

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

**MCDR inspection REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLG/LST-19 A/HYD

**Mine code :** 38APR14044

- (i) Name of the Inspecting : **M017** ) **MANISH K MAINDIRATTA**  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sri K Srinivas Rao, Sri N.Suryanarayana Raju ME, , Sh  
Official with  
Designation
- (iv) Date of Inspection : 17/02/2020
- (v) Prev.inspection date : 07/12/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MY HOME(141.644 HA)**
- (b) **Registration NO.** : **IBM/6908/2011**
- (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 : **myhomehdz@bsnl.com**  
Phone : **08683-226025,226316**
- (f) Police Station : **MELLACHERVU**
- (g) First opening date : **19/03/1993**
- (h) Weekly day of rest : **SUN**
2. Address for : **MELLACHERVU(VILLAGE & MANDAL)**  
correspondance : **NAGONDA DISTRICT-508246**
3. (a) Lease Number : **APR2342**
- (b) Lease area : **141.64**
- (c) Period of lease : **50**
- (d) Date of Expiry : **22/06/2033**
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 Sree Jayajothi Cements  
 Pvt Ltd Madhapur Hyderabad  
 NALGONDA ANDHRA PRADESH  
 Phone: 40-6629797  
 FAX :

Agent : K SRINIVAS RAO  
 MY HOME INDUSTRIES PRIVATE  
 LIMITED SRINAGAR  
 MELLACHERUVU NALGONDA  
 ANDHRA PRADESH  
 Phone: 08683-226354  
 FAX :

## Mining Engineer

Name : VENKANNA, Full Time  
 Qualification :  
 Appointment/ : 08/12/2007  
 Termination date

## Geologist

Name : P.V.R.S.RAJU, Full Time  
 Qualification : M.Sc(GEOLOGY)  
 Appointment/ : 18/08/2007  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Modif.of approved Mining Plan	02/04/2001
		Mining Scheme rule 12 MCDR1988	06/02/2004
		Fresh under rule 22 MCR1960	05/07/2007
		Mining Scheme rule 12 MCDR1988	15/10/2012
		Renewal under rule 24 MCR1960	19/09/2014
		MP modif under 17(3) MCR 2016	08/04/2019

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2018-19 Nil Proposal 2019-20- 10 DTH proposed	2018-19 Nil 2019-20- 10 DTH drilled	2019-20- there was proposal of drilling 10 DTH holes and same has been completed. Form I is submitted on 6/1/2020. Form K maintained. Chemical analysis pending.
1b	Exploration over lease area for geological axis 1 or 2	Nil	Entire lease area is now broadly covered under G1 level of exploration	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	Chemical analysis is yet to be done.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	Reserves assessed as on 1/1/2019 Reserves 111/121/122=2 0.16mT Remaining resources 37.06mT	Depletion 11/2019 to 31/3/2019=0.46mT Balance as on 1/4/2019= Reserves= 19.7mT Remaining Resource= 37.06mT	
1f	General remarks of inspecting officers on geology, exploration etc		The purple argillaceous limestone is exposed in the NW part of the lease. Mining is at present restricted above water table. For further deepening of pit beyond the approved depth, the further approval of CGWB for water drawl is required.	

## Development :

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

2a	Location of development w.r.t. lease area	There is no development activity except for the road development/ maintenance for the haulage purpose.	Nil	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No such proposal is there in the year 2018-19	No top soil reportedly generated.	
2c	Stripping ratio or ore to OB ratio	Not Applicable	Nil	As no overburden has been generated in 2018-19
2d	Quantity of topsoil generation in m3	No proposal for top soil generation in 2018-19	Nil generated in 2018-19	-
2e	Quantity of overburden generation in m3	Not Applicable	Nil	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2 Pits were proposed for production .	Pit 1 is developed to a depth f 77mRL and sump upto a depth of 75.10mRL Pit 2 is developed up t a depth of 82mRL	
3b	Quantity of ROM mineral production proposed	2018-19= 19,50,032 T	2018-19= 1949616 T	Production in 2019-20 till jan 2020 is 1053619 T
3c	Recovery of sailable/usable mineral from ROM production	Entire limestone is proposed to be utilized for the cement	Entire limestone is used.	
3d	Quantity of mineral reject generation	No proposal	Nil generated	

3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable
3f	Quantity of sub grade mineral generation.	No proposal	Nil generated
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Not adopted as entire limestone is used with simultaneous blending.
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	Drilling and Blasting proposed.	The drilling-blasting & opencast mechanized mining method is practiced during exploitation of limestone. 115mm dia drill holes being used to blast about 8m high benches. ANFO, slurry explosive with NONEL initiation system is used generally .
3k	Provision of mining machineries in mineral benches	Mechanized mining proposed.	a) Shovel: 2.5 m3 - 1 No. b) Shovel 1.8 cu m- 2 No c) Trucks 25 T - 11 no's d) Water tanker- 1 e) Drill machine - Atlas Copco- 115mm dia - 2 No's
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench height is about 8m and the boom height of 10m for excavator is found to be suitable.

3m	Total area covered under excavation/pits	Total area under excavation proposed till 2018-19=88.38 ha.	Actual area under mining / excavation= 84.65 ha till 31.3.2019.
3n	Ore to OB ratio for the pit/mine during the year.	Not Applicable	NIL
3o	Total area put in use under different heads at the end of year	Total area put to use including 12.28 ha. Of green belt was 107.8 till 31.3.2019.	Total area put to use as observed till 31.3.2019. Covered under current (O/C) Workings - 84.65 Ha.  b) Occupied by plant, buildings, residential, welfare buildings & roads - 8.314 Ha.  c) Other Purpose (Greenbelt Development) - 16.44 Ha.
3p	Production of ROM mineral during the last five year period as applicable	Year Proposed Prodn. (t) 2014-15 19,50,000 2015-16 19,50,000 2016-17 19,50,000 2017-18 19,50,000 2018-19 19,50,000 2019-20 19,50,032	Year Production(t) 2014-15 15,22,451 2015-16 12,67,020 2016-17 12,53,530 2017-18 16,14,838 2018-19 19,49,616
3q	General remarks of inspecting officers on method of mining etc.	-	The mining is carried out in two pit with 4 benches in pit 1 with pit bottom at 77m RL. However in Pit-2, 3 benches are developed with pit bottom at 83.14 mRL the mining is carried out. The lower bench is found to be water logged.

---

Solid Waste Management - Dumping:

---

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

---

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	N/A	NIL
4b	Location of topsoil, OB and mineral reject dumps	N/A	NIL
4c	Number of dumps within lease area and outside of lease area	N/A	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N/A	NIL
4e	Number of active and alive dumps.	N/A	NIL
4f	Number of dead dumps.	N/A	NIL
4g	Number of dumps established.	Not envisaged	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		

---

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.	NIL	NIL	Not envisaged, as area is not mature for reclamation by converting into water reservoir

5b	Area under backfilling of mined out area	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NIL	NIL

---

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.	
6b	Area available for rehabilitation (ha) .	No proposal for management of worked out benches.	Not done	
6c	afforestation done (ha).	No proposal for management of worked out benches.	Not done	
6d	No. of saplings planted during the year	No proposal for management of worked out benches.	Not done	
6e	Cumulative no .of plants	No proposal for management of worked out benches.	Not done.	
6f	Any other method of rehabilitation	No proposal for management of worked out benches.	Not done.	

---



6g	Cost incurred on watch and care during the year	No proposal for management of worked out benches.	Not applicable for worked out benches
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	No proposal for backfilling	Not done
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal for backfilling	Not done
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal for backfilling	Not done
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir		At the end of the deposit, the pit will be converted as water reservoir
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal for backfilling	not done.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	---	About 16.82 hectare area is rehabilitated by plantation along the lease boundary and on the purple limestone
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	--	About 16.82 hectare area is rehabilitated by plantation along the lease boundary and on the purple limestone

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	----	----	
6p	Compliance of environmental monitoring (core zone and buffer zone)	--		Periodically monitoring of the Air, Water and Noise being done as per MoEF. All parameters are within the permissible limits.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		No grade wise limestone sorting is undertaken.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No sorting proposed	Entire mineral produced is used after simultaneous blending as a cement grade material.	
7c	Different grade of mineral sorted out at mines.	No sorting proposed	Entire mineral produced is used after simultaneous blending as a cement grade material.	
7d	Any beneficiation process at mines	No proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			

---

Environment:

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

8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Nil	No top soil cover in ML area
8b	Concurrent use or storage of topsoil	Not Applicable	Nil	No top soil cover in ML area
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Nil	No overburden & waste generated from mines
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Nil	No overburden & waste generated from mines
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		Not envisaged, as area is not matured for reclamation	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	In 2018-19 2000 sapling over 1 hectare proposed	In 2018-19, 401 saplings over 0.38 ha.	Balance plantation has not been done so far. In 2019-20, 921 saplings have been planted.
8g	Survival rate		95% reported	
8h	Water sprinkling on roads to control airborne dust		water sprinkling system is provided along the Haul road up to crusher and water tanker is also provided.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

---

Compliance of Rule 45:

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

---

9a	Status of submission of Monthly and Annual returns	Monthly return submitted upto Jan 2020 Annual return submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri N Suryanarayan Raju is working as a Mining Engineer. Sh PVRs Raju is working as Geologist	Same is observed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	a) Covered under current (O/C) Workings - 84.65 Ha. b) Occupied by plant, buildings, residential, welfare buildings & roads - 8.314 Ha. c) Other Purpose (Greenbelt Development) - 16.82 Ha.	Broadly the same
9d	Scrutiny of Annual return on afforestation	401 Saplings within Mining Lease area	Work has been done besides crusher and ahead of pillar 22 near keerthi cement.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil reported	Same has been observed
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Production of 1949616 T reported.	Same as confirmed from production record.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	COP is reported as cost.208.54 Rs PMT	
9h	Scrutiny of Annual return on fixed assets	Submitted in the returns	

9k	Scrutiny of Annual return on mining machineries	Excavator- 3 Tipper-11 , drill machine-1, pump, water tanker, explosive van, compressor is being used	Same as submitted is being used
----	--	---	------------------------------------

---

**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)	03/03/2020	19/03/2020				

**Date :**

**(MANISH K MAINDIRATTA)**

Indian Bureau of Mines