

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/ANP/LST-34/HYD

Mine code : 38APR02049

- (i) Name of the Inspecting : S41) Y M SIVA PRASAD
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 15/03/2018
- (v) Prev.inspection date : 05/09/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : GUDIPADU(28.47 HA)
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : ANANTAPUR
- Village : Gudipadu
- Taluka : Yadiki
- Post office : Yadiki
- Pin Code : 515408
- FAX No. : 04023355941
- E-mail : projects@pennacements.com
- Phone : 04023353945
- (f) **Police Station** : YADIKI
- (g) **First opening date** : 20/11/2012
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : PLOT NO.705, SRINIKETHAN COLONY,
ROAD NO. 3.BANJARA HILLS,
HYDERABAD.PIN:500034.
3. (a) **Lease Number** : APR1417
- (b) **Lease area** : 28.47
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 07/07/2019
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S PENNA CEMENT INDIA LTD
PLOT NO.705 ,SRINEKETHAN
COLONY ROAD NO.3.BANJARA
HILLS HYDERABAD HYDERABAD
TELANGANA
Phone:
FAX :

Owner : M/S PENNA CEMENT INDIA LTD
PLOT NO.705 ,SRINIKETHAN
COLONY ROAD NO.3.BANJARA
HILLS, HYDERABAD HYDERABAD
TELANGANA
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 30/10/2014
Plan/Scheme of Mining

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	Exploration Completed. 10 core bore holes are drilled for a total 405 metereage of depth.
1b	Exploration over lease area for geological axis 1 or 2		N I L	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		N I L	
1e	Balance reserve as on 01/04/20	18.865 million tonnes.	18.580 million tonnes.	
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	Sections NN' & OO'	Working in Sections NN' & OO'.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)		Top soil worked separately where ever applicable.	
2c	Stripping ratio or ore to OB ratio	N I L	N I L	
2d	Quantity of topsoil generation in m3			
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	One	One	
3b	Quantity of ROM mineral production proposed	879926Tonnes.	285000 Tonnes. (Up to Feb. 2018.)	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	N I L	N I L	
3e	Grade of mineral rejects generation and threshold value declared.		Not Applicable.	
3f	Quantity of sub grade mineral generation.		N I L	
3g	Grade of sub grade mineral generation		Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM		Not Applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	N I L	
3j	Provision of drilling and blasting in mineral benches	Proposed	Provided.	

3k	Provision of mining machineries in mineral benches	Proposed.	Provided.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		Height of benches are suitable for mechanisation proposed.	
3m	Total area covered under excavation/pits	7.99 hectares.	0.57 hectares.	
3n	Ore to OB ratio for the pit/mine during the year.	N I L	Not Applicable.	
3o	Total area put in use under different heads at the end of year	10.19 hectares.	0.51 ha.	
3p	Production of ROM mineral during the last five year period as applicable	2014-15 : 707778 tonnes. 2015-16 : 887366 tonnes. 2016-17 : 889855 tonnes. 2017-18 : 879926 tonnes.	2015-15 : N I L 2015-16 : 147700 tonnes. 2017-18 : 285000 tonnes (Upto Feb.2018)	
3q	General remarks of inspecting officers on method of mining etc.	-----	N I L	N I L

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	----	Not Applicable.	
4b	Location of topsoil, OB and mineral reject dumps		Not Applicable	
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)		Not Applicable
4e	Number of active and alive dumps.		N I L
4f	Number of dead dumps.		Not Applicable
4g	Number of dumps established.	N I L	N I L
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	N I L
4i	Length of Retaining wall or garland drain all along dumps		Not Applicable.
4j	Number of settling ponds		N I L
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.	N I L	N I L	
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)	N I L		There is no generation of top soil.
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).	Annual report for the year has to submit as per statue.	Yerarly rport submitted.	
6b	Area available for rehabilitation (ha) .	No proposals	Benches being worked are not mature for rehabilitation.	
6c	afforestation done (ha).	No proposals	Benches being worked are not mature for rehabilitation.	
6d	No. of saplings planted during the year	No proposals	Benches being worked are not mature for rehabilitation.	
6e	Cumulative no .of plants	-----	N I L	
6f	Any other method of rehabilitation		Not Applicable	
6g	Cost incurred on watch and care during the year		N I L	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D		Pit is not matured for backfilling.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings		Pit is not matured for backfilling.	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area		Pit is not matured for backfilling.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir		Not Applicable.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.		Not Applicable.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation		There is no waste land as entire lease area is mineralised.. However the lessee has undertaken by means of 150 saplings over area of 0.48 ha.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)		Not Applicable.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation		N.A.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Undertaken as proposed.
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		No sorting is required. Entire mineral is being used.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.		Not Applicable.	
7c	Different grade of mineral sorted out at mines.		N I L	
7d	Any beneficiation process at mines	No proposals.	N I L	
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)		Not Applicable.	
8b	Concurrent use or storage of topsoil		Not Applicable, as no top soil is generated.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		NI L	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		Not Applicable.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		N I L	
8g	Survival rate		About 60 %.	
8h	Water sprinkling on roads to control airborne dust	Proposed.	Provided.	
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 return and Annual returnhas to submitas per statue.	Lessee has submitted monthly returns for the year 2017-18 upto March 2018 through On-Line to this office, Annual return for the year are 2017-18 is yet to be submitt tothis office.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Sri V.Suresh Geologist ; Sri K.Rambabu.	Mining Engineer: Sri V.Suresh. Geologist ; Sri K.Rambabu.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		0.48 hectares.	
9d	Scrutiny of Annual return on afforestation		150. Saplings	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N I L	N I L	

9f Scrutiny of
Annual return on
ROM stock and/or
graded ore

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