

**Indian Bureau of Mines**  
**Minerals Development and Regulation Division**  
**MCDR Inspection Report**  
**Hyderabad Regional Office.**

**Mine File:MCDR-Misc/7/2023-Hyd**

**Mine Code: 38TNG08002**

1) Name of Inspecting officer:	<b>Shri .M.K. Kalmata</b>
2) Designation	Regional mining Geologist
3) Accompanying mine official with designation	Sri M Appala Raju-Mines Manager,
4) Date of Inspection	<b>13.12.2024</b>
5) Date of Previous Inspection	29.02.2024

**Part-I: General**

S.No.	Particulars	Details
1	Name of the Mine	Choutapalli Limestone Mine-II
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	156.586Ha (Non-forest)
3	Mine code	38TNG08002
4	IBM Registration Number under rule 45 of	IBM/6908/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. My Home Industries Pvt.Ltd., My Home Hub, Block No.3, 9 <sup>th</sup> floor, Opp: NIFT, Hyderabad-500081. Ph: 040 66929696, Fax:- 66929797 E-mail: <a href="mailto:mines@myhomeindustries.in">mines@myhomeindustries.in</a>
6	Village	Choutapalli & Mellacheruvu
7	Taluka/Mandal	Mattampally & Mellacheruvu
8	District	Suryapet
9	Pin code	508246
10	State	Telangana
11	Post office	Mellacheruvu
12	Nearest police station	Mellacheruvu
13	Nearest Railway station	Miryalaguda
14	Date of Grant of Mining Lease	03.01.2017
15	Date of Execution	03.01.2017.

16	Period	02.01.2067, 50 years.
17	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Chadrashekhar Pandey, M/s. My Home Industries Pvt.Ltd., My Home Hub, Block No.3, 9 <sup>th</sup> floor, Opp: NIFT, Hyderabad-500081.  Ph: 040 66929696, Fax:- 66929797 E-mail: <a href="mailto:corp@myhomeindustries.in">corp@myhomeindustries.in</a>
18	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri K.Srinivasa Rao, My home Industries Pvt.Ltd., Mellacheruvu Village and Mandal, Suryapet Dist, Telangana-508246.  Mobil:8096508092 E-mail; <a href="mailto:ksrao@myhomeindustries.in">ksrao@myhomeindustries.in</a> D.O.A:- 01-02-2019
19	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines, qualification	Shri. M.Appala Raju, Mellacheruvu Village and Mandal, Suryapet Dist, Telangana-508246.  Mobil:8096508093 E-mail; <a href="mailto:appalarajum@myhomeindustries.in">appalarajum@myhomeindustries.in</a> D.O.A:- 01-08-2019
20	Name of the Mining Engineer & Geologist, Qualification and date of appointment in mine,	Mr. T.V. Brahmam, (B.E.Mining) D.O.A:-01.08.2024  Mr. A. Naga Rajesh, Msc, Geology, D.O.A:- 22.02.2018
21	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Modification in the approved Mining Plan(MMP): AP/KNL/MP/LST-74/HYD, dated: 07.03.2023. For the block period 2022-23 to 2025- 26 (Block period 2021-22 to 2025-26).
22	Name of the Mineral	Limestone
23	Method of Mining(Opencast, Underground)	Opencast
24	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
25	Captive/Non Captive	Captive

**PART-II****Exploration :**

<b>Sl. No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
1a	Backlog of previous year	None in the year 2023-24.	None in the year 2023-24.	Entire lease area is already explored under G-1 level.
1b	Exploration over lease area for geological axis 1 or 2	None in the year 2023-24.	None in the year 2023-24.	Entire lease area is already explored under G-1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None in the year 2023-24.	None in the year 2023-24.	Earlier, exploration is carried out by J P kor drilling and Sri Sai Mining services. Total expenditure made for so far Rs 7575444.
1d	Balance area to be explored to bring Geological axis in 1 or 2	None in the year 2023-24.	None in the year 2023-24.	Total lease area is 156.586Ha and entire lease area is mineralized and entire mineralized area is explored under G-1 level of exploration by drilling 77 exploratory boreholes to a total depth of 3553 mtrs.

1e	Balance reserves as on 01/04/2017	As per approved document dated 07-03-2023, details of reserves/resources are as follows:- (In million tonnes) (As on 31-12-2022) Proved M Reserves (111)- 135.011, Feasibility M Resources (211) - 33.079, Total:- 168.09	Reserves/resources as on 01.04.2024 is as follows. (In million tonnes) Proved M Reserves (111)- 134.009, Feasibility M Resources (211) - 33.079, Total:- 167.088	Reserves/resources were updated by depleting 1001224 tonnes of ROM production carried out from 01.01.2023 to 31.03.2024.
1f	General remarks of inspecting officers 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. These sedimentary carbonate rocks or Narji limestone formation are sub-	Total lease area is 156.586Ha and entire lease area is mineralized and entire mineralized area is explored under G-1 level of exploration by drilling 77 exploratory boreholes to a total depth of 3553 mtrs. And Expenditure made on exploration is Rs 757544.

			divided into several distinct lithological units. Soil Cover Variegated Limestone Light Grey Limestone Grey Limestone Light Green Limestone Green Limestone Purple Argillaceous limestone Purple Shale. The general strike of the formation is N 30o E & S 30oW and dip 5 to 10o towards SE.	
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**Development :**

<b>Sl.No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
2a	Location of development w.r.t. lease area	There was a proposal to work between the co-ordinates N1856250 to 1857085 & E 383515 to 384305 in the year 2023/24.	In the year 2023-24, actual working is carried out between the co-ordinates N1856565 to 1857080 & E 383775 to 384300	The working has been carried out within the proposed co-ordinates. Due to lack of demand for cement. The production is achieved only 39%. So, the working is not done up to the proposed limits in the southern part of the lease area.
2b	Separate benches in topsoil, overburden and minerals (Rule-15)	Yes proposed separate benches in topsoil, OB and Mineral.	Separate benches were made in Ore and topsoil.	The production achieved only 39% and working has been not carried out as per the proposal, so no OB is handled in the

				year 2023-24.
2c	Stripping ratio of ore to OB ratio	1:14	1:0	The production achieved only 39% and working has been not carried out as per the proposal, so no OB is handled in the year 2023-24.
2d	Quantity of topsoil generation in m3	82092	8003	The production achieved only 39% and working has been almost carried out in the area where topsoil was already removed and only small quantity of topsoil was removed in the southern part of the lease area for pit advancement.
2e	Quantity of overburden generation in m3	164184	None in the year 2023-24.	The production achieved only 39% and working has been not carried out as per the proposal, so no OB is handled in the year 2023-24.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc.		The working has been carried out within the proposed co-ordinates. Due to lack of demand for cement. The production is achieved only 39%. So, the working is not done up to the proposed limits in the southern part of the lease area. Due to less production, working is almost carried out in the area where topsoil was already removed, So topsoil is handling is very less compare to the proposal.	The production achieved only 39% and working has been not carried out as per the proposal, so no OB is handled in the year 2023-24.
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<b>Exploitation :</b>				
<b>Sl.No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
3a	Number of pit proposed for production	One pit in the year 2023-24.	One pit in the year 2023-24.	The dimension of the pit is as follows: 580m (L) x 308m(W) x 22m(H)
3b	Quantity of ROM mineral production proposed	2300000T in the year 2023-24.	890000T in the year 2023-24.	Production achieved is only 39%. In the year 2023-24.
3c	Recovery of saleable / usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	None in the year 2023-24.	None in the year 2023-24.	

3e	Grade of mineral rejects generation and threshold value declared.	Not applicable.	Not applicable.	
3f	Quantity of subgrade mineral generation.	None.	None.	
3g	Grade of subgrade mineral generation.	Not applicable.	Not applicable.	
3h	Manual / Mechanized method adopted for segregating from ROM	None.	None.	
3i	Any analysis or beneficiation study proposed and carried out for subgrade mineral and rejects	None.	None.	
3j	Provision of drilling and blasting in mineral benches	Yes, proposed deep hole drilling and blasting.	Lessee is doing drilling and blasting as per the proposal.	Using drilling machine of 115mm capacity for drilling blast holes and loose ammonium nitrate slurry explosive for blasting.



3k	Provision of mining machineries in mineral benches	Yes proposed.	Using Combination of excavators and tippers for production and development.	Additionally using rock drilling machine of 115mm for drilling blast holes.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed maximum 7.5mtr bench height in ore and 4.00 mtr in OB..	The Bench height maintained is Ore is 5.5 to 7.5mts.	No OB is handled in the year 2023-24, so no OB bench is formed. The Ore Bench proposed and maintained is suitable for the method of mining adopted.
3m	Total area covered under excavation / pits	29.48Ha up to 2023-24.	17.891Ha in the year 2023-24.	Due to lack of demand for cement. The production is achieved only 39%. So, the working is not done up to the proposed limits in the southern part of the lease area. So there is a negative deviation in the pit area.
3n	Ore to OB ratio for the pit/mine during the year.	1:14	1:0	The production achieved only 39% and working has been not carried out as per the proposal, so no OB

				is handled in the year 2023-24.
3o	Total area put in use under different heads at the end of year	Area under Mining: 29.48Ha, Topsoil: dump:-2.17Ha, OB dump:-1.72Ha, Mineral storage:- 0.4Ha, Roads:- 0.56Ha	Area under Mining:- 17.89Ha, Area under topsoil dump:-1.30Ha, Area under waste dump:- 0.32Ha. Area covered under Roads:- 2.86Ha. Area covered under Green belt is 3.59Ha.	The land use details are not furnished properly in the annual returns submitted for the year 2023-24. Show cause notice is issued for the same under Rule 45(7) of MCDR 2017.
3p	Production of ROM mineral during the last five year period as applicable	2023-24 - 2300000T 2022-23 - 900000T 2021-22 -900000T 2020-21 - 900000T 2019-20 - 775000T	2023-24 - 890000T 2022-23 - 719998T 2021-22 - 812000T 2020-21 - 739750T 2019-20 - 487360T	
3q	General remarks of inspecting officers on method of mining etc.		The method of mining adopted is fully mechanized. The bench height is maintained 5.5 to 7.5 mtr and width more than 15.00 mtrs. The bench parameters maintained is suitable for the nature of the deposit and method of mining adopted.	
<b>Solid Waste Management - Dumping :</b>				
<b>Sl.N</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>

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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32, 33)	Yes proposed separate dumps for OB and topsoil.	Separate dumps are maintained for topsoil and OB	
4b	Location of topsoil, OB and mineral reject dumps	<b>1) Topsoil dump:-</b> N1855440 to 1855620 & E 382730 to 382960. <b>2) OB dump:-</b> 1855200 to 1855420 & E 383090 to 383340. <b>3) Mineral reject dump:-</b> N1855800 to 1855970 & E 382930 to 383080.	<b>1) Topsoil:-</b> N1855460 to 1855630 & E 382780 to 382995. <b>2) OB:-</b> N 1855340 to 1855420 & E 383100 to 383170.	The dumping is almost made within the proposed area only. No OB was generated in the year 2023-24. The OB dump is made in the financial year 2024-25. No Mineral Reject is generated so far.
4c	Number of dumps within lease area and outside of lease area	Three in the present five year block period.	Two dumps are existing within the lease area.	Total of three dumps were proposed in the current five-year block period: one for topsoil, one for overburden (OB), and one for mineral rejects. However only topsoil and OB dumps are formed in the present block period. No Mineral reject is generated in the present five year

				block period.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Outside the UPL	Both the dumps are existing outside the UPL near Southern part lease boundary.
4e	Number of active and alive dumps.	Two in the present five year block period.	Two in the present five year block period.	
4f	Number of dead dumps.	None.	None.	
4g	Number of dumps established.	None.	None.	
4h	Whether retaining wall or garland drains all along dumps are there.	Proposed retaining wall along the toe of topsoil and OB dump.	None in the year 2023-24.	No OB dump for formed up to 2023-24 and topsoil dump was under progress, so no retaining wall is constructed so far. Advised lessee to construct retaining wall as per the proposal at least in the lease boundary side.
4i	Length of retaining wall or garland	583 mtrs in the year 2023-24.	None in the year 2023-24.	No OB dump for formed up to 2023-24 and topsoil

	drain all along dumps.			dump was under progress, so no retaining wall is constructed so far. Advised lessee to construct retaining wall as per the proposal at least in the lease boundary side.
4j	Number of settling ponds	None.	None.	
4k	Specific comments of inspecting officers on waste dump management .		Total of three dumps were proposed in the current five-year block period: one for topsoil, one for overburden (OB), and one for mineral rejects. However only topsoil and OB dumps are formed in the present block period. No Mineral reject is generated in the present five year block period.	No OB dump for formed up to 2023-24 and topsoil dump was under progress, so no retaining wall is constructed so far. Advised lessee to construct retaining wall as per the proposal at least in the lease boundary side.
<b>Solid Waste Management - Backfilling :</b>				
<b>Sl.N o.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
5a	Status of part or full extraction of mineral from mined	Not proposed.	Nil	No backfilling is proposed in the present plan

	out area before starting backfilling			period.
5b	Area under backfilling of mined out area	Not proposed.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed.	Nil	
5d	Total area fully reclaimed and rehabilitated	Not proposed.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Present working is not reached up to the proved depth and no proposals were made for reclamation and rehabilitation in the present plan period.	

**Progressive Mine Closure Plan :**

<b>Sl.No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 26(2)	Before 1st July of every year.	Submitted yearly report on PMCP within the prescribed time limit.	Lessee has attached PMCP report along with the Annual returns submitted for the year 2023-24 on

				22-06-2024.
6b	Area available for rehabilitation (ha)	None in the year 2023-24.	None in the year 2023-24.	No area is matured for Reclamation and Rehabilitation.
6c	Afforestation done (ha)	0.14Ha in the year 2023-24.	0.14Ha in the year 2023-24.	
6d	No. of saplings planted during the year	150 saplings in the year 2023-24.	160 saplings in the year 2023-24.	
6e	Cumulative no. of plants	750 saplings in the block period 2021-22 to 2025-26.	460 saplings were planted in the present block period up to 2023-24.	Total plantation made so far is 3487 saplings.
6f	Any other method of rehabilitation	None.	None.	
6g	Cost incurred on watch and care during the year	Rs 30000	Approximately Rs 1.2 lakhs	For plantation and watch and care.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (LxBxD)	Nil	Nil	
6i	Compliance on	Nil	Nil	

	reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings			
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific	Nil	Nil	



	means.			
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Nil	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease (ii) Method of rehabilitation	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes, Air, Water and Noise monitoring was proposed in Core and Buffer zone.	Environmental monitoring in the core and buffer zone is carried out as per the proposal and results are within permissible limits.	Environmental monitoring is carried out by Lawn Enviro Pvt. Ltd., Hyderabad.
6q	General remarks of inspecting officers on PMCP compliance and		There was a proposal to plant 150 saplings in the year 2023-24 and actual plantation made was 160 in the year 2023-24. Further,	

	<p>progressive closure operations etc.</p>		<p>there was a proposal to construct retaining wall along the toe of the waste and topsoil dumps. Since no waste dump was formed up to 2023-24 and top soil dumping was under progress no retaining was constructed in the year 2023-24. However, advised lessee to construct retaining wall as per the proposal at least in the lease boundary side. Further, lessee has Carried out environmental monitoring for Air, Water etc. and results are within the permissible limits.</p>	
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**Mineral Conservation:-**

<b>Sl.N o.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
7a	ROM mineral dispatch or gradewise sorting within lease area	Proposed dispatch of Cement grade ROM to Captive Cement Plant.	Lessee is dispatching Cement grade ROM to Captive plant as proposed.	Lessee is not doing any processing at mine site.
7b	Method of gradewise mineral sorting i.e.	None.	None.	Sending ROM to Crusher which is existing in the

	manual or mechanical			Choutapalli lease-I of same lessee. After crushing feeding to Captive Cement plant linked with the mine.
7c	Different grade of mineral sorted out at mines	Cement Grade.	Cement Grade.	
7d	Any beneficiation process at mines	None.	None.	
7e	General remarks of inspecting officers on mineral conservation and beneficiation issues.		Lessee is not doing any mineral processing at the mine site at present and Dispatching ROM Crusher which is existing in the Choutapalli lease-I of same lessee. After crushing feeding to Captive Cement plant linked with the mine.	

**Environment:-**

Sl.No	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes proposed.	Removed topsoil separately and stored separately in the designated stack yard	8003 cum topsoil was removed in the year 2023-24. And entire quantity was

			for future use.	stored separately for future use.
8b	Concurrent use or storage of topsoil	Proposed storage.	Removed topsoil separately and stored separately in the designated stack yard for future use.	
8c	Separate dumps for overburden , waste rock, rejects and fines (Rule 33)	Yes proposed.	No mineral reject is generated in the present plan period and OB/waste removed during the present block period is dumped separately.	
8d	Use of overburden , waste rock, rejects and fines dumps for restoring the land to its original use	None.	None.	
8e	Phased restoration, reclamation and rehabilitation of land affected by mining operations (pits, dumps etc.)	None.	None.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information was furnished in the mining plan. Additional plantation proposals are being given in the Mining Plan documents.	Additionally lessee has planted about 3487 saplings so far within the lease area.	
8g	Survival rate	None.	90 to 95%	
8h	Water sprinkling on roads to control airborne dust	yes proposed.	Regularly spraying water on the working benches, Haul road etc.	One water tanker of 8000 ltr capacity is in use for dust suppression.
8i	General remarks of inspecting officers on aesthetic beauty in and around mine areas.		About 17.89Ha is broken up and benches are made systematically. Plantation is made in the 7.5 mtr safety zone.	
<b>Compliance of Rule 45 :</b>				
<b>Sl.No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual Work</b>	<b>Remarks</b>
9a	Status of submission of monthly and annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the	Submitting Monthly and Annual returns within the time limit.	Submitted Annual returns for the year 2023-24 on 22-06-2024.

		preceding financial year.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual returns submitted for the year 2023-24, details are as follows, Mining Engineer:-Mr. T. Narayana , Geologist: Mr. A. Naga Rajesh, Mines Manager:-M. Appalaraju.	The information furnished in the Annual returns submitted for the year 2023-24 is found correct. However, On 01-08-2024, lessee has appointed Mr. T.V. Brahman as a Mining Engineer.	Submitted notice of appointment of Shri T.V. Brahman to this office.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Mining:- 17.891Ha, Infrastructure:- 1.080Ha, Green belt:- 3.59Ha.	Area under Mining:- 17.89Ha, Area under topsoil dump:-1.30Ha, Area under waste dump:- 0.32Ha. Area covered under Roads:- 2.86Ha. Area covered under Green belt is 3.59Ha.	The land use details are not furnished properly in the annual returns submitted for the year 2023-24. Show cause notice is issued for the same under Rule 45(7) of MCDR 2017.
9d	Scrutiny of Annual return on afforestation	Shown 160 saplings in the year 2023-24 with survival rate of 95%.	The information furnished in the Annual returns submitted for the year 2023-24 is found correct.	The survival rate is 90 to 95%.
9e	Scrutiny of Annual return on mineral reject	None in the year 2023-24.	None in the year 2023-24.	Entire ROM is dispatched to Captive plant under cement

	generation (Grade and quantity)			grade.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: Opening and closing stock:- Nil, Production:- 890000 tonnes. Grade wise: Cement Grade:- Opening and closing stock:-Nil, Production and dispatch:-890000 tonnes	The details furnished in the AR submitted for the year 2023-24 is found correct.	Entire ROM produced is dispatched to captive plant under cement grade.
9g	Scrutiny of Annual return on Sale value, Ex Mine price and production cost	Sale value, cost of production and Ex-mine price is shown as Rs 145.54/ton.	The information furnished in the Annual returns submitted for the year 2023-24 is found correct.	Since the mine is captive cost of production and Ex-mine price is same. And as per the instruction given by HQ, Sale value is given by multiplying quantity dispatched and cost of production.
9h	Scrutiny of Annual return on fixed assets	Value of fixed assets was mentioned as ₹ 603093930 in the year 2023-24.	The information furnished in the Annual returns submitted for the year 2023-24 is found correct.	
9k	Scrutiny of Annual return on mining machineries	Back hoe-2.5cum-01, 25 tonner truck-05, Rock breakert-01, Drilling machine-01	The details furnished in the AR submitted for the year 2023-24 is found correct.	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule No.	Issued on	Compliance position	Rule No.	Issued on	Compliance position
	NA		45 (7)	22-01-2025	

Date:-20-01-2025

(KALMATA.M.K)

Indian Bureau of Mines