

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/KNL/LST-210/HYD

**Mine code :** 38APR11155

- (i) Name of the Inspecting : 25 ) SHRI IBRAHIM SARIF  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Nagaraju Reddy  
Official with  
Designation
- (iv) Date of Inspection : 23-AUG-21
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : KOLIMIGUNDLA(255. HA)
- (b) **Registration NO.** : IBM/638/2011
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 08654222532
- E-mail : mcljpm@ramcocements.co.in
- Phone : 08654224400
- (f) **Police Station** : KOLIMIGUNDLA
- (g) **First opening date** : 14-APR-18
- (h) **Weekly day of rest** : SUN
2. **Address for** : KOLIMIGUNDLA VILLAGE & PO  
**correspondance** KURNOOL DISTRICT  
AP
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : THE RAMCO CEMENTS LTD  
 KUMARASWAMY RAJANAGAR  
 JAGGAYAPET MANDAL KRISHNA  
 ANDHRA PRADESH  
 Phone:08654-224400  
 FAX :08654-222532

Owner : P.R.VENKATRAMA RAJA  
 AURAS CORPORATE CENTRE, Vth  
 FLOOR, Dr.RADHAKRISHNA  
 ROAD,MYLAPORE, CHENNAI  
 CHENNAI CITY TAMIL NADU  
 Phone: 044-28478666  
 FAX : 044-28478676

## Geologist

Name : V SIVARAMAKRISHNAN, Full Time  
 Qualification : MSC GEOLOGY  
 Appointment/ :  
 Termination date

6. Date of approval of Mining	:	MP modif under 17(3) MCR 2016	11-JUN-18
Plan/Scheme of Mining	:	MP modif under 17(3) MCR 2016	19-DEC-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	--
1b	Exploration over lease area for geological axis 1 or 2	No such proposal has been made.	64 bore holes were drilled in the year 2018-19 having total meterage of 1114.	Exploration completed in the year 2018-19 itself.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-do-	Natural Resources Development Co-operative Society Limited (NRDCS), Hyderabad & Rs. 27,85,000/- during the year 2018-19	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	-	Out of 255.00 Ha, 134.52 Ha to be drilled to bring Geological axis in 1.	Commitment to drill 17 no. of Bore holes in the recent approved MMP during the plan period 2019-20- to 2024-25
1e	Balance reserve as on 01/04/20	As per approved MMP for the plan period 2020-25, 39.120 MT of reserves (111, 121 & 122) besides 7.21 MT of siliceous and flaggy limestone reserves was estimated	No Mining activity, hence same	-do-
1f	General remarks of inspecting officers on geology, exploration etc		-	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t.lease area	Pit 0 1: 5-5' N 1666957 to N 1667161 & E 189785 to E 189994 Pit-2: 4-4' N 1667998 to N 1668190 & E 191165 to E 191356	Mining operations not yet commenced due to want of EC, CFE & consent to operate.	Mining operations not yet commenced during the year.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed for sepeate benches in topsoil	Mining operations not yet commenced during the year.	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	Mining operations not yet commenced during the year.
2d	Quantity of topsoil generation in m3	25,000 Cum,	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mining operations not yet commenced during the year.	

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	The production is proposed from two pits	Nil	Mining operations not yet commenced during the year. Due to want of EC, EFE & consent to operate and cement plant is under construction.
3b	Quantity of ROM mineral production proposed	6,00,000 tonnes	Nil	-do-

3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	-do-
3d	Quantity of mineral reject generation	No proposal	Nil	--
3e	Grade of mineral rejects generation and threshold value declared.	Entire ROM is proposed to utilised in Cement manufacturing	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	Not Applicable -		
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	No Mining activity observed	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	No such study is done	
3j	Provision of drilling and blasting in mineral benches	Yes, provision of deep hole drilling and blasting in mineral benches has been proposed to be carried out	Nil	Mining operations not yet commenced during the year.

3k	Provision of mining machineries in mineral benches	HEMM like 2.0 cum capacity excavator, 115 mm dia Drilling machine, 20 Tonnes capacity dumpers to be deployed in mineral benches	Nil		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Digging height of 2.0 cum shovel is suitable for 8m bench height in mineral (Limesatone)	No benches developed so far		-do-
3m	Total area covered under excavation/pits	3.25 Ha (14.51 Ha up to Plan period)	Nil		
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil		-do-
3o	Total area put in use under different heads at the end of year			Mining operations not yet commenced during the year.	-do-
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 1,00,063 2019-20: 6,00,563 2020-21: 6,00,000	2018-19: Nil 2019-20: Nil 2020-21: Nil		Opencast fully mechanised method of mining is proposed and mining operations not yet commenced during the year.
3q	General remarks of inspecting officers on method of mining etc.			No Mining Activity carried out so far and also during the year	

---

#### Solid Waste Management - Dumping:

---

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

---

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Seperate provision for tempory dumping of topsoil and limestone stock is made.	Nil	Mining operations yet to be commenced as Cement plant is under construction.
4b	Location of topsoil, OB and mineral reject dumps	Top Soil (Temporary): N 1667360 to N 1667432 E 191102 to E 191194 Limestone Temporary) N 1667454 to N 1667551 E 191062 to E 191166 Mining operations not yet commenced during the year.	Nil	
4c	Number of dumps within lease area and outside of lease area	One top soil dump and one limestone stock proposed with in ML area.	Nil	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL and dumps are temporary in nature and Top soil will be utilised for plantation.	Nil	
4e	Number of active and alive dumps.	One Dump and One Stack	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.	Garland drains are proposed all along dumps	No mining activity hence not applicable	

4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil
4j	Number of settling ponds	One	Nil
4k	Specific comments of inspecting officer on waste dump management		Mining operations not yet commenced during the year. 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.	No such proposals has been made	Not Applicable	
5b	Area under backfilling of mined out area	No proposal	Nil	No area is matured for backfilling
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No such proposals has been made	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No area ia 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).	To be submitted annually	Not submitted as no mining activity carried out
6b	Area available for rehabilitation (ha) .	No proposal	Nil
6c	afforestation done (ha).		
6d	No. of saplings planted during the year	2000	2000
6e	Cumulative no .of plants	2000 No	2000 No
6f	Any other method of rehabilitation	No proposal	Nil
6g	Cost incurred on watch and care during the year	Nil	Rs. 3,11,000/-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No such proposal has been made.	Not Applicable

---

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	6,00,000 tons	Nil Mining operations not yet commenced hence no production and dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No such proposals	Not Applica.be	

---

7c	Different grade of mineral sorted out at mines.	No such proposal	Not Applicable
7d	Any beneficiation process at mines	No proposal, only Crushing of mineral	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Mining operations not yet commenced as captive cement plant is under construction

---

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	25,000 Cum	Nil	
8b	Concurrent use or storage of topsoil	Yes, used for plantation	Nil, as no top soil excavated as mining operations are yet to be commenced	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, provision for seperate dumping of top soil and Limestone stock has not been proposed temporarily.	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal has been made.	Not Applicable.	

---

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000 number saplings are proposed in 2020-21	2000 number saplings are planted in 2020-21
8g	Survival rate	-	90%
8h	Water sprinkling on roads to control airborne dust	proposal has been made to suppress the dust generated during mining.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation is being carried out to improve aesthetic beauty.

---

Compliance of Rule 45:

---

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

---

9a	Status of submission of Monthly and Annual returns	Monthly Returns are submitted before 10th of every month in respect of preceding month. Annual returns are submitted before 1st July each year for the preceding financial year to be submitted regularly	Submitted regularly
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : Shri VS Sambasivam Geologist : Shri Vallepu Prasad	Above are employed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil
9d	Scrutiny of Annual return on afforestation	2000	2000 sapplings planted
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil

9h	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

---

**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 :**

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines