

**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 : **S41**) **Y M SIVA PRASAD**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : NAGATULASI REDDY MINES MANAGER
Official with
Designation
- (iv) Date of Inspection : 04/09/2017
- (v) Prev.inspection date : 14/11/2016

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 correspondance** : SREEPURAM
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,
 PEAPALLY MANDAL KURNOOL
 ANDHRA PRADESH
 Phone:08522249919
 FAX :08552249920

Owner : RAIN CEMENTS LIMITED
 UNIT-II:RCL,SREEPURM
 BOINACRUVUPALL
 PEAPULLY(M)KURNOOL DIST
 KURNOOL ANDHRA PRADESH
 Phone: 08522249919
 FAX : 08522249920

Agent : P. ACHTYUTARAMAYYA
 M/S. HEMADRI CEMENTS
 VEDADRI VILLAGE,
 JAGGAYYAPETA (M) KRISHNA
 DIST. KRISHNA ANDHRA
 PRADESH
 Phone:
 FAX :

Manager

Name : K.NAGATHULASIREDDY
 Qualification : B.E(MINING)
 Appointment/ : 05/01/2016
 Termination date

6. Date of approval of Mining : MP review under 17(1) MCR 2016 27/01/2017
 Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	N I L	N I L	
1b	Exploration over lease area for geological axis 1 or 2		3 Nos Core Bore holes drilled .Total 136 mts.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	N IL	J P Core drilling.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N IL	N I L	
1e	Balance reserve as on 01/04/20	22636421 M T	2163421 M T.	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	The proposal is given in N - NE.	N - NE	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	N I L	
2c	Stripping ratio or ore to OB ratio	No proposals	N I L	
2d	Quantity of topsoil generation in m3	No proposals	There is no generation of top soil.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit.	One.	

3b	Quantity of ROM mineral production proposed	2016-17 : 292260 tonnes.	2016-17 : 1,00,000 tonnes.
			2017- 18 : 70,000 tonnes upto August 2017.
		2017- 18 : 299638 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Entire ROM from mine transported to the crushing plant.
3d	Quantity of mineral reject generation	No proposal	There is no generation of mineral rejects.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method.	Mechanised method.
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling .KLR Drill machine of 150 mm dia. Blasting with combination of ANFO & Slurry Explosives, Delay milli seconds detonators.	Deep hole drilling .KLR Drill machine of 150 mm dia. Blasting with combination of ANFO & Slurry Explosives, Delay milli seconds detonators.
3k	Provision of mining machineries in mineral benches	Hydraulic Excavator. ZAXIS 450 LC. Bucket Ccapacity 2.5 Cum.	Hydraulic Excavator. ZAXIS 450 LC. Bucket Ccapacity 2.5 Cum.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	9 mts.	Yes.. It is suitable for method of mining proposed in Review of Mining Plan.
3m	Total area covered under excavation/pits	1.26 ha.	1.02 ha.

30 Total area put in use under different heads at the end of year Mining : 1.26 ha. Mining : 1.02 ha

Plant, Buildings,
Residential Welfare
buildings & roads : 0.31
ha.

3p Production of ROM mineral during the last five year period as applicable
Green belt : 0.076 ha.
2013-14 : 290827 tonnes
2015-16 : 329410 tonnes.
2016-17 : 292260 tonnes.
2017-18: 299638tonnes
2014-15 : N I L
2014-15 : 290827 tonnes.

2015-16 : N I L
2016-17: 100000 tonnes.
2017-18 : 70,000 tonnes
upto August 2017

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	There is no generation of top soil and mineral rejects.	

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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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).	Annual report has to submit as per statute.	Lessee has submitted Yearly report for the year 2016-17.	
6b	Area available for rehabilitation (ha) .	No proposals	N I L	
6c	afforestation done (ha).	0.0530 ha.	0.0530 ha	
6d	No. of saplings planted during the year	2016-17 : 100	2016-17 : N I L	
			2017-18 : 100	
		2017-18 : 100		
6e	Cumulative no .of plants	N I L	100 Saplings	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area			
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable	
7d	Any beneficiation process at mines .	Not Applicable	Not Applicable	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	N I L	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	N I L	N I L	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	17,000 liters capacity is used for spraying water for dust suppression at loading and haulage roads.	One mobile water sprinkler with spraying arrangement will be used for dust suppression on haul roads.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns and Annual Return has to submit as per statue.	Lessee has submitted Monthly Returns Annual Return for the year 2016-17 to this office.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri R.Prasanna Kumar : Geologist	Shri R.Prasanna Kumar : Geologist
			Shri K. Naga Tulasi Reddy. : Mining Engineer.
		Shri K. Naga Tulasi Reddy. : Mining Engineer.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining : 1.02 ha.	Mining : 1.02 ha.
			Plant, Buildings, Residencial, Welfare buildings & Roads : 0.31 ha.
		Plant, Buildings, Residencial, Welfare buildings & Roads : 0.31 ha.	
9d	Scrutiny of Annual return on afforestation	N IL	100 Saplings .
9h	Scrutiny of Annual return on fixed assets	Rs 1357.	Rs 1357.

9k Scrutiny of Shovel Shovel (Hydraulic) :
Annual return on (Hydraulic) : Bucket capacity ; 2.5
mining Bucket Cum.
machineries capacity ; 2.5
 Cum.

 Drilling Machine
 : 150 mm dia.

 Drilling
 Machine : 150
 mm dia. Dumper : 35 tonnes.

 Dumper : 35
 tonnes.

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

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :
(Y M SIVA PRASAD)

Indian Bureau of Mines