

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/GNR/LST-24/HYD

**Mine code :** 38APR07026

- (i) Name of the Inspecting : **RA15** ) **Rajesh Kumar Das**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri A J.Reddy,Joint GM(Mines)  
Official with  
Designation
- (iv) Date of Inspection : 15/03/2016
- (v) Prev.inspection date : 15/03/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KRISHNAPURAM (GO.469)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : ANDHRA PRADESH  
District : GUNTUR  
Village : PONDUGALA  
Taluka : PIDUGURALLA  
Post office : PONDUGALA  
Pin Code : 522414  
FAX No. : 08689-28447  
E-mail : iclvpm@rediffmail.com  
Phone : 08689-28447
- (f) Police Station : DACHEPALLY
- (g) First opening date : 09/03/1988
- (h) Weekly day of rest : SUN
2. Address for : THE INDIA CEMENTS LTD, VISHNUPURAM-WADAPALLY(PO)  
correspondance : MIRYALAGUDA TQ  
NALGONDA DIST.
3. (a) Lease Number : APR0205  
(b) Lease area : 652.92  
(c) Period of lease : 20  
(d) Date of Expiry : 03/04/2007
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : THE INDIA CEMENTS LTD  
 DHUN BUILDING 827, ANNA  
 SALAI CHENNAI CHENNAI CITY  
 TAMIL NADU  
 Phone:282521526  
 FAX :28520638

Owner : R.K.DAS  
 DHUN BLDG 827,ANNASALAI  
 CHENNAI CITY TAMIL NADU  
 Phone: 04428521526  
 FAX : 04428520638

Agent : D.MURGANANDAM  
 VISHNUPURAM WADAPALLY  
 NALGONDA TELANGANA  
 Phone: 22844447  
 FAX : 08689

## Mining Engineer

Name : CH.SRINIVAS,Full Time  
 Qualification : BE (MINING)  
 Appointment/ : 01/01/2007  
 Termination date

## Manager

Name : A.JANAKI RAMI REDDY  
 Qualification : DIPOLMA IN MINING ENGINEERING  
 Appointment/ : 21/12/2009  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	09/05/2002
Plan/Scheme of Mining	:	Modif.approved Mining Scheme	20/09/2004
	:	Modif.approved Mining Scheme	04/10/2005
	:	Renewal under rule 22 MCR1960	02/04/2007
	:	Mining Scheme rule 12 MCDR1988	30/11/2012

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2700 mtr.	786 mtr done in 2014-15	balal914 mtr already complited in 2015-16
1b	Exploration over lease area for geological axis 1 or 2		91 ha.	North block already explored
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Natural Resources development society ltd., approx 15 lakhs reported.	
1d	Balance area to be explored to bring Geological axis in 1 or 2		503 ha.	total 169 bore holes proposed in 2015-16 & 2016-17 in South block in which 3200 in 2015-16 proposed and at the time of mine inspection 2700 mtr complited reported.
1e	Balance reserve as on 01/04/20	34.806 million tons	36.599 million tons.	
1f	General remarks of inspecting officers on geology, exploration etc		The lease area is divided in N block & south block and corridor ,in which north block exploration complited and south block going on.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North of ML	As per proposal.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	no benches proposed in top soil ,OB	As per proposal	
2c	Stripping ratio or ore to OB ratio	OB generation Negligible.	NA	
2d	Quantity of topsoil generation in m3	Nil	top soil generation negligible.	

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		Working is done systematic as per proposal.

---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	one pit	
3b	Quantity of ROM mineral production proposed	1.4 million tons	737719 MT	
3c	Recovery of sailable/usable mineral from ROM production		100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	

3j	Provision of drilling and blasting in mineral benches	Proposed deep hole drilling with 115 mm dia. drill and blasting with ANFO & slurry.	As per proposal.
3k	Provision of mining machineries in mineral benches	Proposed with shovel dumper combination.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		Suitable for machinery deployed.
3m	Total area covered under excavation/pits		32 ha.
3n	Ore to OB ratio for the pit/mine during the year.	Nil	1:0.001
3o	Total area put in use under different heads at the end of year		O/c working-32 ha. & 1.22 ha. infrastructure & roads.
3p	Production of ROM mineral during the last five year period as applicable	1.4 million yearwise from 2010-11 to 2014-15	0.806,0.844,0.886,0.829, 0.735 million tons respectively from 2010-11 to 2014-15.

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA
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.	NA	NA
4i	Length of Retaining wall or garland drain all along dumps	NA	NA
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		Waste generation is negligible.

---

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.	Nil	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	

5e General remarks of inspecting officers on backfilling and reclamation etc. No area matured for backfilling.

---

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).		SUBMITTED.	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	1.2 ha	2 ha.	
6d	No. of saplings planted during the year	1000 nos.	3000 nos	
6e	Cumulative no .of plants		16984 nos.	
6f	Any other method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Seasonal monitoring as per cir. No.3/92	Complied.	

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	

7c	Different grade of mineral sorted out at mines.	NA	NA
7d	Any beneficiation process at mines	NA	NA
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		THE ROM DIRECTLY FEED TO CRUSHER AND NO WASTE GENERATION.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	780 m3.	
8b	Concurrent use or storage of topsoil	Plantation development.	Plantation development.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	



8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	16984 nos(21.04 ha),3000 nos(3.6 ha.)	16984 nos(21.04 ha),3000 nos(3.6 ha.)
8g	Survival rate	90%	90%
8h	Water sprinkling on roads to control airborne dust	Through water tanker & permanent water sprinkler.	Complied

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Regularly submitted,AR upto 2014-15 submitted.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information furnished.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/c working-32 ha.,infrastruc ture-1.22 ha.		
9d	Scrutiny of Annual return on afforestation	3000 nos of 90% survival.		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	50247 MT		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	165.67 Rs,Sale value-nil		

9h	Scrutiny of Annual return on fixed assets	Not furnished
9k	Scrutiny of Annual return on mining machineries	Excavator 2.1 & 0.9 m3, tippers(14 nos), water tanker -6 kl, drill-115 mm, Compressure -445 cfm.

---

**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 :**

**(Rajesh Kumar Das)**

Indian Bureau of Mines