

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

**Mining Plan Modification REPORT**

**Hyderabad regional office**

**Mine file No :** AP/GNR/LST-77/HYD

**Mine code :** 38APR07067

- (i) Name of the Inspecting : **K007** ) **SHAIVAL KARTIKEYA**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri N. Rajesh, QP and Sr. Manager (Geology)  
Official with  
Designation
- (iv) Date of Inspection : 05-APR-23
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GAMALAPADU(374.58 HA)**
- (b) **Registration NO.** : **IBM/6908/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : **ANDHRA PRADESH**  
District : **GUNTUR**  
Village : **GAMALAPADU**  
Taluka : **DACHEPALLI**  
Post office : **GAMALAPADU**  
Pin Code : **522414**  
FAX No. :  
E-mail :  
Phone : **9948393645**
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : **SUN**
2. Address for : Gamalapadu village  
correspondance : Dachepalli Mandal  
Guntur Dist
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 : 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 :

6. Date of approval of Mining	:	MP review under 17(1) MCR 2016	15-FEB-21
Plan/Scheme of Mining	:	MP modif under 17(3) MCR 2016	28-JUN-21

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	F.Y. 2022-23: 04 nos. of core boreholes with cumulative depth of 240 meters.	Not achieved, as the mining operations are not started so far.	Status of level of exploration as on 01/04/2023: G1 Level: 35.99 Ha. G2 Level: 49.25 Ha. G3 Level: 25.37 Ha. G4 Level: 263.97 Ha.
1b	Exploration over lease area for geological axis 1 or 2	Part of 49.25 Ha. G2 level will be converted in to G1 level.	-do-	-do-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not mentioned in the approved document.	Nil.	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Part of 49.25 Ha. G2 level will be converted in to G1 level.	Not achieved, as the mining operations are not started so far.	-
1e	Balance reserve as on 01/04/20	Balance reserves as on 01/04/2023 Under (111): 40.885 Million Tonnes Under (122): 23.817 Million Tonnes Under (221): 30.683 Million Tonnes Under (222): 26.553 Million Tonnes Under (333): 15.216 Million Tonnes	Balance reserves as on 01/04/2023 Under (111): 40.885 Million Tonnes Under (122): 23.817 Million Tonnes Under (221): 30.683 Million Tonnes Under (222): 26.553 Million Tonnes Under (333): 15.216 Million Tonnes	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant. Average grade of limestone: CaO: 44.99% SiO2: 14.39% MgO: 0.53%

1f	General remarks of inspecting officers on geology, exploration etc	Mining Lease area is with limestone exposures with interstitial clay between the beds except the south western and north western part. The south western and north western part of the ML area is covered with soil cover with few scanty rock exposures. The general strike of the deposit is NE-SW with less than 5 to 20 degrees dipping towards NW.	Limestone beds are in Stratiform, structurally undisturbed by any tectonic movements. Only vertical strike joints and solution cavities existing and filled with yellow clay. The area is a relatively flat ground with slight undulation and a very gentle slope towards East. Limestone deposit within the ML area forms part of Proterozoic Palnad sub-basin equivalent of Narji limestone formation of Kurnool Group. These carbonate rocks were formed by sedimentary origin.
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## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	F.Y. 2022-23: N1840184 to N1840404 and E362539 to E362600	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Topsoil: 01 no. Mineral/Ore: 01 no.	-do-	-do-
2c	Stripping ratio or ore to OB ratio	1 : 0.0	-do-	-do-
2d	Quantity of topsoil generation in m3	9879.94 CuM	Nil topsoil has been generated.	-do-

2e	Quantity of overburden generation in m3	No proposal.	Nil.	-do-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01 no.	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
3b	Quantity of ROM mineral production proposed	59589.00 Metric Tonnes	-do-	-do-
3c	Recovery of sailable/usable mineral from ROM production	100%	-do-	-do-
3d	Quantity of mineral reject generation	No proposal.	Nil.	-do-
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil.	-do-
3f	Quantity of sub grade mineral generation.	No proposal.	Nil.	-do-
3g	Grade of sub grade mineral generation	No proposal.	Nil.	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised crushing and screening has been proposed.	No development and production has been done during F.Y. 2022-23	-do-

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil.	-do-
3j	Provision of drilling and blasting in mineral benches	Drill hole diameter: 115.0 mm Spacing: 5.0 m Burden: 3.0 m Depth: 9.5 m Explosive: ANFO	No development and production has been done during F.Y. 2022-23	-do-
3k	Provision of mining machineries in mineral benches	1. Excavator 04 nos. with 2.5 CuM bucket capacity 2. Wagon Drill 04 nos. with 115 mm bit diameter 3. Compressor 04 nos. with 445 CFM capacity 4. Tipper: 25 nos. with 15.0 Tonnes capacity 5. Water Tanker 01 no. with 10 KL capacity 6. Jeep 01 no. with 60 HP capacity 7. Tractor Dozer 01 no. with 55 HP capacity	-do-	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Topsoil: 0.50 m to 1.0 m Mineral/Ore: 2.0 m to 3.0 m	-do-	-do-
3m	Total area covered under excavation/pits	15.939 Ha. up to end of F.Y. 2025-26	-do-	-do-
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.0	-do-	-do-

3o	Total area put in use under different heads at the end of year	Pit: 15.939 Ha. Waste/reject- Nil. Others- 7.198 Ha. Up to end of F.Y. 2025-26	Pit: Nil. Waste/reject- Nil. Others- Nil. Up to end of F.Y. 2022-23	-do-
3p	Production of ROM mineral during the last five year period as applicable	Yr. 2017-18: 38250.00 Metric Tonnes Yr. 2018-19: 500000.00 Metric Tonnes Yr. 2019-20: 2500000.00 Metric Tonnes Yr. 2020-21: 11975.00 Metric Tonnes Yr. 2021-22: 11918.00 Metric Tonnes Yr. 2022-23: 59589.00 Metric Tonnes	Yr. 2017-18: Nil. Yr. 2018-19: Nil. Yr. 2019-20: Nil. Yr. 2020-21: Nil. Yr. 2021-22: Nil. Yr. 2022-23: Nil.	-do-
3q	General remarks of inspecting officers on method of mining etc.			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposal has been given in the approved document for separate stacking of topsoil and mineral within lease area.	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

4b	Location of topsoil, OB and mineral reject dumps	In between UTM co-ordinates:  Topsoil (Temporary Stock): N1840480 to N1840615 and E361748 to E361848  Mineral/Ore (Temporary Stock): N1839828 to N1839888 and E362368 to E362474	-do-	-do-
4c	Number of dumps within lease area and outside of lease area	Topsoil: 01 no. Mineral: 01 no. Waste: Nil.	-do-	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	-do-	-do-
4e	Number of active and alive dumps.	No proposal.	-do-	-do-
4f	Number of dead dumps.	No proposal.	-do-	-do-
4g	Number of dumps established.	No proposal.	-do-	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	-do-	-do-
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	-do-	-do-
4j	Number of settling ponds	No proposal.	-do-	-do-
4k	Specific comments of inspecting officer on waste dump management			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.



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.	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
5b	Area under backfilling of mined out area	No proposal.	-do-	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Topsoil will be spreaded in 7.5 m barrier zone for the purpose of plantation as well as stocked temporarily in between UTM co-ordinates N1840480 to N1840615 and E361748 to E361848	-do-	-do-
5d	Total area fully reclaimed and rehabilitated	F.Y. 2022-23: 0.329 Ha. area will be utilized for plantation of 365 nos. of saplings.	-do-	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

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).	As per rule 26(2), lessee has to submit the annual report before 1st day of July of every year.	Annual report on PMCP for F.Y. 2021-22 has been not been submitted.	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil.	-do-

6c	afforestation done (ha).	No proposal.	Nil.	-do-
6d	No. of saplings planted during the year	No proposal.	Nil.	-do-
6e	Cumulative no .of plants	No proposal.	Nil.	-do-
6f	Any other method of rehabilitation	No proposal.	Nil.	-do-
6g	Cost incurred on watch and care during the year	No proposal.	Nil.	-do-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Nil.	-do-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil.	-do-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal.	Nil.	-do-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil.	-do-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil.	-do-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	365 nos.	No development and production has been done during F.Y. 2022-23	-do-

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.329 Ha.	-do-	-do-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	By plantation	-do-	-do-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposal has been given in the approved document for regular monitoring of the environmental parameters in the core and buffer zone.	-do-	-do-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM/Ore will be dispatched directly to the crusher plant without sorting.	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal for grade wise sorting.	-do-	-do-
7c	Different grade of mineral sorted out at mines.	-do-	-do-	-do-

7d	Any beneficiation process at mines	No Proposal.	-do-	-do-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Generated topsoil will be spreaded in 7.5 m barrier zone for the purpose of plantation as well as stocked temporarily in between UTM co-ordinates N1840480 to N1840615 and E361748 to E361848	No development and production has been done during F.Y. 2022-23	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
8b	Concurrent use or storage of topsoil	-do-	-do-	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of stacking of topsoil and mineral/ore have been proposed in between UTM co-ordinates	-do-	-do-
		Topsoil: N1840480 to N1840615 and E361748 to E361848		
		Mineral/ore: N1839828 to N1839888 and E362368 to E362474		

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal.	-do-	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	F.Y. 2021-22: 0.329 Ha. area will be utilized for plantation of 365 nos. of saplings.	-do-	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	365 nos. of saplings will be planted over 0.329 Ha. area.	-do-	-do-
8g	Survival rate	No Proposal.	-do-	-do-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads to control airborne dust through the water tanker.	-do-	-do-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to April 2023 A. R. Submitted up to F.Y. 2021-22	M.R. Submitted up to April 2023 A. R. Submitted up to F.Y. 2021-22	Nil.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Not appointed. Mining Engineer: Not appointed. Geologist: Not appointed.	Manager: Not appointed. Mining Engineer: Not appointed. Geologist: Not appointed.	The mining operations are not started so far due to delay in the erection of the Captive Cement Plant.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit: Nil. Waste/reject- Nil. Others- Nil.	Pit: Nil. Waste/reject- Nil. Others- Nil.	-do-
9d	Scrutiny of Annual return on afforestation	Within lease area: Nil. Outside lease area: Nil. Survival rate: Nil.	Within lease area: Nil. Outside lease area: Nil. Survival rate: Nil.	-do-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral-reject: NIL Grade: NIL	Mineral-reject: NIL Grade: NIL	-do-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock ROM: Nil. Graded Ore Nil.	Closing Stock ROM: Nil. Graded Ore Nil.	-do-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value: Nil. Ex-mine Price: Nil. Cost of Production: Nil.	Sale value: Nil. Ex-mine Price: Nil. Cost of Production: Nil.	-do-
9h	Scrutiny of Annual return on fixed assets	Rs. 216702960/-	Rs. 216702960/-	-do-
9k	Scrutiny of Annual return on mining machineries	Nil information given.	Nil.	-do-

**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 :**

(SHAIVAL KARTIKEYA)

Indian Bureau of Mines