not applicable.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable.	No specific comments on Development as no development work was started.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Not proposed during the year 2016-17	Not applicable.	Mining operation not commenced.
3b	Quantity of ROM mineral production proposed	Not proposed	Not applicable.	
3c	Recovery of sailable/usable mineral from ROM production	Not applicable.	Not applicable.	
3d	Quantity of mineral reject generation	Not applicable.	Not applicable.	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable.	Not applicable.	
3f	Quantity of sub grade mineral generation.	Not applicable.	Not applicable.	
3g	Grade of sub grade mineral generation	Not applicable.	Not applicable.	
3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed upto 2016-17	Not applicable.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Not applicable.	

3j	Provision of drilling and blasting in mineral benches	Not proposed upto 2016-17	Not applicable.
3k	Provision of mining machineries in mineral benches	Not applicable.	Not applicable.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not applicable.	Not applicable.
3m	Total area covered under excavation/pits	Not applicable.	Not applicable.
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	Not applicable.	Not applicable.
3p	Production of ROM mineral during the last five year period as applicable	Not applicable.	Not applicable.
3q	General remarks of inspecting officers on method of mining etc.	Not applicable.	No mining and allied activities are started.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not applicable	Nil as mining operation are not yet commenced.	
4b	Location of topsoil, OB and mineral reject dumps	Not applicable	Not applicable	
4c	Number of dumps within lease area and outside of lease area	Not applicable	Not applicable	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable	Not applicable
4e	Number of active and alive dumps.	Not applicable	Not applicable
4f	Number of dead dumps.	Not applicable	Not applicable
4g	Number of dumps established.	Not applicable	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	Not applicable	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Not applicable
4j	Number of settling ponds	Not proposed.	Not applicable
4k	Specific comments of inspecting officer on waste dump management	not applicable.	No specific comments on Waste dump management as mining operations are not yet commenced.

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.	No backfilling is proposed as mining operations are not commenced.	Not applicable	
5b	Area under backfilling of mined out area	Not applicable	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not applicable	Not applicable	
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	No backfilling and reclamation is proposed as mining is not yet started.	

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 under PMCP during the period 2016-17	Not applicable	Mining operation not yet commenced.
6b	Area available for rehabilitation (ha) .	Not applicable	Not applicable	
6c	afforestation done (ha).	Not proposed during 2016-17	Not applicable	
6d	No. of saplings planted during the year	Not proposed during 2016-17	Not applicable	
6e	Cumulative no .of plants	Not applicable	Not applicable	
6f	Any other method of rehabilitation	Not applicable	Not applicable	
6g	Cost incurred on watch and care during the year	Not applicable	Not applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not applicable	Not applicable	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not applicable	Not applicable	

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not applicable	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not applicable	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not applicable	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not applicable	Not applicable
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not applicable	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not applicable	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Not applicable	Not applicable
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	No remark as mining operation are not yet started.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks

7a	ROM Mineral dispatch or grade-wise sorting within lease area	No mining was proposed during the year 2016-17	Not applicable.	Mining operation not yet started till date.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not applicable	Not applicable	
7c	Different grade of mineral sorted out at mines.	Not applicable	Not applicable	
7d	Any beneficiation process at mines .	Not proposed.	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	Mining operations in the area are not yet started.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No handling of top soil was proposed.	No top soil handling was undertaken	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	During the year 2016-17, no overburden, rejects and fines handling was proposed	Not applicable.	No overburden handling was undertaken
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	No overburden handling was undertaken till date ofd inspection.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No restoration, reclamation and rehabilitation of land was proposed	Not applicable.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No plantation was proposed	Not applicable
8g	Survival rate	Not applicable	Not applicable
8h	Water sprinkling on roads to control airborne dust		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable.	Mining operation not yet started in the area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Neither any M/R nor the A/R has been submitted by the Lessee.	Neither any M/R nor the A/R has been submitted online nor offline by the Lessee.	Violation of MCDR rule 45 is being poined out to lessee.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable	Not applicable	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not applicable	Not applicable	
9d	Scrutiny of Annual return on afforestation	Not applicable	Not applicable	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable	Not applicable
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not applicable	Not applicable
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not applicable	Not applicable
9h	Scrutiny of Annual return on fixed assets	Not applicable	Not applicable
9k	Scrutiny of Annual return on mining machineries	Not applicable	Not applicable

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 :

(**Parkash Chetan**)

Indian Bureau of Mines