

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-19 A/HYD

Mine code : 38APR14044

- (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 : 22/01/2021
- (v) Prev.inspection date : 17/02/2020

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : MY HOME(141.644 HA)
- (b) **Registration NO.** : IBM/6908/2011
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TELANGANA
- District : NALGONDA
- Village : MELLACHERUVU
- Taluka : MELLACHERUVU
- Post office : MELLACHERUVU
- Pin Code : 508246
- FAX No. : 08683-226354
- E-mail : mines@myhomegroup.in
- Phone : 08683-226025,226316
- (f) **Police Station** : MELLACHERVU
- (g) **First opening date** : 19/03/1993
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : MELLACHERVU(VILLAGE & MANDAL)
NAGONDA DISTRICT-508246
3. (a) **Lease Number** : APR2342
- (b) **Lease area** : 141.64
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 22/06/2033
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 :

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

Mining Engineer

Name : N Surya narayana Raju,Full Time
 Qualification : B Tech Mining Engineering
 Appointment/ :
 Termination date

Geologist

Name : P.V.R.S.RAJU,Full Time
 Qualification : M.Sc(GEOLOGY)
 Appointment/ : 18/08/2007
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	28/03/1994
Plan/Scheme of Mining		Modif.of approved Mining Plan	02/04/2001
		Mining Scheme rule 12 MCDR1988	06/02/2004
		Fresh under rule 22 MCR1960	05/07/2007
		Mining Scheme rule 12 MCDR1988	15/10/2012
		Renewal under rule 24 MCR1960	19/09/2014
		MP modif under 17(3) MCR 2016	08/04/2019

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	It was proposed to carry out 10 DTH during the year 2019-20.	During the year 2019-20, 10 DTH holes have been drilled.	None
1b	Exploration over lease area for geological axis 1 or 2	----	The whole area of 141.64 ha is explored up to G1 level.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	A total of Rs,57,314/- was incurred towards drilling of 10 DTH boreholes.	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	---	Nil	None
1e	Balance reserve as on 01/04/20	---	The Resources & Reserves as on 1.4.2020 are as follows: Reserves - 111 & 122 - 18.189 Million tonnes Remaining resource - 221,222,331,332 - 37.17 Million tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	---	---	The entire lease area is covered under G1 scale of exploration.

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 work by developing two pits in the Mining lease area. Pit-1 between gridlines E384500 to E 385570 & N1857800 to N1858800 Pit-2 between gridlines E 385600 to E 386000 & N 1858300 to N1858800	The pits are developed as proposed.	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	As there is no generation of topsoil,overburden, no proposal was made for seperate benches.	None	None
2c	Stripping ratio or ore to OB ratio	as there is no OB stripping ratio not applicable.	Not Applicable	None
2d	Quantity of topsoil generation in m3	None	None	None
2e	Quantity of overburden generation in m3	None	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	None	None	The mine is being developed as proposed.The boundary pillars have been verified and found in order.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Production is proposed from Two pits	Mining is being carried out as proposed.	None

3b	Quantity of ROM mineral production proposed	1.95 Million tonnes duirng 2019-20	1.28 Million tonnes reported duirng 2019-20	None
3c	Recovery of sailable/usable mineral from ROM production	Entire ROM is proposed to be ytilised in the captive cement plant of Lessee.	Entire ROM is being utilised in the captive cement plant of Lessee.	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	No seggregation of ROM is proposed as the entire ROM is feedable to captive cement plant.	Entire ROM being consumed in captive cement plant	None
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None

3j	Provision of drilling and blasting in mineral benches	It is proposed to carry out drilling and blasting in mineral benches with burden of 3 meters and spacing of 6 meters. The type of explosive proposed to be used is ANFO. The powder factor is estimated around 7.48 tonnes/kg of explosive.	Blasting and drilling being carried out as proposed. The powder factor for the year 2019-20 is around 7.45 tonnes/kg.	None
3k	Provision of mining machineries in mineral benches	It is proposed to use Mining machinery such as Dumper of 25 tonnes capacity, two Back Hoe of 1.800 Cum capacity, One Wagon drill with 115 dia for drilling and transporting the Limestone excavated.	The Mining machinery is being used as proposed.	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	it is proposed to maintain a bench height of 8 meters.	The bench height is being maintained at 8 meters as proposed.	None
3m	Total area covered under excavation/pits	87.56 ha	87.25 ha	None
3n	Ore to OB ratio for the pit/mine during the year.	Not applicable	Not Applicable	None
3o	Total area put in use under different heads at the end of year	Mine workings - 87.56 ha Roads - 2.241 Infrastructure ha - 1.63 ha	Mine workings - 87.25 ha Roads - 2.241 Infrastructure - 1.630	None

3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 1.95 Million tonnes 2016-17 - 1.95 Million tonnes 2017-18 - 1.95 Million tonnes 2018-19 - 1.95 Million tonnes 2019-20 - 1.95 Milion tonnes	2015-16 - 1.26 Million tonnes 2016-17 - 1.25 Million tonnes 2017-18 - 1.61 Million tonnes 2018-19 - 1.94 Million tonnes 2019-20 - 1.28 Million tonnes		The production proposed and acheived is within the approved limits only.
3q	General remarks of inspecting officers on method of mining etc.	None	None		The Mine development and production is as being carred out as proposed.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	As there is no generation of topsoil,Overburden and mineral reject,no proposal was made for dumping.	No dumping of topsoil,Overburden was noted.	None
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	None	None	None

4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	None

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.	As the Mineral is still persisting, no proposal was made for reclamation of the part of entire area.	No reclamation was done duiring the year 2019-20	None
5b	Area under backfilling of mined out area	Not applicable	Not applicable	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No backfilling or reclamation was proposed as mineral is still existing at the depth.	No backfilling or reclamation was carried out duiring the year 2019-20	None

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	---	The Annual report for environmental protective measures has been submitted in time.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	480 saplings were proposed to be planted during 2019-20 over an extent of 0.5 ha	About 2112 saplings have been planted during 2019-20 over an extent of 3.5 ha.	None
6d	No. of saplings planted during the year	480	2112	None
6e	Cumulative no .of plants	---	18092	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	---	It was reported by lessee that an amount of Rs.3,66,500/- was incurred towards	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	None	None	None

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	None	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring of all environmental parameters regularly.	Regular quarterly monitoring of the environmental parameters being carried out in both the buffer & core zones.All the environmental parameters are within permissible limits. The total expenditure reported to have been incurred is Rs.4,73,300/-	Since, no area of Mining Lease has reached its UPL, no backfilling/reclamation is proposed.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	it was proposed to produce 1.95 Million tonnes of Limestone during the year 2019-20	The actual production of Limestone reported was 1.28 Million tonnes	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	The entire Limestone produced is utilised in the captive cement plant of the lessee therefore not proposed.	Grade-wise sorting is not required as the average grade of the ROM is feedable to captive cement plant of lessee.
7c	Different grade of mineral sorted out at mines.	Not applicable	Not applicable	None
7d	Any beneficiation process at mines	Not applicable	Not applicable	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	---	The entire Limestone produced is being utilised for production of cement from the captive cement plant of the lessee .	Grade-wise sorting is not required as the average grade of the ROM is feedable to captive cement plant of lessee.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no generation of TOP soil in the Mining lease.	No topsoil generation was noticed.	There is no occurrence of topsoil within the lease area.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	None

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	The Mining lease area is essentially rocky and does not have any topsoil. There is a seasonal nala passing through the northern side of the lease.	During the inspection, except plantation done by lessee, no other vegetation was noticed.	None
8g	Survival rate	90%	90%	None
8h	Water sprinkling on roads to control airborne dust	Water sprinkling for dust suppression was proposed.	During the inspection dust suppression by way of water sprinkling was observed.	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	--	Mining is being done in compliance to environmental parameters.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	---	The Monthly and Annual returns are being submitted regularly to this office.	None

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2019-20, Sri N Suryanarayana Raju is appointed as Mining Engineer and Sri PVRs Raju is appointed as Geologist.	The same was observed during the inspection.	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The land use pattern as reported in the Annual return 2019-20 is as follows Area under pits: 87.250 ha Area under Greenbelt: 17.450 ha Area under Infrastructure : 8.314 ha	The same was observed during the inspection.	None
9d	Scrutiny of Annual return on afforestation	the No. of saplings planted during the year are 2112 No.s with a survival percentage of 90%.	The same was observed during the year.	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Since, the average grade of entire ROM is feedable to captive cement plant of lessee, generation of mineral reject is not estimated and therefore not proposed.	Not Applicable	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	It was reported during the year 2019-20 that 1.28 Million tonnes was produced.	The same was noticed from returns during the inspection	None

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported for the year 2019-20 was Rs.207.58.	The same was verified and found in order during the inspection.	None
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported in the Annual return 2019-20 was Rs. 1.5 Crores.	The same was not verified.	None
9k	Scrutiny of Annual return on mining machineries	The details of Mining machinery reported during the year 2019-20 was as follows: 1. One Back Hoe of 2.500 Cu.M 2. Two Back Hoe of 1.800 Cu.m 3. One Air compressor of 480 Cum/Min 4. Eleven trucks of 25 tonnes capacity 5. One Wagon drill of 115 MM 6. One water tanker of 10,000 litres capacity 7. one explosive van of 4.860 tonnes 8. One tractor of 95.00 HP 9. One jeep of 75 HP 10. Three pumps(electric) of 2550.00 L/MN 11. One Pump(Electric) of 3417.00 L/Mn	The above machinery observed during the inspection.	None

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