INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT 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 Officer and ID No. : **25**) **SHRI IBRAHIM SARIF**

(ii) Designation : Sr. Asst. Contrl. Mines

(iii) Accompaning mine Official with Designation : Shri BSP Raju, Agent, Shri Jani Reddy, Mines Manager

(iv) Date of Inspection : 22/04/2017

(v) Prev.inspection date : 23/09/2016

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 correspondance : JAYANTIPURAM-V(SOUTH BLOCK)
JAYANTIP[URAM, CHILLAKALLU (M0
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/ Termination date : 11/06/1992

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	4 NO. OF CORE BORE HOLES TO BE DRILLED	NIL	Vilation was pointed out
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.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal of expenditure though it was proposed to drill 4 no. of core bore holes	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil, exploration on lower grid is proposed to icrease the level of conficence	
1e	Balance reserve as on 01/04/20	As on 01.04.2017 16824450 MT	17419000 MT	Less production due to lack of demand

Development :

Sl.No.	Item	Propasals	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	19032 cum	14294 cum	

Exploitation:

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

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.	One	One	
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 metrs of garland drain is maintained
4j	Number of settling ponds	2	2	

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.	Not appliucable	Not appliucable	
5b	Area under backfilling of mined out area	Nil	Nil	

5d	Total area fully reclaimed and rehabilitated	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) .	Nil	Nil	
6c	afforestation done (ha).	0.2 ha	0.2 Ha	
6d	No. of saplings planted during the year	400	500	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring has tobe carried regularly on quarterly in respect of Air, water, noise etc.	Monitoring is being carried out regularly	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	582362 MT	334000 MT	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised	Mechanised	
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)	No proposal	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	OB-1 Mineral reject Waste:1	OB-1 Mineral reject Waste:1	
8g	Survival rate	No proposal	90%	
8h	Water sprinkling on roads to control airborne dust	Water sprinklinmg should be carried out to suppress the dust to avoid air bourne	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: P.Jani Redddy, Geologist: Vikas Kumar, Mines Manager: P.Jani Redddy	As per AR for the year 2015-16 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 PRoduction : Rs.164.90	Sale Value is Nil,Ex Mine Price and Cost of PRoduction : 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 couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17 Rule 11(1)	04/05/2017				
MCDR17 Rule 37(5)	04/05/2017				
Rule 45(7)	04/05/2017	20/12/2017			

Date :

(**SHRI IBRAHIM SARIF**)

Indian Bureau of Mines