

**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 : **M001**) **S K MUDULI**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : VIJAY KESHAV CHAKUNDE(AGENT-MINES), K. SRINIVASA RAO(MA
Official with
Designation
- (iv) Date of Inspection : 05/12/2017
- (v) Prev. inspection date : 25/02/2017

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** :
- (g) **First opening date** : 18/11/2005
- (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** : 31/07/2025
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 : SRI V S NARANG
 MY HOME INDUSTRIES LTD. 9TH
 FLOOR, BLOCK 3, MY HOME
 HUB, MADHAPUR, HYDERABAD
 NALGONDA TELANGANA
 Phone: 040-66929696
 FAX : 040-66929797

Agent : VIJAY KESHAV CHAKUNDE
 MELLACHERUVU VILLAGE &
 MANDAL NALGONDA DISTRICT
 NALGONDA TELANGANA
 Phone:
 FAX :

Geologist

Name : D.S.N.RAJU, Full Time
 Qualification : M.Sc(GEOLOGY)
 Appointment/ : 08/08/2012
 Termination date

Manager

Name : K. SRINIVASA RAO
 Qualification : DIP. IN MINING
 Appointment/ : 05/02/2011
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	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

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	22 CORE BH's	22 CORE BH's for 406m.	
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	225.618 ha of area under G1 & G2 axis.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Lessee	-
1d	Balance area to be explored to bring Geological axis in 1 or 2		Entire Mineralised zone except the shale unit is explored	36.77 Ha area is non mineralised
1e	Balance reserve as on 01/04/20		55.223 million tonnes under proved and probable mineral reserves	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In the centre part of the pit	Undertaken as proposed.	No waste generated, only top soil generated
2b	Separate benches in topsoil, overburden and minerals (Rule 15)		Yes top soil is worked as separate band.	
2c	Stripping ratio or ore to OB ratio	NA	No OB generation	
2d	Quantity of topsoil generation in m3	2016-17 - 1,88,785 m3	1,63,426 m3	
2e	Quantity of overburden generation in m3	NA	NIL	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Over burden generatyion is nil during the year.
----	---	---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 No's	1 No's	
3b	Quantity of ROM mineral production proposed	1819990 Tonnes	1599782 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	100% Recovery	100% Recovery	As the ROM is completely converted into Production.
3d	Quantity of mineral reject generation	NA	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NIL	
3f	Quantity of sub grade mineral generation.	NA	NIL	
3g	Grade of sub grade mineral generation	NA	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NIL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	Nil	
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling-blasting.	Deep hole drilling-blasting & opencast mechanized mining method is practiced.	

3k Provision of mining machineries in mineral benches
 a) Shovel: 2.5 m3 - 3 No's
 b) Trucks 20 T - 9 no's
 c) Drill machine - Atlas copco 115mm dia - 1 No's

3l Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM
 Yes Yes

3m Total area covered under excavation/pits
 74.85 Ha.

3n Ore to OB ratio for the pit/mine during the year.
 NA NIL

3o Total area put in use under different heads at the end of year
 83.418 Ha

3p	Production of ROM mineral during the last five year period as applicable	Year Proposed Prod'n. (t)	Year Production(t)
		2012-13	2012-13
	18,20,000		15,54,843
		2013-14	2013-14
	18,20,000		14,26,647
		2014-15	2014-15
			16,05,794
	18,19,995	2015-16	2015-16
			15,99,782
		2016-17	2016-17
	18,20,010		11,69,518
		2016-17	
	18,19,990		

3q General remarks of inspecting officers on method of mining etc.

Solid Waste Management - Dumping:

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

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate top soil Dump 2016-17 - 1,88,785 m3	2016-17 - 1,63,426 m3	Top soil is only generated
4b	Location of topsoil, OB and mineral reject dumps		along the lease boundary on eastern side and near magazine and BP 0- 1 for plantation	
4c	Number of dumps within lease area and outside of lease area	No proposal	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		Out side UPL	
4e	Number of active and alive dumps.	NA	NIL	
4f	Number of dead dumps.	NA	NIL	
4g	Number of dumps established.	NA	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NIL	
4i	Length of Retaining wall or garland drain all along dumps	NA	NIL	
4j	Number of settling ponds	NA	NIL	
4k	Specific comments of inspecting officer on waste dump management		There is no OB and waste generation.	

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 part of the mining lease area is mature for backfilling.

5b	Area under backfilling of mined out area	-	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	-	For planation and additional quantity being stored.	
5d	Total area fully reclaimed and rehabilitated	-	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-		No part of the mining lease area is mature for back filling and reclamation.

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).	-	Yes	
6b	Area available for rehabilitation (ha) .		Nil	No part of the mining lease area is matured
6c	afforestation done (ha).			
6d	No. of saplings planted during the year			
6e	Cumulative no .of plants			
6f	Any other method of rehabilitation	Monitoring of the Air, Water and Noise quality.	Periodically monitoring the Air, Water and Noise, all parameters within the permissible limits	
6g	Cost incurred on watch and care during the year	-		

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	-	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	-	No area is matured.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		2016-17- 12,10,635 tonnes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	-	Simultaneous blending done while lifting of material.	
7c	Different grade of mineral sorted out at mines.	-	NA	
7d	Any beneficiation process at mines .	-	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)	Proposed	Carried out as per proposal	
8b	Concurrent use or storage of topsoil		Used for Planatation and storing for future use.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	No part of the mining lease area is matured.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2016-17 = 500 (0.5 ha)	During the year 2016-17 1,808 nos saplings planted in 1.73 Ha area Cumulatively a total of 5645 nos sapling planted in 5.79 Ha area	
8g	Survival rate	-	90%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Practiced	Installed mistsprayer attachment for water sprinkling along the Haul road up to crusher and spraying water on blasted ROM
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submission of Monthly and Annual returns as per the provisions of rules	Submitting both monthly and annual returns regularly	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	a) Manager - Appointed b) Mining Engineer - Appointed c) Geologist - Appointed	Same as return	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		No discrepancy found	
9d	Scrutiny of Annual return on afforestation	1,808 Saplings @ 1.73 Ha.	No discrepancy found	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	No discrepancy found	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening stock @ 76,564 t Production @ 11,69,518 t Dispatch @ 12,10,635 t Closing stock @ 35,447 t		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		Cost of Production per tonne-Rs 212.59 Sale value-Nil as it is for captive consumption	
9h	Scrutiny of Annual return on fixed assets		Sale value @ Nil , Ex. Mine price & Production cost @ Average per year Rs.212.59/- per tone	
9k	Scrutiny of Annual return on mining machineries	Depreciation on fixed assets @ Rs.4,12,64,000 /-		

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

Date :
(S K MUDULI)

Indian Bureau of Mines