

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/L.ST-195/HYD

**Mine code :** 38APR11177

- (i) Name of the Inspecting : **M017** ) **MANISH K MAINDIRATTA**  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sh NagaThulasi Reddy and others  
Official with  
Designation
- (iv) Date of Inspection : 28/11/2019
- (v) Prev.inspection date : 16/07/2018

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **RACHERLA(17.82 HA)**
- (b) **Registration NO.** : **522**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **RACHERLA**
- Taluka :
- Post office :
- Pin Code :
- FAX No. : **08522249920**
- E-mail : **WWW.priyacement.com**
- Phone : **08552249919**
- (f) **Police Station** : **RACHERLA**
- (g) **First opening date** : **19/04/2012**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **SREEPURAM**  
**correspondance** **BOINCHERVUPALLY, PEAPULLY MANDAL**  
**KURNOOL**
3. (a) **Lease Number** : **APR3304**
- (b) **Lease area** : **17.82**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **18/04/2032**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : RAIN CEMENTS LTD  
 SREEPURAM, BOINCHERVUPALLY,  
 PEAPULLY MANDAL KURNOOL  
 ANDHRA PRADESH  
 Phone:085222249919  
 FAX :08552249920

Owner : N.SUJITHKUMAR REDDY  
 RAIN INDUSTRIES, 34 GREEN  
 TOWERS SRINAGAR COLONY  
 HYDERABAD NALGONDA  
 TELANGANA  
 Phone: 04023747775  
 FAX : 040237477758

Agent : M Achi Reddy  
 Boincheruvu, Peapully  
 mandal KURNOOL ANDHRA  
 PRADESH  
 Phone:  
 FAX :

## Manager

Name : C Sreenivasa Reddy  
 Qualification : B Tech Mining  
 Appointment/ :  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	30/07/2009
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	27/01/2017

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	nil	nil	
1b	Exploration over lease area for geological axis 1 or 2	entire lease area has been explored	No further exploration proposed as of now.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	No further exploration is proposed.	
1e	Balance reserve as on 01/04/20	Reserves (111)= 16.56 mT Remaining resource (211)-4.06mT	Depletion 7/1/2017 to 31/3/2017=NIL 2017-18=0.08mT 2018-19=0.042mT balance as opn 31/3/2019=16.438mT	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development proposed S-150-350 W1150-1350 upto 491mRL	Work done in the same area within the location as proposed.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Only mineral bench was proposed as the the area was devoid of Top Soil and OB	No top soil, Overburden or mineral reject generation observed in this part of lease.	
2c	Stripping ratio or ore to OB ratio	NO proposal	No Overbuden generated	

2d	Quantity of topsoil generation in m3	No proposal	No generation reported.
2e	Quantity of overburden generation in m3	No proposal	No overburden generation reported

---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	only one pit	one pit.	The lessee is having the adjacent lease as Racherla-1 lease and the mine is extending between two leases.
3b	Quantity of ROM mineral production proposed	Reserves (111)= 16.56 mT Remaining resource (211)-4.06mT	Depletion 7/1/2017 to 31/3/2017=NIL 2017-18=0.08mT 2018-19=0.042mT balance as opn 31/3/2019=16.438mT	
3c	Recovery of sailable/usable mineral from ROM production	100% recovery of saleable mineral proposed	100% recovery obtained.	
3d	Quantity of mineral reject generation	No proposal	Nil generated	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Nil Generation	
3g	Grade of sub grade mineral generation	No proposal	Not applicable	

---

3h	Manual / Mechanised method adopted for segregating from ROM	Rom segregation not proposed	Not done.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Not done .
3j	Provision of drilling and blasting in mineral benches	drilling and blasting proposed	ANFO as column charge and slurry as base charge with nonel initiation system being used
3k	Provision of mining machineries in mineral benches	excavator - tipper being used .	Excavator- tipper being used as proposed. Since the mine is extended to the adjacent lease and common machinery is used.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	-----	Boom height of machinery is suitable for bench height of 8m.
3m	Total area covered under excavation/pits	3.15 hectare till 2021-22.	area covered under pit till 2018-19= 1.83 mT
3n	Ore to OB ratio for the pit/mine during the year.	No Overburden generation proposed	no overburden generated.
3o	Total area put in use under different heads at the end of year	till 31/3/22 under pit=3.15 ha road 0.31 ha.	under pit=1.83 ha. roads about 0.57 ha.
3p	Production of ROM mineral during the last five year period as applicable	----	2014-15= nil 2015-16= nil 2016-17= 100000T 2017-18=80030T 2018-19= 42520T

---

Solid Waste Management - Dumping:

---

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No top soil, OB or mineral reject generation proposed	No top soil, OB or mineral reject generated	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Not generated.	
4c	Number of dumps within lease area and outside of lease area	No proposal	No dump is there within this mining lease.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	not applicable	
4e	Number of active and alive dumps.	NIL	NIL	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	No dump is tehre in the lease.	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not applicable as there is no dump within this lease	
4j	Number of settling ponds	No proposal	nil	

#### 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	Area is not mature for backfilling at present	

5b	Area under backfilling of mined out area	No proposal	No area is under backfilling at present
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal as area is devoid of topsoil	Not applicable. No topsoil generated.
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil

#### Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	----	Submitted as per rule.	
6b	Area available for rehabilitation (ha) .	No proposal	Area is not mature for the purpose.	
6c	afforestation done (ha).	No proposal for rehabilitation of worked out benches	Not applicable for worked out benches.	
6d	No. of saplings planted during the year	No proposal for rehabilitation of worked out benches	no sapling planted for rehabilitation of worked out benches.	
6e	Cumulative no .of plants	No proposal for rehabilitation of worked out benches	NIL for worked out benches as area is not mature for the purpose.	
6f	Any other method of rehabilitation	No proposal	---	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal for rehabilitation by backfilling	Not done as area is not mature for the purpose.
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 on backfilled area	No proposal	not done as area is not mature for backfilling at present.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal at present	not done
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Not done. Area is not mature for the prupose.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	100 saplings over 0.0505 ha. was proposed in 7.5m buffer zone.	No done.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.0505 hectare of 7.5m buffer zone was proposed for plantation	Nil



6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	---	----
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	the data is being collected for mine regularly.

---

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	274469 T	42520T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Not applicable	
7c	Different grade of mineral sorted out at mines.	No proposal	` entire mineral being consumed as cement grade limestone.	
7d	Any beneficiation process at mines	No benefeciation proposed	not required at present.	

---

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No topsoil generated in this mining lease.	
8b	Concurrent use or storage of topsoil	no proposal	no top soil generated, hence concurrent use is not applicable for 2018-19.	

---

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	No dump is there for this lease	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	not done.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	not done.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	In 2018-19, 100 saplings proposed for plantation over 0.0505 hectare area	plantation has been done outside the lease area.	
8g	Survival rate	--	----	violation being issued for plantation
8h	Water sprinkling on roads to control airborne dust	proposed	Being done regularly.	

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Mining Engineer - N. JYOTHI SWAROOP REDDY Geologist - R.PRASANNAKUMA R	as per submission	

---

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	under pit=1.83 ha. roads about 0.57 ha.	broadly as per submission
9d	Scrutiny of Annual return on afforestation	200 saplings outside lease area.	Plantation not done wihtin lease area as per proposal.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	same as submission in 2018-19
9f	Scrutiny of Annual return on ROM stock and/or graded ore	2018-19 ROM Stock 42550 T c/b- NIL	Same as above.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	COP- Rs 182.43 Rs PMT	The rates are as per trend in the industry.
9h	Scrutiny of Annual return on fixed assets	submitted	
9k	Scrutiny of Annual return on mining machineries	submitted	as per submissiuon excavator-tipper are being used.

---

**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
MCDR17	Rule 11(1)	10/12/2019			

**Date :**

**(MANISH K MAINDIRATTA)**

Indian Bureau of Mines