

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/ANP/LST-6/HYD

Mine code : 38APR02019

- (i) Name of the Inspecting : **S41**) **Y M SIVA PRASAD**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Rama Krishna Reddy, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 16/03/2018
- (v) Prev.inspection date : 21/08/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **URICHINTALA**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : ANANTAPUR
Village : TADIPATRI
Taluka : TADIPATRI
Post office : URICHINTALA
Pin Code : 515411
FAX No. : 040-23353951
E-mail : pcilhyd@hyd1.vsnl.net.in
Phone : 23353945,23353950,23353952
- (f) Police Station :
- (g) First opening date : 29/01/1988
- (h) Weekly day of rest : SUN
2. Address for : TALARICHERU(V0TADIPATYRI(M)
correspondance ANANTAPUR.DIST.ANDRAPRADESDH
PHONENO.08558-286055,286066.FAX08558-286044
3. (a) Lease Number : APR1224
- (b) Lease area : 178.25
- (c) Period of lease : 20
- (d) Date of Expiry : 18/12/2014
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : PENNA CEMENT INDUSTRIES LTD
PLOTNO.703,
SRINIKETANCOLONYROADNO.3
BANJARAHILLS.HYDERABAD
HYDERABAD TELANGANA
Phone:08558, 86055,86066
FAX :08558-86044

Owner : SATISH REDDY
M/S PENNA CEMENT INDS PLOT
NO.703, SRINIKETAN COLONY
ROAD NO.3 BANJARA HILLS
HYDERABAD TELANGANA
Phone: 040-23353952/95
FAX : 040-23353951

Agent : C.J.REDDY
PENNA CEMENT INDUSTRIES LTD
TALARCHERUVU VILLAGE
TADIPATRI MANDAL ANANTAPUR
ANDHRA PRADESH
Phone: 08558-286055,66
FAX :

Mining Engineer

Name : L.Sainath,Full Time
Qualification : B.Techin Mining Engineering.
Appointment/ :
Termination date

Geologist

Name : M Ramesh Babu,Full Time
Qualification :
Appointment/ :
Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	26/07/2002
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	19/07/2012
	:	Mining Scheme rule 12 MCDR1988	01/04/2013
	:	Mining Scheme rule 12 MCDR1988	29/10/2014
	:	MP modif under MCR 1960	30/10/2015

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	N I L	N I L	Exploration already completed.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-----	-----	-----
1d	Balance area to be explored to bring Geological axis in 1 or 2	N I L	N I L	
1e	Balance reserve as on 01/04/20		8.100 Million Tonnes.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 200 - S-200, W 200 - E 220	N 200 - S 200, W 200 - E 220.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals.	N I L	
2c	Stripping ratio or ore to OB ratio	N I L	N I L	
2d	Quantity of topsoil generation in m3	N I L	N I L	
2e	Quantity of overburden generation in m3	N I L	N I L	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-----	-----	-----

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01.	01.	
3b	Quantity of ROM mineral production proposed	2017- 18 = 661192.13 T	2017-18 = 262885 T. (Upto Feb 2018)	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposals	N I L.	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable.	
3f	Quantity of sub grade mineral generation.	N I L	N I L	
3g	Grade of sub grade mineral generation	Not Applicable.	Not Applicable.	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Not Applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	Not Applicable.	
3j	Provision of drilling and blasting in mineral benches	Drilling and Blasting is proposed.	Drilling undertaken with 150 mm dia drill and use of ANFO Slurry Explosives combination.	
3k	Provision of mining machineries in mineral benches	Hydraulic Shovel--dumper combination proposed.	Being used as proposed.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 m bench proposed.	Bench height of 8 m is being maintained as proposed, which is suitable for the method of mining.	

3m	Total area covered under excavation/pits	18.31 hectare. till 2018-19.	11.07 hectare. (Till Feb. 2018)
3n	Ore to OB ratio for the pit/mine during the year.	N I L	N I L
3o	Total area put in use under different heads at the end of year	24.69 hectare.. till 2018-19.	Pit - 11.07 hectare. Roads - 3.16 hectare. Plantation - 0.2 hectare. (Till Feb. 2018)
3p	Production of ROM mineral during the last five year period as applicable	2013-14= 470000 T. 2014-15 = 470000 T. 2015-16 = 660588 T. 2016-17 = 658593.7 T. 2017-18 = 661192.13 T.	2013-14 = N I L. 2014-15 = N I L. 2015-16 = N I L. 2016-17 = 192700 T. 2017-18 = 262885 T. (Up to Feb. 2018.)
3q	General remarks of inspecting officers on method of mining etc.	-----	-----

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	N I L.	
4b	Location of topsoil, OB and mineral reject dumps	No proposals	----	
4c	Number of dumps within lease area and outside of lease area	N I L	N I L	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active and alive dumps.	Not Applicable.	N I L	
4f	Number of dead dumps.	NA	N I L	
4g	Number of dumps established.	Not Applicable.	N I L	

4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable.	N I L
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable.	N I L
4j	Number of settling ponds	Not Applicable.	-----
4k	Specific comments of inspecting officer on waste dump management	-----	-----

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 proposals	N I L	No area is mature for backfilling.
5b	Area under backfilling of mined out area	N I L	N I L	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	n i l	
5d	Total area fully reclaimed and rehabilitated	N I L	N I L.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-----	-----	

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) .	NA	NA	
6c	afforestation done (ha).	No afforestation is proposed in mined out areas / worked benches,	N I L	Area is nor mature for the purpose,
6d	No. of saplings planted during the year	No afforestation is proposed in mined out areas / worked benches,	150 saplings over 0.2 ha planted in safety barrier zone.	
6e	Cumulative no .of plants	Noproposal for plantation on mined out bench.	N I L	
6f	Any other method of rehabilitation	---	---	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposals	N I L	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals	n i l	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal forafforestation on on backfilled area.	N I L	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	N I L
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	1050 saplings over 1.81 hactare area.	150 saplings over 0.2 hectare area.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	---	-----
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	--	---
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Undertacken Quarterly.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	----	----

Mineral Conservation:

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

7a	ROM Mineral dispatch or grade-wise sorting within lease area	The entire ROM produced in the mine forcement manufacture of Portland cement.	The entire ROM produced in the mine forcement manufacture of Portland cement.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.
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	-----	-----

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation anticipated.	-----	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-----	Additional plantation by means of 150 saplings over 0.2 hectare area in the lease.
8g	Survival rate	60%	70%
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling on haul roads is being done by water tanker .
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	----	----

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns Annualreturn are to be as per statue.	Monthly returns submitted upto March 2018and annual return upto 2016-17.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Sri L.Sainath Reddy-- Mining Engineer. V. Pullaiah --- Geologist.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		OBserved as reported.	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NI L	N I L
9f	Scrutiny of Annual return on ROM stock and/or graded ore	-----	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Entire ROM is sent (used) for their own cement plant.	
9k	Scrutiny of Annual return on mining machineries	Excavator--650 1 no. bucket capacity 3.3 cu m. Dumpers -- 08 nos. HM (1035) 30 tonnes capacity. Drill & Compressor 1. no. Power 283 BHP.	

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 :

(Y M SIVA PRASAD)

Indian Bureau of Mines