

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : TS/LST-87/HYD

Mine code : 38TNG08002

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN R**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri K.Srinivasa Rao, GM (Mines), Sri M.Appala Raju, D
Official with
Designation
- (iv) Date of Inspection : 01/10/2022
- (v) Prev.inspection date : 04/09/2021

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHOUTUPALLI (386.37 HA)**
- (b) **Registration NO.** : **IBM/6908/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : **TELANGANA**
District : **NALGONDA**
Village : **CHOUTAPALLI & MELLAC**
Taluka : **MELLACHERUVU**
Post office : **MELLACHERUVU**
Pin Code : **508246**
FAX No. :
E-mail : **ksrao@myhomegroup.in**
Phone : **8096508090**
- (f) Police Station : **MELLACHERUVU**
- (g) First opening date : **22/02/2018**
- (h) Weekly day of rest : **SUN**
2. Address for : **M/S MY HOME INDUSTRIES PVT LIMITED**
correspondance : **MELLACHERUVU VILLAGE**
SURYAPET DISTRICT-508246,TELANGANA STATE
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : MY HOME INDUSTRIES LTD
 SRINAGAR MELLACHERVU
 VILLAGE& MANDAL NALGONDA
 NALGONDA TELANGANA
 Phone:08683226354
 FAX :08683226354

Owner : Sri Chandrasekhar Pandey
 My Home Industries pvt
 Limited My Home Hub
 Hyderabad NALGONDA
 TELANGANA
 Phone: 66929797
 FAX :

Agent : K SRINIVASA RAO
 MY HOME INDUSTRIES LIMITED
 MELLACHERUVU MANDAL &
 VILLAGE SURYAPET DISTRICT
 NALGONDA TELANGANA
 Phone: 08683-226354
 FAX :

Mining Engineer

Name : A papaiah, Full Time
 Qualification : B Tech Mining
 Appointment/ : 01/08/2019
 Termination date

Geologist

Name : A Naga Rajesh, Full Time
 Qualification : Msc Geology
 Appointment/ : 22/02/2018
 Termination date

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 27/11/2019
 Plan/Scheme of Mining : MP review under 17(1) MCR 2016 03/11/2020

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.	Nil	Entire mineralised area explored under G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire mineralised area explored under G1 level.	Entire mineralised area explored under G1 level.	
1e	Balance reserve as on 01/04/20	As per the approved document dated 03.11.2020, the Limestone reserves are 94.92 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2022 are limestone: 93.5 mil.t.	
1f	General remarks of inspecting officers on geology, exploration etc		The limestone deposit within the ML area forms a part of Proterozoic Palnad basin equivalent of Narji limestone formation of Kurnool Group. This limestone deposit is simple sedimentary, bedded stratiform of regular habit.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	One pit is proposed for development.	One pit is being developed.	

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	Not applicable	Nil	No OB/waste generation is envisaged.
2d	Quantity of topsoil generation in m3	4423 cu.m. during the year 2021-22.	3469 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	0.9 mil.t. during the year 2021-22.	0.812 mil.t.	
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	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	34.22 ha at the end of plan period i.e. 2025-26.	15.30 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	41.22 ha at the end of plan period i.e. 2025-26.	19.156 ha
3p	Production of ROM mineral during the last five year period as applicable	2018-19 5,00,008 t 2019-20 7,75,000 t 2020-21 10,00,000 t 2021-22 9,00,000 t	2018-19 30,890 t 2019-20 4,87,360 t 2020-21 7,39,750 t 2021-22 8,12,000 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.	submitted before 1 st July.	
6b	Area available for rehabilitation (ha) .	No Proposal.	Nil.	
6c	afforestation done (ha).	0.14 ha. during the year 2021-22.	0.14 ha.	
6d	No. of saplings planted during the year	150 nos	150 nos	
6e	Cumulative no .of plants	3153 nos	3177 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 713,161.52/-	

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.
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
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8a	Separate removal and utilization of topsoil (Rule 32)	proposed.	carried out for top soil.
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 during the year 2021-22.	150 nos
8g	Survival rate		95%
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
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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	Graduate Mining Engineer 1, Diploma Mining Engineer 1, Geologist 1	found to be in order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings 15.300 ha, Occupied by plant, buildings, residential, welfare buildings & roads 0.556 ha, Other Purpose ((Green Belt Development)) 3.300 ha	found to be in order.	
9d	Scrutiny of Annual return on afforestation	150 nos	found to be in order.	
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	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 is Rs. 145.26	Ex-Mine price furnished in the annual return submitted for the year 2021-22 is not matching with the derived weighted average of the Ex-mine prices furnished in Monthly returns for the year 2021-22. The production cost furnished also not matching with Ex-Mine price furnished.	advised the lessee to rectify the issue.

9h	Scrutiny of Annual return on fixed assets	Rs. 67453378/- Rs. 67453378/-
9k	Scrutiny of Annual return on mining machineries	BACK HOE 1.800 found to be in order. CUM 1, TRUCK 25.000 TONNE 6, AIR COMPRESSOR 13.600 CUM/MN 1 etc.,

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

Date :

(RAMKISHAN R)

Indian Bureau of Mines