

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KSN/LST-20/HYD

Mine code : 38APR10014

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri BSP Raju, Agent, Shri Jani Reddy, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 23/09/2016
- (v) Prev.inspection date : 08/07/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAYANTHIPURAM (ML NO.317)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KRISHNA
Village : JAYANTHIPURAM
Taluka : JAGGAYYAPET
Post office : KUMARASWAMYRAJA NAGAR
Pin Code : 521457
FAX No. : 08654-222532
E-mail : mcljpm@madrascements.co.in
Phone : 08654-224400
- (f) Police Station :
- (g) First opening date : 19/08/1991
- (h) Weekly day of rest : SUN
2. Address for : JAYANTIPURAM-V(SOUTH BLOCK)
correspondance : JAYANTIP[URAM, CHILLAKALLU (MO
KRISHNA DIST.
3. (a) Lease Number : APR0330
- (b) Lease area : 7.28
- (c) Period of lease : 20
- (d) Date of Expiry : 27/11/2014
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

Agent : B.S.P.RAJU
 KUMARASWAMY .RAJA.NAGAR,
 JAYATNTHIPURAM KRISHNA
 DISTRICT KRISHNA ANDHRA
 PRADESH
 Phone: 08654-224400
 FAX : 08654-222532

Mining Engineer

Name : T.MALLIKARJUNA REDDY,Full Time
 Qualification : B.E.(MIN)
 Appointment/ :
 Termination date

Geologist

Name : P.SURYANARAYANA MURTHY,Full Time
 Qualification : M.Sc
 Appointment/ : 11/06/1992
 Termination date

Manager

Name : P.JANI REDDY
 Qualification : AMIE & FCC
 Appointment/ :
 Termination date

6. Date of approval of Mining :
 Plan/Scheme of Mining

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	Nil	Nil	exploration has already carried out during the year 1995-96 for the entire mining lease area with grid interval of 150m x 150m.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	17407152.5 MT	17753000 MT	Less production due to lack of demand

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North side I & II Benches	North side I & II Benches	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Mineral : II, III & IV Benches OB: I bench	Mineral : II, III & IV Benches --	
2c	Stripping ratio or ore to OB ratio	0.20	0.18	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	42619 cum	14294 cum	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	

3b	Quantity of ROM mineral production proposed	217139Cu.m i.e.542847.5 T	78800Cu.m i.e. 197000 T
3c	Recovery of sailable/usable mineral from ROM production	Nil	Nil
3d	Quantity of mineral reject generation	32114 cum	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Above 20% SiO2	Nil
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Conventional deep hole drilling and blasting	Conventional deep hole drilling and blasting
3k	Provision of mining machineries in mineral benches	Hydraulic excavators & tippers are to be deployed	Hydraulic excavators & tippers are to be deployed
3m	Total area covered under excavation/pits	31.61 Ha	31.61 Ha
3n	Ore to OB ratio for the pit/mine during the year.	0.20	0.18
3o	Total area put in use under different heads at the end of year	63.89 Ha	63.77 Ha

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	

4c	Number of dumps within lease area and outside of lease area	2 nos. within lease area	2 nos. within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North Side of Mining Lease	North Side of Mining Lease	
4e	Number of active and alive dumps.	1	1	
4f	Number of dead dumps.	1	1	
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Garland drain is maintained all along dead dump.
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	So far 2420 metres of garland drain is maintained
4j	Number of settling ponds	2	2	

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5b	Area under backfilling of mined out area	Nil	Nil	

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 as per statue	Yes, submitted in time	
6b	Area available for rehabilitation (ha) .	Not applicable	Not applicable	
6c	afforestation done (ha).	0.2 Ha	0.2 ha	
6d	No. of saplings planted during the year	400	400	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	217139cu.m	78800cu.m	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	
7d	Any beneficiation process at mines	No	No	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	OB-1 Mineral reject Waste:1	OB-1 Mineral reject Waste: 0	
8g	Survival rate	Nil	90%	
8h	Water sprinkling on roads to control airborne dust	One mobile water sprinkler with spraying arrangement will be used for dust suppression on haul 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	In timely submitted as per Statue	Timely Submitted	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist having 10 years of experiance	Employed Mining Engineer: P.Jani Redddy, Geologist: Vikas Kumar, Mines Manager: P.Jani Redddy
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current workings: 31.74Ha. Reclamation:0 Used waste disposal: 21.10Ha. Occupied by Plants and buildings &Roads:2.30Ha.	Covered under current workings: 31.74Ha. Reclamation:0 Used waste disposal: 21.10Ha. Occupied by Plants and buildings &Roads:2.30Ha.
9d	Scrutiny of Annual return on afforestation	2595 sapplings	2595 Sapplings
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value is Nil,Ex Mine Price and Cost of PProduction : Rs.164.90	Sale Value is Nil,Ex Mine Price and Cost of PProduction : Rs.164.90
9h	Scrutiny of Annual return on fixed assets	Rs.103984507	Rs.103984507
9k	Scrutiny of Annual return on mining machineries	Excavator - 1, Dozer-1, Tippers - 6, Water Tanker - 1, Drill &Compressor- 1	Excavator - 1, Dozer-1, Tippers - 6, Water Tanker - 1, Drill &Compressor- 1

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
Rule 33(2)	05/12/2016				
Rule 27(4)	05/12/2016				
Rule 27(4)	16/11/2016				
Rule 33(2)	16/11/2016				

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines