

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/NGR-38RAJ2009

**Mine code :** 38RAJ20009

- (i) Name of the Inspecting : **S012** ) **Sharma H.C.**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Amit Sharma  
Official with  
Designation
- (iv) Date of Inspection : 23-DEC-16
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KHERWAD (RUPASAR) 3/94**
- (b) **Registration NO.** : **IBM/447/2011**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **RAJASTHAN**
- District : **NAGAUR**
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : **02240667711**
- E-mail : **vijay.kumar@ambujacement.co**
- Phone : **02266167268**
- (f) **Police Station** :
- (g) **First opening date** : **05-MAY-07**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **M/S Ambuja Cements Ltd.**  
**correspondance** : **P.O. Mundwa, Tehsil Mundwa,**  
: **District Nagaur**
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 : 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 :

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 26-SEP-16  
Plan/Scheme of Mining : MP review under 17(1) MCR 2016 29-NOV-16

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	The mining plan has recently approved on 29/11/2016 with no proposals of exploration for the reporting year 2015-16.	The mining plan has recently approved on 29/11/2016. The proposals of exploration for the reporting year 2015-16 have not been made.	
1b	Exploration over lease area for geological axis 1 or 2	Not applicable	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not applicable	Not applicable	
1e	Balance reserve as on 01/04/20	Not applicable	Not applicable	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	
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	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	
3b	Quantity of ROM mineral production proposed	Not applicable	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 applicable	Not applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not applicable	Not applicable	
3j	Provision of drilling and blasting in mineral benches	Not applicable	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.	Not applicable	Not applicable	
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	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	Not applicable
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 applicable	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.

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Solid Waste Management - Backfilling:

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Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	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	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.

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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).	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	Not applicable	
6b	Area available for rehabilitation (ha) .	Not applicable	Not applicable	
6c	afforestation done (ha).	Not applicable	Not applicable	
6d	No. of saplings planted during the year	Not applicable	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 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	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	Not applicable	
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 applicable	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	

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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	Not applicable	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not applicable	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not applicable	Not applicable	
8g	Survival rate	Not applicable	Not applicable	
8h	Water sprinkling on roads to control airborne dust	Not applicable	Not applicable	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The mining plan has recently approved on 29/11/2016 & various mining operation are yet to commence.	

## 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 A/R has been submitted by the Party.	Not applicable	
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 cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

**(Sharma H.C.)**

Indian Bureau of Mines