

**MCDR INSPECTION REPORT**

1) Name of Inspecting officer:	<b>Shri Ramakishan.R</b>
2) Designation	DCOM, IBM, Hyderabad
3) Accompanying mine official with designation	K.Srinivasa Rao, GM(Mines), N.Naresh, Sr.Manager (Mines),
4) Date of Inspection	20.09.2024

**Part-I: General**

Sl. No	Particulars	Details
1	Name of the Mine	My Home Limestone Mine-II
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 252.407 Ha. Non-forest Land: 252.407 Ha. Forest land: Nil.
3	Mine code	38TEL696001
4	IBM Registration Number under rule 45 of MCDR,2017	IBM/6908/2011
5	Name of the lessee, Address, phone, email, and fax number	M/s My Home Industries Private Limited, My Home Hub”, Block No.3, 9th floor, Opp: NIFT, Hyderabad - 500 081. Phone No: 040 - 66929696, Fax No: 66929797.
6	Village	MELLACHERUVU & YEPALAMADHAVARAM
7	Taluk/Mandal	MELLACHERUVU
8	District	SURYAPET
9	Pin code	508246
10	State	TELANGANA STATE
11	Post office	MELLACHERUVU
12	Nearest police station	MELLACHERUVU
13	Nearest Railway station	MIRYALAGUDA - 55 KM from Mine site
14	Date of Grant of Mining Lease	G.O.Ms.No:3, Date. 25.02.2021 & G.O.Ms.No:5, Date. 02.03.2021 I&C [M.II] Department
15	Date of Execution	The lease was executed vide Proceeding no. 3779/ML/Ls/2015, dated 08.03.2021
16	Date of opening of Mine	10-02-2023
17	Date of first Renewal, if applicable and its period & expiry	---
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with address, phone ,email, fax number and date of appointment	Sri Chandrashekhar Pandey My Home Hub”, Block No.3, 9th floor, Opp: NIFT, Hyderabad - 500 081. E-mail ID: corp@myhomeindustries.in Phone No: 040 - 66929696, Fax No: 66929797. Date of Appointment: 16.04.2022
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri K. Srinivasa Rao My Home Industries Private Limited, Mellacheruvu Village & Mandal, Suryapet District - 508246. T.S. E-mail ID: ksrao@ myhomeindustries.in Mobile No:8096508092

		Phone No: 9848157270, Fax No: 08683-226354. Date of Appointment: 18.04.2022
22	Name of the mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri. N.Naresh My Home Industries Private Limited, Mellacheruvu Village & Mandal, Suryapet District – 508246. T.S. E-mail ID: appalarajum@myhomeindustries.in Mobile No:8978902011 Phone No: 9848157270, Fax No: 08683-226354. Date of Appointment: 04.11.2022
23	Name of the Mining Engineer ,Qualification and total experience with Address, phone, email, fax number and date of appointment in Mine	Sri. T.Venkata Narayana My Home Industries Private Limited, Mellacheruvu Village & Mandal, Suryapet District – 508246. T.S. E-mail ID: NIL Mobile No:9100073509 Phone No: 9848157270, Fax No: 08683-226354. Date of Appointment: 03.09.2024
24	Whether Geologist and Mining Engineer appointed In mines satisfy the rule 42& carrying out their duties as per rule 43&44	a) Appointment of Mining Engineer dated 03.09.2024 b) Appointment of Geologist dated 03.05.2023(Mr. R.Yadaiah , appointed as Geologist)
25	Date of approval of Mining plan / Modified Mining Plan with five year period and specific condition In approval letter, if any.	Mining Plan Approved vide letter no: AP/NLG/MP/LST-75/Hyd, dated: 09.08.2023
26	Date of Approval of Scheme of Mining with five year period and specific condition In approval letter, if any.	NIL
27	Mineral(s) granted in lease and proved for mining	Limestone (Cement Grade)
28	Method of Mining (Opencast, Underground)	Opencast Workings
29	Category (Fully Mechanized, Others or	Fully Mechanized
30	Captive/Non captive	Captive Purpose

### Details about Mining Plan/ Mining Scheme

a) Letter No. and date of approval of mining plan	:	AP/NLG/MP/LST-75/Hyd, dated 09.08.2023
b) Letter No. and date of approval of mining scheme	:	NIL
c) Condition while approving the MP/ MS/ modification	:	No Conditions mentioned.
d) Period of mining plan/ mining scheme in force :	:	5 year block period 2020-21 to 2024-25 MMP in force 2023-24 (01.07.2023 – 31.03.2024) to 2024-25

13.

**PART III-MCDR Report details. (For the Year 2023-24)**

- 1. Scientific Mining:** Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

**Exploration:**

S.N.	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.	7 Nos. of boreholes proposed.	Drilling of 7 Nos. of boreholes carried out	
1c	Exploration Agency & Expenditure in lakh Rupees during the year		Rs. 16,07,180/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	7 Nos. of boreholes proposed	Drilling of 7 Nos. of boreholes carried out	
1e	Balance reserves as on 01.04.2024	As per the approved document dated 09.08.2023, the Limestone reserves are 91.48 mil.t		
1f	General remarks of inspecting officer on geology, exploration etc.	The limestone deposit within the Mining Lease 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 without any structural disturbances.		

**2. Development:**

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Location E 386761, N 1857097 & E 387316 , N 1856559	N1857100-N185700 & E386400-E386600	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Top soil Location E 386761, N 1857097 & E 387316 , N 1856559	Nil	Violation pointed out and communicated to lessee vide letter dated 24.09.2024
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m <sup>3</sup>	1,20,137.85 m <sup>3</sup>	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	Not Applicable	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	development is carried out by opencast mining method as proposed.		

**3. Exploitation ( 2021-22 )**

S.N.	Item	Proposals	Actual work	Remarks
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3a	Number of pits proposed for production	1 No	1 No.	
3b	Quantity of ROM mineral production proposed	9,00,000 MT	2,900 MT	
3c	Recovery of salable/usable mineral from ROM production	9,00,000 MT	2,900 MT	Violation pointed out and communicated to lessee vide letter
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable	
3e	Grade of mineral reject generation and threshold value declared	Not Applicable	Not Applicable	
3f	Quantity of sub-grade mineral generation	Not Applicable	Not Applicable	
3g	Grade of sub-grade mineral generation	Not Applicable	Not Applicable	
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanical	Mechanical	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal.	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	The conventional drilling-blasting & opencast mechanized mining method is practiced during exploitation of limestone. Ammonium nitrate based slurry explosives in cartridge form of 83mm dia are being used for blasting of deep holes of 115mm dia		
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	Yes	Yes	
3m	Total area covered under excavation/pits	17.16 Ha.	0.145 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	Not Applicable	Not Applicable	

3o	Total area put in use under different heads at the end of year	24.38 ha proposed. Actual 4.88 Ha														
3p	Production of ROM mineral during the last five year period as applicable.	<table border="1"> <thead> <tr> <th>Year</th> <th>Proposed Prodn. (t)</th> <th>Production(t)</th> </tr> </thead> <tbody> <tr> <td>2021-22</td> <td>29,413.82</td> <td>0</td> </tr> <tr> <td>2022-23</td> <td>1,92,604.52</td> <td>2,799.00</td> </tr> <tr> <td>2023-24</td> <td>9,00,000.00</td> <td>2,900.00</td> </tr> </tbody> </table>	Year	Proposed Prodn. (t)	Production(t)	2021-22	29,413.82	0	2022-23	1,92,604.52	2,799.00	2023-24	9,00,000.00	2,900.00		
Year	Proposed Prodn. (t)	Production(t)														
2021-22	29,413.82	0														
2022-23	1,92,604.52	2,799.00														
2023-24	9,00,000.00	2,900.00														
3q	General remarks of inspecting officer on method of mining etc.	production is carried out from two pits by opencast mining method as proposed.														

#### **4. Solid Waste Management-Dumping:**

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	1 temporary top soil dump	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Location of Top Soil E386527,N1857330 E386443,N 1857269 E386545,N1857199 & E386609,N1857289	No top soil or waste generated till date so no dumps formed	
4c	Number of dumps within lease area and outside lease area	1 temporary top soil dump	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active & alive dumps	Not Applicable	Not Applicable	
4f	Number of dead dumps	Not Applicable	Not Applicable	

4g	Number of dumps stabilized	Not envisaged	Not envisaged	
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 dump	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.		

### **5. Solid Waste Management-Backfilling:**

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not envisaged, as area is not matured for reclamation		
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc			

### **6. Progressive Mine Closure Plan:**

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.	Submitted the year wise PMCP as per prescribed format		
6b	Area available for rehabilitation (ha)	Not Applicable	Not Applicable	Not envisaged, as area is not matured for reclamation
6c	Afforestation done (ha)	Not Applicable	Not Applicable	

6d	No. of saplings planted during the year 2023-24	17,00 Nos & area 1.70 Ha.	17,00 Nos & area 0.857 Ha	
6e	Cumulative no. of plants	Not Applicable	3,972 Nos	
6f	Any other specific method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch & care during the year	Rs. 5,00,000/-	Rs. 10,46,128/-	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Not envisaged, as area is not matured for reclamation		
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.			
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.			
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.			
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means			
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation			
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation			
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation			
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Periodically monitoring the Air, Water and Noise, all parameters within the permissible limits		
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	PMCP measures were carried out as proposed.		

## **7. Mineral Conservation:**

S.N.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	cement grade limestone
7c	Different grade of mineral sorted out at mines	
7d	Any beneficiation process at mines	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	entire ROM (Limestone) of cement grade is used in the captive plant.

### 8. Environment:

S.N.	Item	Proposals	Actual work	Remarks	
8a	Separate removal and utilization of topsoil (Rule32)	120137.85 Cu.m.	Nil	Not generated top soil	
8b	Concurrent use or storage of topsoil				
8c	Separate dumps for over burden. Waste rock, rejects and fines (Rule 33)	Nil	Nil	No overburden & waste generated from mines	
8d	Use of over burden, waste rock, rejects and fines dumps for restoring the land its original use.				
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pit, dumps etc)	Not envisaged, as area is not matured for reclamation			
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation	Inside mining lease		
8g	Survival rate		No. of trees	Area in Ha.	Rate of Survival
		Carried out up to the end of 2022-23	2,272	2.443	93%
		During the year 2023-24	1,700	0.857	94%
	Cumulative	3,972	3.30	93%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling system is operating along the Haul road with water tankers having mist spray system.			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	aesthetic beauty in and around the mines area is maintained.			

### 9. Compliance of Rule 45 (2023-24)

Sl. No.	Item	Proposed	Actual
9a	Status of submission of Monthly and	Submitting the Monthly and	Submitted.



	Annual returns	Annual returns as per the provisions of rules		
Sl.No.	Item	Details GIVEN in A.R.	Actual	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	a) Manager - Appointed b) Mining Engineer - Appointed c) Geologist - Appointed	Found to be in order	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	a) Covered under current (O/C) Workings – 1.990 Ha.  b) Occupied by plant, buildings, residential, welfare buildings & roads –0.56 Ha.  c) Other Purpose (Greenbelt Development) – 3.30 Ha.	Found to be in order	
9d	Scrutiny of Annual return on afforestation	1700 Saplings @ 0.857 Ha.	Found to be in order	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Found to be in order	
9f	Scrutiny of Annual return on ROM stock and /or grade ore (in tons)	ROM closing stock is Nil	Found to be in order	
9g	Scrutiny of Annual return on sale value , Ex. Mine price & production cost	Production cost is Rs. 680.48/-	Production cost is Rs. 680.48/-	
9i	Scrutiny of annual return on fixed assets	Rs. 193733624/-	Rs. 193733624/-	
9k	Scrutiny of Annual return on mining machineries	Details furnished.	Found to be in order.	

(Name of inspecting officer with designation)