

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-28/HYD

Mine code : 38APR14040

- (i) Name of the Inspecting : **M029**) **MADHU SUDHAN YADAV M**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri. N.Naresh, Mine Manager & Shri. G. Naresh Kumar,
Official with
Designation
- (iv) Date of Inspection : 02-JAN-23
- (v) Prev.inspection date : 18-AUG-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **YEPALAMADHAVARAM**
- (b) **Registration NO.** : **IBM/6908/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : **TELANGANA**
- District : **NALGONDA**
- Village : **YEPALAMADHAVARAM**
- Taluka : **MELLACHERUVU**
- Post office : **MELLACHERUVU**
- Pin Code : **508246**
- FAX No. : **08683-226354**
- E-mail : **mines@myhomegroup.in**
- Phone : **08683-226025**
- (f) Police Station : **MELLACHERUVU**
- (g) First opening date : **02-DEC-04**
- (h) Weekly day of rest : **SUN**
2. Address for : **MY HOME INDUSTRIES LTD, SRINAGAR**
correspondance : **MELLACHERUVU VILLAGE & MANDAL**
KODAD TALUQ NALGONDA DISTRICT-508246
3. (a) Lease Number : **APR2898**
- (b) Lease area : **121.41**
- (c) Period of lease : **50**
- (d) Date of Expiry : **25-OCT-56**
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 SRINIVAS RAO
 MY HOME INDUSTRIES PRIVATE
 LIMITED SRINAGAR
 MELLACHERUVU NALGONDA
 ANDHRA PRADESH
 Phone: 08683-226354
 FAX :

Mining Engineer

Name : N SURYANARAYANA RAJU, Full Time
 Qualification : BE MINING
 Appointment/ : 01-OCT-18
 Termination date

Geologist

Name : G NARESH KUMAR, Full Time
 Qualification : MSC GEOLOGY
 Appointment/ : 17-AUG-18
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Fresh under rule 22 MCR1960	30-NOV-01
		Mining Scheme rule 12 MCDR1988	08-SEP-11
		MP modif under MCR 1960	23-OCT-15
		Mining Scheme rule 12 MCDR1988	08-AUG-16
		MP review under 17(1) MCR 2016	04-NOV-20

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	2021-22 - 02 Nos.	2021-22 - 02 Nos.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	----	Lessee has drilled the DTH boreholes with their own drilling machine and manpower	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Entire mining lease is covered under G1 level of exploration	
1e	Balance reserve as on 01/04/20	----	Proved Mieral Reserves as on 01/04/2022 - 46.88 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Entire lease area is covered under G1 level of exploration.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Proposed to develop the 1st bench in North & East direction, 2nd bench in East, North & South direction, 3rd bench in North and East direction and 4th bench is North and West direction	Work done within the proposed area.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No topsoil and overburden benches proposed. Only mineral benches proposed to develop.	Only mineral benches developed.	

2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m3	2021-22- 600 cu.m	2021-22 - 864.99 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 overburden generated in the mining lease area. Topsoil generated is being scrapped and utilised for plantation.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2021-22 - 580000 Tonnes 2022-23 - 580000 Tonnes	2021-22 - 580000 Tonnes 2022-23 - 490000 Tonnes (upto Dec'22)	
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.	No proposal	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 is proposed in the mineral benches.	Wagon drill being used for drilling with a blast hole dia of 115 mm & depth of 9.5 m, spacing of 6 meters and burden of 3 meters. Blasting with ANFO & slurry 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 between 9 m and digging height of the excavators are compatible with bench height
3m	Total area covered under excavation/pits	29.0 Ha	25.916 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	Open pit - 29.0 Ha Infrastructure - 0.107 Ha Roads - 1.709 Ha	Open pit - 25.916 Ha Infrastructure - 1.816 Ha

3p	Production of ROM mineral during the last five year period as applicable	2017-18 - 0.66 million tonnes	2017-18 - 0.658 million tonnes
		2018-19 - 0.66 million tonnes	2018-19 - 0.659 million tonnes
		2019-20 - 0.66 million tonnes	2019-20 - 0.536 million tonnes
		2020-21 - 0.66 million tonnes	2020-21 - 0.424 million tonnes
		2021-22 - 0.66 million tonnes	2021-22 - 0.58 million tonnes
		2022-23 - 0.66 million tonnes	2022-23 - 0.49 million tonnes
			(upto Dec'22)

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

The mining operations are being carried out by opencast fully mechanised method using HEMM with deep hole drilling and blasting.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Nil	
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)	No proposal	Nil	
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	

4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			No OB is generated in the mining area and the topsoil is scrapped and utilised for plantation.

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	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 in time	Submitted in time	

6b	Area available for rehabilitation (ha) .	No proposal	Nil
6c	afforestation done (ha).	2021-22- 0.162 Ha	2021-22- 0.18 Ha
6d	No. of saplings planted during the year	2021-22- 150 Nos.	2021-22 - 207 Nos.
6f	Any other method of rehabilitation	No proposal	Nil
6g	Cost incurred on watch and care during the year	No proposal	Nil
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 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 2021-22 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.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM produced is to be despatched.	The entire ROM is being fed to crusher and then supplied to the plant for manufacturing for Cement.	
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 scrap the tosoil and utilise for plantation.	Topsoil scrapped and utilised for plantation.	
8b	Concurrent use or storage of topsoil	Topsoil to be used for plantation	Topsoil utilised for plantation	
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	
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)	150 Nos. of plantation in 0.162 Ha araea	207 Nos. of plantation in 0.16 Ha area	
8g	Survival rate	No proposal	95%	

8h	Water sprinkling on roads to control airborne dust	Proposed to use water sprinklers and water tankers for dust suppression	Water sprinklers and tankers used to dust suppression	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Plantation is being carried out in and around the mine to improve aesthetic beauty.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annula returns to be submitted as per rule	Monthly and annual returns submitted as per rule.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager & Mining Engineer - Sri. N. Naresh Geologist - Sri. B. Maheswara	Manager & Mining Engineer - Sri. N. Naresh Geologist - Sri. Venkatesh	Advised to update the Geologist details in the returns portal
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Openpit - 25.916 Ha Infrastructure - 1.816 Ha Green belt - 8.551 Ha	Same as submitted	
9d	Scrutiny of Annual return on afforestation	207 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	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening and Closing stock - Nil	Opening and Closing stock - Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production reported as - Rs.155.07/-	Rs.155.07/-	

9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported by the lessee in annual returns is Rs.9486193/-	Fixed assest could not be verified.
9k	Scrutiny of Annual return on mining machineries	Back hoe - 02 Nos. Tipper - 13 Nos. Drill machine - 1 No. Pumps - 3 No.s Water Tanker - 1No.	All machineries found in the mining area.

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 :

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines