

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/GNR/L.ST-46/HYD

Mine code : 38APR07046

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Ram Laxman, Asst. Mines Manager, & Mayur B. Potkatare, Geo
Official with
Designation
- (iv) Date of Inspection : 17/01/2017
- (v) Prev. inspection date : 14/03/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : ALUGUMALLE LIMESTONE MINE
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : ALUGUMALLE
- Taluka : DACHEPALLI
- Post office : NADIKUDI
- Pin Code : 522414
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** :
- (h) **Weekly day of rest** :
2. **Address for** :
correspondance
3. (a) **Lease Number** : APR0030
- (b) **Lease area** : 38.1
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 23/10/2018
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S ANDHRA CEMENTS LTD
SRI DURGA CEMENT WORKS
DURGAPURAM GUNTUR GUNTUR
ANDHRA PRADESH
Phone:08649-57429,08649-57430
FAX :08649-57429

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 27/06/2014
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
1b	Exploration over lease area for geological axis 1 ha) or 2	15 boreholes(28	8 bore holes (20 ha).	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
1e	Balance reserve as on 01/04/20	NA	24.435 Million tonnes.	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
1f	General remarks of inspecting officers on geology, exploration etc	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.

2c	Stripping ratio or ore to OB ratio	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
2d	Quantity of topsoil generation in m3	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
2e	Quantity of overburden generation in m3	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
3b	Quantity of ROM mineral production proposed	60,000 Tonnes per year.	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
3c	Recovery of saleable/usable mineral from ROM production	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
3d	Quantity of mineral reject generation	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
3e	Grade of mineral rejects generation and threshold value declared.	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.

3f	Quantity of sub grade mineral generation.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3g	Grade of sub grade mineral generation	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NIL	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
3j	Provision of drilling and blasting in mineral benches	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3k	Provision of mining machineries in mineral benches	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3m	Total area covered under excavation/pits	14.767 ha	14.767 ha.	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3n	Ore to OB ratio for the pit/mine during the year.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
3o	Total area put in use under different heads at the end of year	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.

3p	Production of ROM mineral during the last five year period as applicable	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
3q	General remarks of inspecting officers on method of mining etc.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4b	Location of topsoil, OB and mineral reject dumps	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued.
4c	Number of dumps within lease area and outside of lease area	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4e	Number of active and alive dumps.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4f	Number of dead dumps.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4g	Number of dumps established.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.

4h	Whether Retaining wall or garland drain all along dumps are there.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
4i	Length of Retaining wall or garland drain all along dumps	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4j	Number of settling ponds	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
4k	Specific comments of inspecting officer on waste dump management	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.

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.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued.
5b	Area under backfilling of mined out area	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
5d	Total area fully reclaimed and rehabilitated	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.

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).	submitted.	submitted.	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
6b	Area available for rehabilitation (ha) .	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
6c	afforestation done (ha).	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
6d	No. of saplings planted during the year	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
6e	Cumulative no .of plants	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
6f	Any other method of rehabilitation	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
6g	Cost incurred on watch and care during the year	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued..
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	Nil	Mine is not working and waiting for EC and Mining scheme is due so V/L issued.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
7c	Different grade of mineral sorted out at mines.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
7d	Any beneficiation process at mines .	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	Nil	Mine is nort working and waiting for EC.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..

8b	Concurrent use or storage of topsoil	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8g	Survival rate	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8h	Water sprinkling on roads to control airborne dust	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted.	Submitted.	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes	yes	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9d	Scrutiny of Annual return on afforestation	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	Nil	Mine is nort working and waiting for ECand Mining scheme is due so V/L issued..
9h	Scrutiny of Annual return on fixed assets	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.
9k	Scrutiny of Annual return on mining machineries	NA	Nil	Mine is nort working and waiting for EC.and Mining scheme is due so V/L issued.

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
MCDR17	Rule 11(4)	12/04/2017			

Date :

(P.GURUVAIAH)

Indian Bureau of Mines