

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-4/HYD

Mine code : 38APR14014

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN RAVULA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri M Srininiva Reddy, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 16-DEC-24
- (v) Prev.inspection date : 23-AUG-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAPURAM**
- (b) **Registration NO.** : **IBM/522/2011**
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : **TELANGANA**
- District : **NALGONDA**
- Village : **RAMAPURAM**
- Taluka : **KODAD**
- Post office : **RAMAPURAM**
- Pin Code : **508246**
- FAX No. : **08683-234608**
- E-mail : **srinivasareddy@priyacement**
- Phone : **08683-234607,234608**
- (f) **Police Station** : **MELLACHERVU**
- (g) **First opening date** : **11-JAN-86**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **PRIYA NAGAR, RAMAPURAM**
correspondance **MELLACHERVU MANDAL**
NALGONDA DISTRICT
3. (a) **Lease Number** : **APR1318**
- (b) **Lease area** : **51.5**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **11-FEB-19**
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : RAIN INDUSTRIES LTD
 34, GREEN TOWERS SRINAGAR
 COLONY HYDERABAD HYDERABAD
 TELANGANA
 Phone: 04023747775
 FAX : 040237477758

Owner : N. SUJITH KUMAR REDDY
 RAIN INDUSTRIES LTD, PLOT
 34 SRINAGAR COLONY HYDERABAD
 HYDERABAD TELANGANA
 Phone: 3740737, 3740747
 FAX : 3740770

Agent : C. BALANAGAI AH
 RAIN IND LTD, RAMAPURAM
 NALGONDA DIST. NALGONDA
 TELANGANA
 Phone:
 FAX :

Mining Engineer

Name : V. PARAMESWARA RAO, Full Time
 Qualification : B. TECH MINING
 Appointment/ : 13-NOV-08
 Termination date

Geologist

Name : A. JAGANNADHA REDDY, Full Time
 Qualification : M. SC (GEOLOGY)
 Appointment/ : 05-SEP-08
 Termination date

Manager

Name : M. SRINIVASA REDDY
 Qualification : AMIE (MINING)
 Appointment/ : 21-DEC-09
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Renewal under rule 22 MCR1960 28-FEB-02
 MP modif under 17(3) MCR 2016 23-APR-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	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	No proposal.	Nil	Entire mineralised area has been explored under G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	
1e	Balance reserve as on 01/04/20	As per the approved document dated 02.11.2023, the Limestone reserves are 196.133mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2024 are limestone: 195.51 milt.t.	
1f	General remarks of inspecting officers on geology, exploration etc		The Limestone deposits in ML area are belongs to the Narji Limestone formation. Limestone outcrops are in the colour shades of Grey, Off-white and Green exhibit fine-grained texture, hard and compact in nature and have thin shale partings. The Limestone shows typical bedded nature with varying thickness. The various rock types in the area are well exposed in elevated places.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	two pits were proposed for development during the year 2023-24.	two pits are being developed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil is proposed to be removed by scrapping and No OB generation is envisaged. benches in mineral are proposed.	top soil is scrapped seperately. benches in mineral are maintained.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil
2d	Quantity of topsoil generation in m3	2372 cu.m.	2350 cu.m.
2e	Quantity of overburden generation in m3	No proposal.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		development is carried out by opencast mining method as proposed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	two	two	
3b	Quantity of ROM mineral production proposed	1.51 mil.t. during the year 2023-24.	1.21 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	1.51 mil.t.	1.21 mil.t.	
3d	Quantity of mineral reject generation	No proposal.	Nil	

3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	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	Mechanical.	Mechanical.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil
3j	Provision of drilling and blasting in mineral benches	drilling and blasting is proposed.	drilling & blasting is carried out.
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	7.5 m	maintained.
3m	Total area covered under excavation/pits	95.07 ha	95.07 ha
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	146.21 ha	114.47 ha

3p	Production of ROM mineral during the last five year period as applicable	2019-20: 1.53 mil.t. 2020-21: 3.93 mil.t. 2021-22: 3.93 mil.t. 2022-23: 1.53 mil.t. 2023-24: 1.51 mil.t.	2019-20: 0.80 mil.t. 2020-21: 0.746 mil.t. 2021-22: 1.07 mil.t. 2022-23: 1.26 mil.t. 2023-24: 1.21 mil.t.
3q	General remarks of inspecting officers on method of mining etc.	production is carried out from two pits by opencast mining method 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)	proposed for top soil, no OB generation is envisaged.	carried out.	
4b	Location of topsoil, OB and mineral reject dumps	proposed to be utilised for top soil	utilised.	
4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil.	
4e	Number of active and alive dumps.	No proposal.	Nil	
4f	Number of dead dumps.	No proposal.	Nil	
4g	Number of dumps established.	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 dumps	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.

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.	No proposal.	Nil	
5b	Area under backfilling of mined out area	No proposal.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Not envisaged, as area is not matured for reclamation	

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).	PMCP report to submitted.	submitted before 1 st July.	
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	0.97 ha during	0.97 ha the year 2023-24.	

6d	No. of saplings planted during the year	2000	3275
6e	Cumulative no .of plants		162297
6f	Any other method of rehabilitation	No proposal.	Nil
6g	Cost incurred on watch and care during the year		Not assessed.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on 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 (v)any other specific means.	No proposal.	Nil
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 rehabilitation (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 and buffer zone)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out.	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical.	mechanical.	
7c	Different grade of mineral sorted out at mines.	cement grade limestone	cement grade limestone	
7d	Any beneficiation process at mines	No proposal.	Nil	

7e General remarks of inspecting officer on Mineral conservation and beneficiation issues entire ROM (limestone) of cement grade is used at captive plant.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed.	carried out.	
8b	Concurrent use or storage of topsoil	proposed.	carried out.	
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	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000	3275	
8g	Survival rate		80%	
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul raods for dust supression is proposed.	carried out.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017	submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Graduate Mining Engineer 3, Diploma Mining Engineer 6, Geologist 1	found to be in order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O-C) Workings 95.070 ha, (ii) Occupied by plant, buildings, residential, welfare buildings and roads 19.400 ha. etc.,	found to be in order.	
9d	Scrutiny of Annual return on afforestation	3275	found to be in order.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	found to be in order.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	production cost is Rs. 199.18/-	production cost is Rs. 199.18/-	
9h	Scrutiny of Annual return on fixed assets	Rs. 77955967/-	Rs. 77955967/-	
9k	Scrutiny of Annual return on mining machineries	BACK HOE 2.500 CUM 2, TIPPER 23.000 CUM 5, DOZER 320.000 HP 1 etc.,	found to be in order.	

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 :

(RAMKISHAN RAVULA)

Indian Bureau of Mines