

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/PAL-37/LST-2

**Mine code :** 38RAJ21003

- (i) Name of the Inspecting : **G021** ) **D R GURJAR**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri T.K. Dhelawat, Mines Manager  
Official with  
Designation
- (iv) Date of Inspection : 13-NOV-24
- (v) Prev.inspection date : 05-AUG-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NIMBETI**
- (b) **Registration NO.** : **IBM/960/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : RAJASTHAN
- District : PALI
- Village : NIMBETI
- Taluka : JAITARAN
- Post office : RAS
- Pin Code :
- FAX No. : 01462-228101-106
- E-mail : shreebwr@shreecementltd.coi
- Phone : 01462-228117/228119
- (f) Police Station : Nimbeti
- (g) First opening date : 13-JUN-97
- (h) Weekly day of rest : SUN
2. Address for : SHREE CEMENT LTD.,  
correspondance PO-ANDHERI DEORI,  
BEAWER, DISTT- AJMER, 305901
3. (a) Lease Number : RAJ1666
- (b) Lease area : 750
- (c) Period of lease : 50
- (d) Date of Expiry : 13-NOV-46
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 : Mr. Neeraj Akhoury  
 Post Box No. 33, Bangur  
 Nagar, Beawar, Rajasthan  
 AJMER RAJASTHAN  
 Phone:  
 FAX :

Agent : MAHENDRA KUMAR GARG  
 Shree Cement Limited Bangur  
 Nagar Beawar AJMER  
 RAJASTHAN  
 Phone: 01462-228101-6, 9414337754  
 FAX : 01462-228117-19

Mining Engineer  
 Name : Sh. Sanjay Jain, Full Time  
 Qualification : BE Mining  
 Appointment/ : 25-SEP-24  
 Termination date

Geologist  
 Name : R S RAJPUROHIT, Full Time  
 Qualification : MSC(GEOLOGY)  
 Appointment/ : 23-APR-12  
 Termination date

Manager  
 Name : T. K. Dhelawat  
 Qualification : B. E. (Mining)  
 Appointment/ : 20-JUN-23  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	08-APR-96
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	31-MAR-03
		Modif.approved Mining Scheme	04-JUN-04
		Modif.approved Mining Scheme	08-SEP-05
		Mining Scheme rule 12 MCDR1988	29-JAN-07
		Modif.approved Mining Scheme	09-OCT-09
		Mining Scheme rule 12 MCDR1988	18-JUL-12
		Modif.approved Mining Scheme	26-JUN-13
		MP modif under MCR 1960	13-MAY-16
		MP modif under 17(3) MCR 2016	23-MAR-18

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposal during the previous year 2022-23.	None during the previous year 2022-23.	No backlog of previous year 2022-23.
1b	Exploration over lease area for geological axis 1 or 2	During the year 2023-24, no proposal of exploration.	None during the year 2023-24.	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No exploration proposal during the year 2023-24.	None during the year 2023-24.	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No such proposal given during the year 2023-24.	None during the year 2023-24.	Total lease area- 750 hect., Mineralised area- 385 hect. Entire Minerailised area has already been explored under G1 level till the depth of mineralisation as per norms of MEMC Rules 2015.
1e	Balance reserve as on 01/04/20	No specific proposal given for balance reserve.	The position of reserve & resources as on 01.04.2024 is Resreve (111)- 605.74 million tonnes Resources(211)-120.0 million tonnes	Nil
1f	General remarks of inspecting officers on geology, exploration etc			No specific issue observed related to geology & exploration. Entire Minerailised area has already been explored under G1 level till the depth of mineralisation as per norms of MEMC Rules 2015.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Between local grid- S800 to S5300 & E900 to W700.	Mine development has been carried out within proposed limit during the reporting year 2023-24.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no benches proposed in top soil & OB. Benches proposed in mineral only having 12m hieght of each bench.	There is no top soil & OB benches. Benches in mineral only having 12m hieght of each bench as per proposal.	Nil
2c	Stripping ratio or ore to OB ratio	2023-24: 1:0.31	2023-24: 1:0.42	Tonne: Tonne
2d	Quantity of topsoil generation in m3	No top soil generation proposal during the RY 2023-24.	No top soil generated during the RY 2023-24.	Nil
2e	Quantity of overburden generation in m3	2023-24: 3.12 million tonnes	2023-24: 3.119 million tonnes	There is no specific benches in OB in the mine. The waste is in the form Interburden(IB).
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine development has been carried out within proposed limit during the reporting year 2023-24.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2023-24: 01 Pit	2023-24: 01 Pit	Nil
3b	Quantity of ROM mineral production proposed	2023-24: 25.30 million tonnes	2023-24: 18.59 million tonnes	Nil
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	Nil

3d	Quantity of mineral reject generation	No proposal of mineral reject generation during the year 2023-24.	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No proposal hence not applicable	Not applicable	Nil
3f	Quantity of sub grade mineral generation.	No subgrade mineral generation proposal during the reporting year 2023-24.	No subgrade mineral generated during the reporting year 2023-24.	Nil
3g	Grade of sub grade mineral generation	No proposal hence not applicable.	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	Not applicable	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal during the RY 2023-24.	None	Nil
3j	Provision of drilling and blasting in mineral benches	Drilling was proposed by 165mm DTH drill machines & blasting was proposed by using ANFO explosive.	Drilling & Blasting is being carried out as per proposal.	Nil
3k	Provision of mining machineries in mineral benches	Excavator & dumper combinations proposed. Other machineries are Rock breakers, loaders, dozer, water tankers, explosive van etc.	Mine machineries deployed as per proposals.	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height was proposed 12m each.	Bench height has been maintained 12m each as per proposal	Nil
3m	Total area covered under excavation/pits	Total area put to use under head excavation/ Pit- 312 hect.	Total area put to use under head excavation/ Pit- 300 hect.	Up to year 2023-24.
3n	Ore to OB ratio for the pit/mine during the year.	2023-24: 1:0.31	2023-24: 1:0.42	Tonne: Tonne
3o	Total area put in use under different heads at the end of year	Excavation area - 312 Ha Waste Dump Area -204 Ha Infrastructure -0.5 Ha Mineral Storage 3.1 Ha Roads 4.0 Ha Railways:- 0.7 Ha Plant area includes mines office , WorkShop -26 Ha	Excavation area - 300.00 Ha Waste Dump Area -158.40 Ha Infrastructure & roads - 11.0 Ha	In AR following discrepancies observed related to land use pattern(a)The area occupied by plant, buildings, residential, roads etc has been shown 11.0 hect whereas in the approved review of mining plan the area under these heads have been shown 31.2 hect. Hence S/C notice of Rule 45(7) of MCDR 2017 issued vide letter dated 17.12.2024. (b)Mineral Storage area has not been shown.
3p	Production of ROM mineral during the last five year period as applicable	2019-20-25.30Million ton 2020-21-25.30 Million ton 2021-22-25.30 Million ton 2022-23-25.30 Million ton 2023-24-25.30 Million ton 2024-25-25.30 Million ton	2019-20-15.85 Million ton 2020-21-15.47 Million ton 2021-22- 16.62 Million ton 2022-23-17.51 Million ton 2023-24-18.59 Million ton 2024-25- 9.56 Million ton (upto12.11.2024)	Nil

3q	General remarks of inspecting officers on method of mining etc.	Fully mechanised opencast mining method was proposed.	Fully mechanised opencast mining method was adopted which is best suited to the type of deposit.	Nil
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## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal of top soil dumping. IB & screen reject dumping proposals given.	No top soil dumping was observed. IB & screen reject dumping are there.	Nil
4b	Location of topsoil, OB and mineral reject dumps	IB(Face reject): WD1: S3700 to S5100 & W400 to W1500 WD2: S2200 to S2700 & E100 to W500 WD3: S100 to S1600 & E800 to W100 WD4: S2500 to S2700 & W400 to W600 WD5: S600 to S1000 & E1000 to E1500 Reject Dump 1: S3300 to S3900 & W400 to W1100 Reject Dump 2: S1500 to S2400 & E300 to W400 Reject Dump 3: S1300 to S1700 & E1100 to E1300	IB(Face reject): WD1: S4000 to S5100 & W400 to W1200 WD2: S2300 to S2700 & E100 to W500 WD3: S100 to S1700 & E700 to W100 WD4: S2500 to S2700 & W400 to W600 WD5: S500 to S1100 & E1000 to E1500 Reject Dump 1: S3300 to S4100 & W600 to W1100 Reject Dump 2: S1700 to S2300 & E300 to W400	Dumping location deviation observed during the year 2023-24 in respect to Face waste dump WD1,WD3, WD5 & Screen Reject dump Dump, hence violation of Rule 11(1) of MCDDR 2017 issued vide letter dated 17.12.2024.
4c	Number of dumps within lease area and outside of lease area	08 nos.(05 IB/Face waste dumps & 03 Screen Reject Dumps)	07 nos.(05 IB/Face waste dumps & 02 Screen Reject Dumps)	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	All dumps proposed outside of UPL.	All dumps are outside of UPL.	Nil

4e	Number of active and alive dumps.	08 dumps	07 dumps	Nil
4f	Number of dead dumps.	No proposal	Not applicable	Nil
4g	Number of dumps established.	No proposal	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Garland drains all along the dumps.	Garland drains are there all along the dumps.	Nil
4i	Length of Retaining wall or garland drain all along dumps	No specific proposal are not given during the year 2023-24, only maintenance of garland drain & retaining walls.	Only maintenance of garland drain & retaining walls as per proposals.	Nil
4j	Number of settling ponds	No proposal	Not applicable	Nil
4k	Specific comments of inspecting officer on waste dump management			No specific issue observed related to waste dump management however waste dumping location deviation observed during the year 2023-24 in respect to Face waste dump WD1, WD3, WD5 & Screen Reject dump Dump, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 17.12.2024.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal of backfilling during the RY 2023-24.	None during the RY	Area not matured for backfilling.



5b	Area under backfilling of mined out area	No proposal of backfilling during the RY 2023-24.	None	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil generation proposal during the reporting year 2023-24.	No top soil generated during the year 2023-24.	Nil
5d	Total area fully reclaimed and rehabilitated	No proposal of fully reclamation & rehabilitation during the RY 2023-24.	None during the RY 2023-24.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area not marured for backfilling & reclamation.

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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).	As per Rule 26(2) of MCDR 2017, PMCP report shall be submitted before 1st July of every year for previous financial year.	PMCP report for the year 2023-24 submitted on 27.06.2024 along with annual return.	Timely submission of PMCP report 2023-24.
6b	Area available for rehabilitation (ha) .	No proposal	N/A	Nil

6c	afforestation done (ha).	2023-24: 1.0 hect.(Within ML Area) 9.0 hect(Outside of ML area)	2023-24: 1.02 hect.(Within ML Area) 9.0 hect(Outside of ML area)	However during the year 2023-24, plantation was proposed between section lines S1500 to S3000 along 7.5m safety barrier towards eastern side of lease area but plantation has not been carried out on proposed location completely during the reporting year. hence Violation of Rule 11(1) of MCDR 2017 issued vide letter dated 17.12.2024.
6d	No. of saplings planted during the year	2023-24: 1200 nos.(within ML area) 10800 nos.(outside of ML area)	2023-24: 1550 nos.(within ML area) 10551 nos.(outside of ML area)	Nil
6e	Cumulative no .of plants	No specific proposal given in this regard.	165802 nos.	Till the year 2023-24.
6f	Any other method of rehabilitation	No proposal	Not applicable	Nil
6g	Cost incurred on watch and care during the year	No specific proposal given.	Total Environment Managment expenditure in RY 2023-24: Rs. 2.3149 Cr.	Total Environment Managment expenditure figures as submitted in SDF template for RY 2023-24.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Not applicable	Mineral not exhausted completely depth wise hence no area available for backfilling.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Not applicable	Nil

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	No proposal	Not applicable	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal given.	However rain water accumulation was observed at Pit bottom.	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	N/A	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	During the RY 2023-24 total 1200 sapling was proposed over an area 1.0 hect.	During the RY 2023-24 total 1550 sapling planted over an area 1.02 hect.	However during the year 2023-24, plantation was proposed between section lines S1500 to S3000 along 7.5m safety barrier towards eastern side of lease area but plantation has not been carried out on proposed location completely during the reporting year. hence Violation of Rule 11(1) of MCDR 2017 issued vide letter dated 17.12.2024.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	N/A	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	N/A	Nil

6p	Compliance of environmental monitoring (core zone and buffer zone)	Environment Monitoring was proposed in core & buffer zone.	Environment Monitoring carried out in core & buffer zone and parameters are found within permissible limit.	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			PMCP compliances is satisfactory.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No grade wise sorting proposal given.	No grade wise sorting carried out, entire limestone feed to captive cement plant.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Not applicable	Nil
7c	Different grade of mineral sorted out at mines.	Only cement grade limestone feed to captive cement plant.	As per proposal	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 issue observed related to mineral conservation.

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposal during the RY 2023-24.	No top soil generated during the RY 2023-24.	Nil
8b	Concurrent use or storage of topsoil	No generation proposal hence no proposal to use.	Not generated hence not applicable.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps of IB/face reject waste & Screen reject waste.	Separate dumping has been carried out as per proposal	However some waste dumping location deviation observed during the year 2023-24 hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 17.12.2024.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal given during the RY 2023-24.	Not applicable	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No reclamation & rehabilitation proposal given during the RY 2023-24.	None	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	During the RY 2023-24 total 1200 sapling was proposed over an area 1.0 hect.	During the RY 2023-24 total 1550 sapling planted over an area 1.02 hect.	Nil
8g	Survival rate	Not specified	Within ML area-80.83%	As per AR 2023-24.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling was proposed on haul roads.	Water sprinkling was observed.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The general aesthetic beauty in and around mines area is satisfactory.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per Rule 45 of MCDR 2017, Monthly reurn shall be submitted before 10th for previous month & annual return shall be submitted before 1st July for previous financila year.	Annual return 2023-24 & monthly returns submitted timely.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details of mining engineer, mine manager & geologist given.	Details found correct.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit area-300 hect, Waste dumps- 158.4 hect., Plants, building, roads etc.- 11.0 hect.	In AR 2023-24 some discrepencies observed ralated to land use pattern.	In AR follwing discrepencies observed ralated to land use pattern(a)The area occupied by plant, buildings, residential, roads etc has been shown 11.0 hect whereas in the approved review of mining plan the area under these heads have been been shown 31.2 hect. (b)Mineral Stoarge area has not been shown.(c) Work done under PMCP is not corect. Hence S/C notice of Rule 45(7) of MCDR 2017 issued vide letter dated 17.12.2024.

9d	Scrutiny of Annual return on afforestation	Within ML-1550 nos. having survival rate- 80.83% Outside of ML-10551 nos. having survival rate- 79.30%	Some discrepancies observed in plantation figures.	Under item 5 (Trees Planted-survival rate) of Part-V, total nos. of trees at the end of year within lease area are not matching with details given in PMCP excel sheet uploaded with annual return. Hence S/C notice of Rule 45(7) of MCDR 2017 issued vide letter dated 17.12.2024.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No proposal	Not reported	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM & cement grade limestone opening & closing stock- Nil	Seems corrected	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	It is captive mine. Cost of production & Ex mine price- Rs. 226.38 per tonne	Seems corrected.	Nil
9h	Scrutiny of Annual return on fixed assets	Cost of fixed assets- RS/- 134245711/-	The land value has been taken as 0.	2)Under item 1 of Part-II-A, the value of land has not been taken as zero whereas as per submitted draft review of mining plan, total 168.8 hect. land has been shown as acquired, Hence S/C notice of Rule 45(7) of MCDR 2017 issued vide letter dated 17.12.2024.

9k	Scrutiny of Annual return on detail given. mining machineries	Machinaries	Details seems corrected.	Some other discrepancies aslo observed related to exploration expenditures hence S/C notice of Rule 45(7) of MCDR 2017 issued vide letter dated 17.12.2024.
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**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
MCDR17 Rule 11(1)	17-DEC-24		MCDR17 Rule 45(7)	17-DEC-24	
MCDR17 Rule 45(7)(a)	17-DEC-24				

**Date :**

**(D R GURJAR)**

Indian Bureau of Mines