

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

Mining Plan Modification REPORT

Hyderabad regional office

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

Mine code : 38APR14040

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN R**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri. N.Naresh, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 21-JUL-23
- (v) Prev.inspection date :

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	:	Fresh under rule 22 MCR1960	30-NOV-01
Plan/Scheme of Mining	:	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 such specific proposal.	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	2 nos of bore holes were drilled.	Entire mineralised area has been explored under G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year		In house facility, Rs.98550	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Entire mineralised area has been explored under G1 level.	
1e	Balance reserve as on 01/04/20	As per the approved document dated 04.11.2020, the Limestone reserves are 47.71 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2023 are limestone: 46.30 mil.t.	grade Cao - 43.61%
1f	General remarks of inspecting officers on geology, exploration etc		the limestone profile in the stratigraphy of the area made up from top to bottom variegated limestone, grey to light grey, thin to thick bedded limestone of good quality.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit-1 grid locatio N1856330- N1856000 & E387274- E386449	development carried out between the gird location as proposed.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil is proposed to be removed by scrapping and No OB generation is envisaged. benches in mineral are proposed.	top soil is scrapped separately benches in mineral are maintained.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil
2d	Quantity of topsoil generation in m3	650 cu.m. during the year 2022-23.	987 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		development is carried out by opencast mining method as proposed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	580000 t during the year 2022-23.	579997 t	
3c	Recovery of sailable/usable mineral from ROM production	580000 t.	579997 t	
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	No proposal.	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Mechanised.
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.	drilling & blasting is carried out.
3k	Provision of mining machineries in mineral benches	excavator and dumper combination is proposed for excavation.	excavator and dumper combination is deployed for excavation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	9 m	maintained.
3m	Total area covered under excavation/pits	29 ha at the end of plan period i.e. year 2025-26.	26.53 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	30.857 ha at the end of plan period i.e. year 2025-26.	28.89 ha
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 0.66 mil.t. 2019-20: 0.66 mil.t. 2020-21: 0.66 mil.t. 2021-22: 0.58 mil.t. 2022-23: 0.58 mil.t.	2018-19: 0.659 mil.t. 2019-20: 0.536 mil.t. 2020-21: 0.424 mil.t. 2021-22: 0.58 mil.t. 2022-23: 0.579 mil.t.
3q	General remarks of inspecting officers on method of mining etc.		production is carried out from one pit by opencast mining method as proposed.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed for top soil, no OB generation is envisaged.	carried out.	
4b	Location of topsoil, OB and mineral reject dumps	Proposed to be utilised for top soil.		
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	No proposal.	Nil
4j	Number of settling ponds	No proposal.	Nil
4k	Specific comments of inspecting officer on waste dump management		No OB/waste generation is envisaged.

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.			Not envisaged, as area is not matured for 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).	PMCP report to submitted before 1 st July.	submitted	
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	0.126 ha during the year 2022-23.	0.15 ha	
6d	No. of saplings planted during the year	150 nos	152 nos	
6e	Cumulative no .of plants		7905 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 1883691	
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)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.	parameters are within the limits.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out.	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical.	mechanical.	
7c	Different grade of mineral sorted out at mines.	cement grade limestone.	cement grade limestone.	
7d	Any beneficiation process at mines .	No proposal.	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		entire ROM (limestone) of cement grade is used at captive plant.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed.	carried out	
8b	Concurrent use or storage of topsoil	Proposed.	carried out.	
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	152 nos
8g	Survival rate		94%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017.	submitted.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	(i) Graduate Mining Engineer 3,(ii) Diploma Mining Engineer 2,(iii) Geologist 1	found to be in order.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O-C) Workings 26.530 ha,(ii) Occupied by plant, buildings, residential, welfare buildings and roads 1.857 ha etc.,	found to be in order.
9d	Scrutiny of Annual return on afforestation	152 nos	found to be in order.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	found to be in order.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is Nil	found to be in order.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine price Rs.161.47/t	Ex-mine price Rs.161.47/t
9h	Scrutiny of Annual return on fixed assets	Rs. 12558460	Rs.12558460

9k Scrutiny of BACK HOE 1.100 found to be in order.
Annual return on CUM 2, TRUCK
mining 25.000 TONNE
machineries 11, AIR
 COMPRESSOR
 14.160 CUM/MN
 1, ROCK DRILL
 (NON-ELEC.)
 115.000 MM 1
 etc.,

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 :**(RAMKISHAN R)**

Indian Bureau of Mines