

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/NLG/LST--30/HYD

Mine code : 38APR14043

- (i) Name of the Inspecting : S11) SHAILENDRA KUMAR
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sri K Srinivasa Rao Agent(Mines)
Official with
Designation
- (iv) Date of Inspection : 08/11/2019
- (v) Prev.inspection date : 05/12/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : CHOUTAPALLY LIMESTONE
- (b) **Registration NO.** : 6098/2011
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TELANGANA
- District : NALGONDA
- Village : MELLACHERUVU
- Taluka : MELLACHERUVU
- Post office : MELLACHERUVU
- Pin Code : 508246
- FAX No. : 08683-226354
- E-mail : mahacement@myhomegroup.in
- Phone : 08683-226025
- (f) **Police Station** : MELLACHERUVU
- (g) **First opening date** : 18/11/2005
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : CHOTAPALLY VILLAGE
MATTAMPALLY MANDAL
NALGONDA DISTRICT
3. (a) **Lease Number** : APR2904
- (b) **Lease area** : 261.99
- (c) **Period of lease** :
- (d) **Date of Expiry** : 31/07/2025
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S MY HOME CEMENT INDUSTRIES
 9TH FLOOR, BLOCK-3, MY HOME
 HUB, MADHAPUR,
 HYDERABAD500081 HYDERABAD
 TELANGANA
 Phone:040-66929696
 FAX :040-66929797

Owner : CHANDRASEKHAR PANDEY
 MY HOME INDUSTRIES PRIVATE
 LIMITED MY HOME HUB
 MADHAPUR HYDERABAD NALGONDA
 ANDHRA PRADESH
 Phone: 40-6629797
 FAX :

Agent : K SRINIVASA RAO
 MY HOME INDUSTRIES LIMITED
 MELLACHERUVU MANDAL &
 VILLAGE SURYAPET DISTRICT
 NALGONDA TELANGANA
 Phone: 08683-226354
 FAX :

Manager

Name : M APPALA RAJU
 Qualification :
 Appointment/ : 01/02/2019
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	22/12/2005
Plan/Scheme of Mining		Modif.of approved Mining Plan	26/12/2007
		Modif.of approved Mining Plan	29/09/2009
		Mining Scheme rule 12 MCDR1988	17/09/2014
		MP modif under 17(3) MCR 2016	19/12/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There was no proposal for exploration or backlog from previous year.	During the year, lessee has drilled 26 boreholes with a total depth of 192 meters.	None
1b	Exploration over lease area for geological axis 1 or 2	---	About 219.84 ha is under G1 level. 10.49 ha under G2 level and 31.97 ha under G4 level	No comments
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	A total of 26 boreholes were made during 2018-19. The total expenditure reported was Rs.1,20,000/-	No comments
1d	Balance area to be explored to bring Geological axis in 1 or 2	---	Under G2 level 10.49 ha and G4 level it is 31.917 ha	No comments
1e	Balance reserve as on 01/04/20	--	Reserves as on 1.4.2019 are 55.069 Million tonnes Remaining resources are 34.410 Million tonnes	No comments
1f	General remarks of inspecting officers on geology, exploration etc	---	None	No comments to offer.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work between gridlines E 190 to 767 and N 72 to 631.	The same was noticed during the inspection.	The mining operations are being carried out as proposed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to carry out mining operations by making three benches. No topsoil bench was proposed.	The Mining operations are being carried out at three benches of 9 meters each	No comments

2c	Stripping ratio or ore to OB ratio	Nil	Nil	No comments
2d	Quantity of topsoil generation in m3	It was proposed to generate 315392 Cu.M during 2018-19.	Actual reported quantity is 138360 Cu.m	No comments
2e	Quantity of overburden generation in m3	Nil	None	No comments
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	None	The Limestone is occurring as a tabular deposit with gentle slope. Boundary pillars as per norms are noticed during the inspection.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	It was proposed to work one pit during 2018-19	it was observed that mining operations are being carried out in one pit only. The dimensions of the pit are 744 metersx785 metersx 8 meters	No comments
3b	Quantity of ROM mineral production proposed	1.82 Million tonnes during 2018-19	1.67 Million tonnes during 2018-19	No comments
3c	Recovery of sailable/usable mineral from ROM production	Nil	None	The entire limestone produced is being consumed in the captive plant of lessee company.
3d	Quantity of mineral reject generation	Nil	None	No comments
3e	Grade of mineral rejects generation and threshold value declared.	Nil	None	No comments
3f	Quantity of sub grade mineral generation.	Nil	None	No comments

3g	Grade of sub grade mineral generation	Nil	None	No coments
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	None	No comments
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	None	No comments
3j	Provision of drilling and blasting in mineral benches	It was proposed to use wagon drilling and blasting in the mineral benches	Duirng the inspection it was observed that drilling is being carried out by wagon drill of 115 mm dia having following specifications with a burden of 3meters,spacing of 6 meters with a blast hole depth of 10 meters.	No comments
3k	Provision of mining machineries in mineral benches	It was proposed to utilise HEMM in mineral benches for excavating the mineral	It was noticed duirng the inspection that Back hoe are being used for excavating the mineral with capacities ranging from 1.5 Cu.m to 2.5 Cu.m	No comments
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain 9 meter benches	The number of HEMM used in the Mineral benches is adequate for producing 1. 67 Million tonnes of ROM per year as envisaged in the approved document.	
3m	Total area covered under excavation/pits	--	82 ha	No comments
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	No comments
3o	Total area put in use under different heads at the end of year	--	The total are put to use as is 93.361 ha	No comments

3p	Production of ROM mineral during the last five year period as applicable	The production proposals for the last five years are as follows: 2014-15-1.82 million tonnes 2015-16-1.82 million tonnes 2016-17-1.82 million tonnes 2017-18- 1.82 million tonnes 2018-19- 1.82 million tonnes	The actual production reported during the last three years is as follows: 2014-15-1.60 million tonnes 2015-16-1.59 million tonnes 2016-17-1.16 million tonnes 2017-18-1.73 million tonnes 2018-19-1.67 million tonnes	The production reported are within the approved quantities.
3q	General remarks of inspecting officers on method of mining etc.	Nil	None	The mining operations are being carried out as per the proposals made in the approved document.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	It was proposed to generate 315392 Cu.m topsoil during 2018-19.	Actual topsoil generated was 138360 Cu.mNo Overburden is there in the lease.The topsoil generated is concurrently used for plantation purpose.	No comments
4b	Location of topsoil, OB and mineral reject dumps	Nil	The topsoil generated is used concurrently for plantation purpose.	No comments
4c	Number of dumps within lease area and outside of lease area	Nil	None	No comments
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	None	No comments
4e	Number of active and alive dumps.	Nil	None	No comments
4f	Number of dead dumps.	Nil	None	No comments
4g	Number of dumps established.	Nil	None	No comments

4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	None	No comments
4i	Length of Retaining wall or garland drain all along dumps	Nil	None	No comments
4j	Number of settling ponds	Nil	None	No comments
4k	Specific comments of inspecting officer on waste dump management	Nil	None	No comments

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 proposal for relcamation	No reclamation was carried out	No comments
5b	Area under backfilling of mined out area	Nil	None	No comments
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	It was proposed to use the topsoil generated for plantation purpose.	The topsoil being concurrently used for plantation.	No comments
5d	Total area fully reclaimed and rehabilitated	Nil	None	No comments
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	None	No comments

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	--	The Annual report on PMCP submitted by Lessee in time	None
6b	Area available for rehabilitation (ha) .	Nil	None	No comments
6c	afforestation done (ha).	395 saplings	385 sapling were planted duirng 2018-19	No comments
6d	No. of saplings planted during the year	395	395	No comments
6e	Cumulative no .of plants	--	27324 plants	No comments
6f	Any other method of rehabilitation	Nil	None	No comments
6g	Cost incurred on watch and care during the year	--	Rs.2,50,000/-	No comments
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Not applicable	No comments
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Not Applicable	No comments
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Not applicable	No comments
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Not applicable	No comments

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Not applicable	No comments
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Not applicable	No comments
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Not applicable	No comments
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Not applicable	No comments
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring of both core and buffer zones	The lessee is carrying out quarterly monitoring of environment tests in both core and buffer zones regularly.	No comments
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	None	No comments

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	It was proposed to produce 1.82 Million tonnes duirng 2018-19.	The actual quantity produced was 1.67 million tonnes	No comments
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	None	No coments

7c	Different grade of mineral sorted out at mines.	Nil	None	No comments
7d	Any beneficiation process at mines	Nil	None	No comments
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	None	No comments

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	It was proposed to utilise the topsoil generated for plantation purpose	It was observed that the topsoil generated is being simultaeously used for plantation purpose.	No comments
8b	Concurrent use or storage of topsoil	It was proposed to use the topsoil generated for plantation purpose	The same was noticed duirng the inspection.	No comments
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	None	No comments
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	None	No comments

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	None	No comments
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	--	Few bushes, shrubs were observed in addition to the plantation made by the lessee.	No comments
8g	Survival rate	70%	80%	No comments
8h	Water sprinkling on roads to control airborne dust	It was proposed to use water sprinklers for dust suppression in the lease.	The same was noticed during the inspection	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	None	The lessee is carrying out the environmental monitoring tests regularly. The general aesthetic beauty is satisfactory in nature.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	---	The lessee is submitting Annual & Monthly returns regularly.	No comments
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	---	As per the Annual return 2018-19. Sri M Appala Raju is both Mines Manager & Mining Engineer and Sri Nagur Meera Saheb as Geologist	No comments

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	--	The land use pattern as per the Annual returns 2018-19 is as follows Area under pits - 82.040 ha Area under various infrastructure - 4.373 ha Area under Green belt - 9.070 ha	No comments
9d	Scrutiny of Annual return on afforestation	--	As per the Annual return 2018-19 about 395 saplings were planted	No comments
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	---	None	No comments
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per the Annual return 2018-19 - 1.67 Million Tonnes ROM was produced.	The same was noticed and checked from records	No comments
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	--	The ex-mine price reported by the lessee during 2018-19 was Rs.218.20	No comments
9h	Scrutiny of Annual return on fixed assets	---	As per the Annual return 2018-19, it was reported about Rs.52 crores as value of fixed assets.	No comments
9k	Scrutiny of Annual return on mining machineries	---	1. Back Hoe(2.5 Cu.M)-1 2. Back Hoe(1.5 Cu.M)-2 3. Truck(12 tonnes)-12 4. Air Compressor(480 Cu.M)-1 5. Wagon Drill(115 MM dia)- 1 6. Explosive van 7. Water Tanker(8000 litre)-1	No comments

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 :

(**SHAIENDRA KUMAR**)

Indian Bureau of Mines