

MCDR INSPECTION REPORT

Sl. No.	Particulars	Details
1	Name of the Mine	My Home Limestone Mine-II
2	Total Lease Area (Ha).	252.407 Ha
3	Minecode	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	My Home Industries Pvt. Ltd. 9th FLOOR, BLOCK-3, MY HOME HUB MADHAPUR HYDERABAD
6	Village	Mellacheruvu & Yepalamadhavaram
7	Taluk/Mandal	Mellacheruvu
8	District	Suryapet
9	Pincode	508 246
10	State	Telangana
11	Date of Grant of Mining Lease	25.02.2021
12	Date of Execution	08.03.2021
13	Date of opening of Mine	10.02.2023
14	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri Chandra Shekhar Pandey, Flat No 604 Block D, My Home Bhooja Knowledge City Raidurgam VTC Madhapur PO Madhapur Sub District Serilingampally Disrict KV Rangareddy State Telangana.
15	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri K Srinivasa Rao
16	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri N Naresh
17	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri A Papaiah
18	Whether Geologist and Mining Engineer appointed in mines as per rule.	Yes
19	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	MP approved on 14.07.2017 vide letter No.AP/NLG/MP/Lst-75/Hyd
20	Mineral(s) granted in lease and proved for mining	Limestone
21	Method of Mining(Open cast, Underground)	Open cast
22	Category (Fully Mechanised, Others or Manual)	'A' Category
23	Captive/ Non captive	Captive

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	2022-23 – Nil. 2023-24 – 07 Nos. core boreholes.	2023-24 – 07 Nos. core boreholes drilling completed.	Chemical analysis of the drilled boreholes is in progress.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	JP Kor drilling, Hyderabad. Lessee has reported that Rs.16,07,180/- spent for drilling.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	It is proposed to explore that entire mining lease area to G-1 level of exploration within 2024-25.	Lessee is carrying out exploration as per proposal. G-1 – 100.84 Ha G-2 – 129.84 Ha G-3 – 15.457 Ha G-4 – 6.296 Ha	
1e	Balance reserves as on 01/04/2023	-----	Proved mineral reserves (111) as 30.06.2023 estimation is 80502339 Tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Entire mining lease area not covered under G-1 level of exploration.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Proposed to develop 1 st bench.	Development work carried out in the 1 st bench	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches to be maintained in Topsoil and mineral	Mining Pit was in the initial stage of development.	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m ³	2022-23 – 23925 cu.m	2022-23 – 6305.19 cu.m	Violation pointed out for excavating less topsoil than the proposal.

2e	Quantity of overburden generation in m ³	No proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining pit was in the initial stage of development.		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One pit	One pit	
3b	Quantity of ROM mineral production proposed	2022-23 – 192604.52 MT	2022-23 – 2799 Tonnes	
3c	Recovery of salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not applicable	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	No proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting proposed in the mineral benches. Hole depth of 9.5 meters and 115mm dia holes. Burden – 3 meters, Spacing – 5 meters	Drilling and blasting done to develop the mining pit.	
3k	Provision of mining machineries in mineral benches	Machineries proposed in the mineral benches for loading and	Machineries deployed in the pit to load and transport limestone.	

		transportation of limestone.		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed to maintain 9m bench height	Mining pit is in the initial stage of development.	
3m	Total area covered under excavation/pits	Till 2024-25: Openpit – 9.58 Ha	Open pit – 1.99 Ha	Openpit area not matching with the shape files submitted in the drone survey data and field condition. Violation pointed out as per rule.
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	i) OC Working - 9.58 Ha ii) Storage for topsoil – 1.6 Ha iii) Infrastructure – 1.111 Ha iv) Roads – 1.64 Ha v) Green belt – 06.195 Ha	Open pit – 1.99 Ha	Shape files submitted in the drone survey data and field condition. Violation pointed out as per rule.
3p	Production of ROM mineral during last five-year period, as applicable	Opencast: 2021-22 – 29413.82 MT 2022-23 – 192604.52MT	Opencast: 2021-22 – Nil 2022-23 – 2799 Tonnes	Mining operations was started on 10.02.2023.
3q	General remarks of inspecting officer on method of mining etc.	Mining pit is in the initial stage of development and lessee has submitted proposal for production enhancement and change in area of mining in the MMP.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No topsoil dump proposed.	Nil	
4b	Location of topsoil, OB & mineral reject dumps	No proposal	Nil	
4c	Number of dumps within lease area and outside lease area	No proposal	Nil	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active & alive dumps	No proposal	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps stabilized	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 dump	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management.	No dump developed in the mining lease area. Topsoil generated is utilised for plantation.		

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	No proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No area of the mine is excavated upto the ultimate pit limit to start backfilling.		

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.	To be submitted yearly report before 1 st July	Submitted.	
6b	Area available for rehabilitation (ha)	No proposal	Nil	
6c	Afforestation done (ha)	2022-23 – 0.9472 Ha	Not carried out plantation as per proposal	Violation pointed out as per rule for not carrying out plantation as per proposal
6d	No. of saplings planted during the year	2022-23 – 800 Nos.	474 Nos. of saplings planted	Violation pointed out as per rule for not carrying out plantation as per proposal
6f	Any other specific method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch & care during the year	No proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	No proposal	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the 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	No proposal	Nil	

	v) Any other specific means			
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 rehabilitated (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 & buffer zone)	Quarterly Environmental monitoring in the core and buffer zone	Quarterly environmental monitoring carried out during 2022-23.	
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire mineral to be consumed by the captive cement plant.	Entire mineral consumed by the captive cement plant.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
7c	Different grade of mineral sorted out at mines	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Entire ROM excavated is utilised for cement plant. No beneficiation process done.		

Environment

S.N.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Topsoil to be removed separately and utilised for plantation.	Topsoil remove separately and utilised for plantation.	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
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 & additional plantation done (Rule 41)	2022-23 – 800	2022-23 – 474 Nos.	
8g	Survival rate	No proposal	91%	
8h	Water sprinkling on roads to control airborne dust	Proposed to sprinkle water on the haul roads	Water sprinkling done in the haul roads	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation carried out along the lease boundary towards Yepalamadhavaram mining lease and in the haul roads.		

Compliance of Rule 45

S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return Submitted before 10 th of every month and Annual return to be submitted before 1 st July	Lessee is submitting monthly and annual returns.	Lessee couldn't submit the monthly returns in the initial stage of mining opening due to delay in generating the new mine code in MTS portal, hence they have submitted hard copies. Advised lessee to submit the backlog returns in the MTS portal with intimation to the competent authority.
9b	Scrutiny of Annual return for information on	Mining engineer: Sri. Papaiah	Mining engineer: Sri. Papaiah	

	Mining Engineer, Geologist and Manager	Geologist: Sri. R.Yadiah Manager: Sri. N. Naresh	Geologist: Sri. R.Yadiah Manager: Sri. N. Naresh	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	i) OC Working – 1.99 Ha ii) Infrastructure & Road -2.885 Ha iii) Green belt – 2.445 Ha	Shape files submitted in the drone survey data and field condition. Violation pointed out as per rule.	
9d	Scrutiny of Annual return on afforestation	474 Nos.	474 Nos.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	OS & CS – Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of Production – Rs.307.8/-		
9h	Scrutiny of Annual return on fixed assets	Value of fixed assets is submitted as Rs.152001736/-	Fixed asset value couldn't be ascertained.	
9k	Scrutiny of Annual return on mining machineries	Excavators – 2 Nos. Dump Trucks – 10 Nos. Drill machine – 1 Nos. Water Tanker – 1 No.	Back hoe – 1 No. Truck (25 Tonnes) – 2 Nos.	

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

Rule 11 (1) & 34 A(1) of MCDR 2017 issued on 20.07.2023.

Madhu Sudhan Yadav. M
Assistant Controller of Mines