

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-28/HYD

Mine code : 38APR14040

- (i) Name of the Inspecting : S11) SHAILENDRA KUMAR
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : SRI K SRINIVAS RAO,AGENT(MINES)
Official with
Designation
- (iv) Date of Inspection : 07/11/2019
- (v) Prev.inspection date : 09/02/2019

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : YEPALAMADHAVARAM
- (b) **Registration NO.** : IBM/6908/2011
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TELANGANA
- District : NALGONDA
- Village : YEPALAMADHAVARAM
- Taluka : MELLACHERUVU
- Post office : MELLACHERUVU
- Pin Code : 508246
- FAX No. : 08683-226354
- E-mail : mines@myhomegroup.in
- Phone : 08683-226025
- (f) **Police Station** : MELLACHERUVU
- (g) **First opening date** : 02/12/2004
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : MY HOME INDUSTRIES LTD,SRINAGAR
MELLACHERVU VILLAGE & MANDAL
KODAD TALUQ NALGONDA DISTRICT-508246
3. (a) **Lease Number** : APR2898
- (b) **Lease area** : 121.46
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 21/02/2022
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
 MY HOME INDUSTRIES PRIVATE
 LIMITED MY HOME HUB
 MADHAPUR HYDERABAD NALGONDA
 ANDHRA PRADESH
 Phone: 40-6629797
 FAX :

Agent : K SRINIVAS RAO
 MY HOME INDUSTRIES PRIVATE
 LIMITED SRINAGAR
 MELLACHERUVU NALGONDA
 ANDHRA PRADESH
 Phone: 08683-226354
 FAX :

Mining Engineer

Name : N SURYANARAYANA RAJU,Full Time
 Qualification : BE MINING
 Appointment/ : 01/10/2018
 Termination date

Geologist

Name : G NARESH KUMAR,Full Time
 Qualification : MSC GEOLOGY
 Appointment/ : 17/08/2018
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	30/11/2001
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	08/09/2011
		MP modif under MCR 1960	23/10/2015
		Mining Scheme rule 12 MCDR1988	08/08/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no exploration backlog from previous year.Further, no exploration was carried out during 2018-19	No exploration was carried out during 2018-19.	About 20.26 ha is still under G2 level of exploration.It was proposed to upgrade to G1 level during 2020-21 by carrying out 07 Core Bore holes.
1b	Exploration over lease area for geological axis 1 or 2	There is no proposal to convert the G2 level to G1 level in the year 2018-19.	No exploration was carried out during 2018-19.At present 60.69 ha is under G1 level of exploration	About 20.26 ha is still under G2 scale of exploration.It was proposed to upgrade to G1 scale during 2020-21 by carrying out 07 Core Bore holes.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	There is no proposal for exploration during 2018-19.	Nil	About 20.26 ha is still under G2 scale of exploration.It was proposed to upgrade to G1 scale during 2020-21 by carrying out 07 Core Bore holes.Presently 69 ha is under G1 level out of total 89 ha.
1e	Balance reserve as on 01/04/20	-----	The balance reserves as on 1..4.2019 are 28.18 Million tonnes(111) and 7.96 Million tonnes(122).	No comments
1f	General remarks of inspecting officers on geology, exploration etc	--	As no exploration was proposed during 2018-19,no exploration was carried out during 2018-19.	No comments

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	It was proposed to develop 1st bench towards East direction and advance of 3rd bench towards North. There is no proposal in the 2nd bench. It is proposed to work between E 612 to 734 & N96 to 205 gridlines.	it was observed during the inspection that the lessee company is working as per the approved mining plan for excavating the mineral.	The development is being done as per proposals. No deviation was observed during the inspection.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no proposal for separate bench for topsoil as no topsoil is there in the mining lease.	There is no generation of topsoil in the lease.	No comments
2c	Stripping ratio or ore to OB ratio	Nil	Nil	As there is no overburden in the lease.
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	--	The overall development of mine is being done as per the approved proposals only.	From the MCDR inspection it was observed that the development of the mine is being carried out in accordance with the approved proposals made in the approved document. The boundary pillars are erected as per the norms around the lease.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	One Pit was proposed to carry out excavation	Duirng the inspection,one pit was observed.	No comments
3b	Quantity of ROM mineral production proposed	It was proposed to produce 0.66Million tonnes duirng 2018-19.	The actual production reported was 0.65 Million tonnes	No comments
3c	Recovery of sailable/usable mineral from ROM production	--	The entire ROM is being utilised in the captive plant of lessee company.	No comments
3d	Quantity of mineral reject generation	Nil	Nil	No comments.There is no generation of subgrade mineral.
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	It is proposed to carry out mechanised method of mining by adopting deephole drilling and blasting technique and deploying 35 tonnes dumper with 2 Cu.M shovel.	Mechanised method of mining is being adopted in the lease as per the proposal envisaged.	The mining operations are being carried out in two shifts.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil

3j	Provision of drilling and blasting in mineral benches	Provision has been made for drilling and blasting in the Mineral benches by using one 115 dia wagon drill and blasting by using ANFO.	It was noticed, rock fragmentation is being done by deephole drilling and blasting method. Blast holes are charged with ANFO explosives.	No comments
3k	Provision of mining machineries in mineral benches	Provision is made for operating One 2.0 Cu.M excavator & One Hydraulic shovel, one 115 dia wagon drill and 10 35 tonne dumpers in the mineral benches for producing ROM of 0.66 Million tonnes per year.	The number of HEMM used in the Mineral benches is adequate for producing 0.66 Million tonnes of ROM per year as envisaged in the approved document.	No comments
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain an height of 8 meters in the benches.	The proposed bench height is being maintained at 8 meters which is compatible with the digging height of the deployed excavator.	The bench dimensions are technically suitable for the proposed method of mining.
3m	Total area covered under excavation/pits	1.60 ha during the year 2018-19	1.60 ha during the year 2018-19.	The total area under excavation is 24.04 ha.
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	There is no OB in the mine.
3o	Total area put in use under different heads at the end of year	---	The area put to use under different heads is as follows: Current workings: 24.04 ha Green belt: 7.20 ha Buildings: 0.430ha	No comments

3p	Production of ROM mineral during the last five year period as applicable	2014-15-0.66 million tonnes 2015-16 - 0.66 million tonnes 2016-17 - 0.66 million tonnes 2017-18 - 0.66 million tonnes 2018-19 - 0.66 million tonnes	2014-15- 0.66 million tonnes 2015-16 - 0.57 million tonnes 2016-17 - 0.58 million tonnes 2017-18 - 0.65 million tonnes 2018-19 - 0.65 million tonnes		No comments
3q	General remarks of inspecting officers on method of mining etc.	--	The mining operations are as per the approved proposals only.		No comments

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No overburdern is there as such there is no proposal for maintaining a waste dump.Also there is no topsoil in the lease	There are no waste dumps in the Mining lease.	No comments.
4b	Location of topsoil, OB and mineral reject dumps	No OB is there.	Nil	No comments
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	No comments
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	Not Applicable
4e	Number of active and alive dumps.	Not Applicable	Not Applicable	Not Applicable
4f	Number of dead dumps.	Not Applicable	Not Applicable	Not Applicable
4g	Number of dumps established.	Not Applicable	Not Applicable	Not Applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Not Applicable	Not Applicable

4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	Not Applicable
4j	Number of settling ponds	Not Applicable	Not Applicable	Not Applicable
4k	Specific comments of inspecting officer on waste dump management	---	There is no generation of waste/OB and topsoil.	No comments.

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.	There is no proposal for backfilling.	Nil	No comments
5b	Area under backfilling of mined out area	Nil	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	No comments
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There is no proposal for backfilling.	Nil	No comments.

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).	--	Yes the annual repot for protective measures has been submitted by the lessee company	No comments

6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	It was proposed to plant 725 saplings during 2018-19	958 saplings have been planted during 2018-19.	No comments
6d	No. of saplings planted during the year	725 saplings proposed during 2018-19.	958 saplings planted during 2018-19	No comments
6e	Cumulative no .of plants	---	7105 No.s	No comments
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	--	Rs. 2,50,000/- incurred towards watch and care for the year 2018-19.	No comments
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	No area has matured for reclamation and rehabilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	No comments
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Nil	No comments
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	No comments

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring of environmental parameters in both buffer and core zone	The quarterly monitoring of environmental parameters carried out by lessee in both core and buffer zone.The parameters are within the permissible limits.	No comments.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	--	The proposals for environmental monitoring and other related issues are being carried out regulary.	All the environmental parameters are within the permissible limits.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There is no proposal for sorting as entire mineral produced is consumed in captive plant of lessee company.	There is no proposal for sorting as entire mineral produced is consumed in captive plant of lessee company.	As there is no subgrade material in the lease,no sorting is required.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Nil	There is no proposal for manual or mechanised sorting.
7c	Different grade of mineral sorted out at mines.	Nil	Nil	Nil
7d	Any beneficiation process at mines .	Nil	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	---	The entire mineral produced is being utilised in the captive plant of lessee company.	Mineral Beneficiation is not required as the grade of the deposit is feedable to captive cement plant of the lessee company. The entire ROM is being fed into the cement plant.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Very little amount of topsoil is being generated which is being used for plantation.	No comments
8b	Concurrent use or storage of topsoil	Nil	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	No comments
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	No comments

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	No comments
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There are shrubs or other vegetaion in the lease except for the afforestaed area done by lessee	Excpet for the afforestation carried out by the lessee there is no other type of vegetation.	No comments
8g	Survival rate	80%	80%	No comments
8h	Water sprinkling on roads to control airborne dust	It was proposed to control dust suppression by way of water sprinkling.	It was noticed that watersprinklers are being used for controlling dust suppression.	No comments
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	In general the mining lease is being maintained aesthetically and lessee company has carried out plantation.	No comments.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	--	The Monthly and Annual return are being submitted regulalry both online and offline by lessee company.	No comments

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2018-19, the mining engineer is Sri Appalaraju. However in in November 2018, Sri N Suryanarayana Raju has been appointed as Mining Engineer. The geologist as per Ar was Sri N Srinivasulu. However, Sri GNaresh Kumar was appointed as Geologist in october 2018.	The Mining Engineer and Geologist appointments have been verified and found to be correct.	No comments
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per Annual return 2018-19, area under current workings was 24.04 ha., buildings- 0.490 ha and green belt is 7.230 ha.	The same was noticed during the inspection	No comments
9d	Scrutiny of Annual return on afforestation	As per annual return 2018-19, the number of saplings planted are 988 during 2017-18.	The same was noticed during the inspection.	No comments
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject was reported in the annual return 2018-19.	No mineral reject was generated during 2018-19.	No comments.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per the Annual return the ROM produced during 2018-19 was 0.65 Million tonnes.	The same was noticed during the inspection.	No comments

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	As per Annual return 2017-18 the ex-mine price was reported as Rs.226.26/	The same was verified duirng the inspection.	No comments
9h	Scrutiny of Annual return on fixed assets	In Annual return 2018-19 the fixed assets amount was reported as 52 crores of rupees.	In Annual return 2018-19 the fixed assets amount was reported as 52 crores of rupees.	No comments
9k	Scrutiny of Annual return on mining machineries	As per Annual return 2017-18 following mining machinery was reported: 1.Hydraulic Shovel(2 Cu.M)-1 no. 2. Hydraulic shovel(0.90 Cum)-1 no. 3. Truck-10 no.s 4. Air compressor - 1 no. 5. Rock drill-(115 mm)-1 6 Water tanker - 1 7. Trcuk-3	The same was noticed duirng the inspection.	No comments

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 :

(**SHAIENDRA KUMAR**)

Indian Bureau of Mines