

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT 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 : **M029** ) **MADHU SUDHAN YADAV M**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri. Appalla Raju, Mines Manager & Sri Nagur Meera Sa  
Official with  
Designation
- (iv) Date of Inspection : 17-AUG-21
- (v) Prev.inspection date : 10-OCT-20

**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-NOV-05**
- (h) Weekly day of rest : **SUN**
2. Address for : **CHOTAPALLY VILLAGE**  
correspondance : **MATTAMPALLY MANDAL**  
**NALGONDA DISTRICT**
3. (a) Lease Number : **APR2904**
- (b) Lease area : **261.99**
- (c) Period of lease :
- (d) Date of Expiry : **31-JUL-25**
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  
 M/s My Home Industries Pvt.  
 Limited Madhapur,My Home  
 Hub Hyderabad-500081  
 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-FEB-19  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	22-DEC-05
Plan/Scheme of Mining		Modif.of approved Mining Plan	26-DEC-07
		Modif.of approved Mining Plan	29-SEP-09
		Mining Scheme rule 12 MCDR1988	17-SEP-14
		MP modif under 17(3) MCR 2016	19-DEC-18

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	----	Entire lease area of 262.247 Ha has been explored under G1 level.	
1e	Balance reserve as on 01/04/20	---	Proved Mineral Reserves as on 01/04/2021 - 51.159 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Entire lease area of 262.247 Ha has been explored under G1 level by drilling 76 Nos. of core boreholes and 40 Nos. of DTH holes.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Towards eastern and southern direction of the mining pit	Work done within the proposed co-ordinates.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Mineral Bench - 02 Nos. Topsoil Bench - 01 No.	Mineral Bench - 02 Nos. Topsoil Bench - 01 No.	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	

2d	Quantity of topsoil generation in m3	2020-21 - 127000 cu.m	2020-21 - 72948.84 cu.m	
2e	Quantity of overburden generation in m3	No proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No OB is generated in the proposed mining area and the limestone is found just below the soil cover of around 1 to 4m thickness.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2020-21 - 182000 Te	2020-21 - 749850 Te	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting proposed in the mineral benches.	During inspection it was observed that Wagon drill being used for drilling with a blast hole dia of 115 mm & depth of 10 m, spacing of 6 meters and burden of 3 meters. Blasting with slurry and emulsion explosives with NONELS as initiating system.
3k	Provision of mining machineries in mineral benches	It was proposed to use wagon drills, excavators & dumpers for drilling, loading & transporting of ore to crushing plant.	During inspection, it was observed that wagon drills, dumpers & excavators are being used for drilling, loading & transportation of ore to crushing plant
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain the bench height of 9 meters	bench height is being maintained as 9 m. Digging height of the excavators are compatible with bench height.
3m	Total area covered under excavation/pits	89.9785 Ha	87.20 Ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	Nil

3o	Total area put in use under different heads at the end of year	Openpit - 103.67 Ha Top soil storage - 13.4022 Ha Infrastructure - 0.7548 Ha Raods - 3.6185 Ha Greenbelt - 10.32 Ha	Openpit - 87.20 Ha Top soil storage - 8.623 Ha Infrastructure & Roads - 4.373 Ha Greenbelt - 9.582 Ha	
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - 1600000 tonnes 2017-18 - 1600000 tonnes 2018-19 - 1000000 tonnes 2019-20 - 1820000 tonnes 2020-21- 1820000 tonnes	2015-16 - 561976 tonnes 2016-17 - 553540 tonnes 2017-18 - 841570 tonnes 2018-19 - 631414 tonnes 2019-20 - 477995 tonnes 2020-21- 749850 tonnes	The mining operations are being carried out as per the proposals in the approved document.
3q	General remarks of inspecting officers on method of mining etc.			Mechanised method of mining has been adopted with the use of HEMM but machinery log books were not maintained. Violation issued as per rule.

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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)	Topsoil dump is proposed	Topsoil soil dump is maintained separately	
4b	Location of topsoil, OB and mineral reject dumps	Top soil dump proposed in the North western side and south western side of the lease area.	Topsoil generated is partially utilised for plantation and remaining quantity dumped in the proposed area.	

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4c	Number of dumps within lease area and outside of lease area	04 dumps proposed within the lease area	04 dumps maintained within the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump proposed outside UPL	Dump maintained outside UPL	
4e	Number of active and alive dumps.	04	04	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Retaining bund and garland drain is maintained.	
4i	Length of Retaining wall or garland drain all along dumps	No proposal for the year 2020-21	Nil	
4j	Number of settling ponds	No proposal for the year 2020-21	Nil	
4k	Specific comments of inspecting officer on waste dump management			Dumps are located at non mineralised area outside the UPL.

#### 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	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The pit is not mined out upto its ultimate pit limit to start backfilling.

#### 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).	To be submitted as per rule	Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	2020-21 - 0.25 Ha	2020-21 - 0.252 Ha	
6d	No. of saplings planted during the year	250 Nos.	255 Nos.	
6e	Cumulative no .of plants	----	8509 Nos.	
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year	Rs.1000000/-	Rs1476725/-	Combined amount for both the leases (Choutapalli -1 & Choutapalli -2)



6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly environmental monitoring of core and buffer zone.	Quarterly environmental monitoring carried out during 2020-21 and all the parameters are within the permissible limit.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No area of pit has reached its ultimate pit limit to start Reclamation and Rehabilitation and backfilling activities.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	2020- 21 - 1.82 million Tonnes	2020-21 - 0.749 million Tonnes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No sub grade has been generated. Beneficiation is not required as the entire ROM mineral is utilised for captive plant.
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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed to remove and utilise the topsoil seperately	Topsoil removed seperately and utilised for plantation.	
8b	Concurrent use or storage of topsoil	It was proposed to utilise the topsoil for plantation and remaining quantity to be stacked in the dumps	It was observed that the topsoil generated is partially used for plantation purpose and remaining quantity stacked in the top soil dumps	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	250 Nos. saplings over 0.25 Ha in the year 2020-21.	255 Nos. saplings over 0.252 Ha in the year 2020-21.	
8g	Survival rate	No proposal	95%	
8h	Water sprinkling on roads to control airborne dust	It was proposed to use water sprinklers for dust suppression in the lease.	Sprinklers and water used for dust suppression.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The general aesthetic beauty is satisfactory in nature.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual returns and monthly returns to be submitted as per rule.	Annual and monthly returns submitted in time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager & Mining Engineer - Sri.M Appla Raju Geologist - Sri Nagur Meera Saheb	Manager & Mining Engineer - Sri.M Appla Raju Geologist - Sri Nagur Meera Saheb	

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Openpit - 87.2 Ha Top soil storage - 7.695 Ha Infrastructure & Roads - 4.373 Ha Greenbelt & Top soil preservation - 18.205 Ha	Openpit - 87.2 Ha Top soil storage - 8.623 Ha Infrastructure & Roads - 4.373 Ha Greenbelt - 9.582Ha
9d	Scrutiny of Annual return on afforestation	255 Nos.	Broadly as submission and same quantity is verified in afforestation register maintained.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	No mineral reject generated in the mine
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	----	Ex-mine price is Rs.217.62/-
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported by the lessee in annual returns is Rs.122238258/-	Could not be verified.
9k	Scrutiny of Annual return on mining machineries	Excavator (2.5cu.m) - 3 Nos. Dumper (25Te) - 10 Nos. Crawler drill - 1 No. Compressor - 1 No. Water Tanker - 1No.	All proposed machineries found in the mining area.

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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 19(1)	27-AUG-21			

**Date :**

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines