

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/AJM-38RAJ01002

Mine code : 38RAJ01002

- (i) Name of the Inspecting : **S012**) **Sharma H.C.**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. M. K. Garg
Official with
Designation
- (iv) Date of Inspection : 22-DEC-16
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SHYAMGARH**
- (b) **Registration NO.** : **IBM/960/2011**
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : RAJASTHAN
- District : AJMER
- Village : SHYAMGARH
- Taluka : MASUDA
- Post office :
- Pin Code :
- FAX No. : 01462228117
- E-mail : shreebwr@shreecementltd.co
- Phone : 01462228101
- (f) **Police Station** : Beawer Sadar
- (g) **First opening date** : 13-OCT-15
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Shree Cement Ltd.
Post Box No 33, Bangur Nagar,
Beawer, Disstt. - Ajmer
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 : SHREE CEMENT LTD.
SHREE CEMENT LTD. BANG- -UR
NAGAR, P.O.BOX NO.-33
BEAWAR-305,901,DIS.-AJMER
AJMER RAJASTHAN
Phone:91-01462-228101-105
FAX :91-01462-228117-119

Owner : Ramakant Sharma
M/S Shree Cement Ltd. P.O.
Box No 33, Bangur Nagar,
BEAWER, Distt- Ajmer (RAJ)
AJMER RAJASTHAN
Phone: 01462228101-06
FAX : 01462228117-19

Agent : S.C. Suthar
Shree Cement ltd Bangur
Nagar, Post Box-33 Beawar-
305901 AJMER RAJASTHAN
Phone: 01462-228101
FAX : 01462-228117

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	N A	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed.	
1b	Exploration over lease area for geological axis 1 or 2	G1 Level	G1 Level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/S Shree Cement Ltd.	M/S Shree Cement Ltd. Expenditure Rs.- 2997000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	Whole mining lease area has been explored at G1 Level with total meterage of 4629.9 M, out of which 1665 M drilling done in year 2015-16 and 2964.9 M drilling in current year 2016-17.	
1e	Balance reserve as on 01/04/20	under process of estimation	under process of estimation from recently completed detailed exploration programme on 30/11/2016.	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable.	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t.lease area	Detailed Geological Exploration work had recently completed & modified Mining Plan is yet to submitted.	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed. No development work started yet.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	N A	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed. No development work started yet.
2c	Stripping ratio or ore to OB ratio	N A	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed. No development work started yet.
2d	Quantity of topsoil generation in m3	N A	Not applicable
2e	Quantity of overburden generation in m3	NA	Not applicable
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	N A	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No development work started yet.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Party had recently completed the drilling of 76 Boreholes at grid interval of 200m & 4626.98 Meterage drilling achieved, the detailed Geological report is under process. The actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No development work started yet.	Not applicable	
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 actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No exploitation work started yet.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No exploitation work started yet.	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 actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No exploitation work started yet.

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.	The actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No exploitation work started yet.	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 actual reserves at G1 level are yet to be computed. The modified mining plan is yet to be submitted. No mining operations started yet.

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 actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.	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 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 actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	The actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.	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 actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.	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 actual reserves at G1 level are yet to be computed. The modified mining plan including PMCP is yet to be submitted. No mining operations started yet.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M/R submitted from Dec 2016 to March 2017, A/R Not submitted yet.	The mining operations are yet to be started.	
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