

**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 : K.Rambabu, AGM (Geology)
Official with
Designation
- (iv) Date of Inspection : 05/09/2017
- (v) Prev.inspection date : 09/03/2017

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	NIL	NIL	
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	
1d	Balance area to be explored to bring Geological axis in 1 or 2		N I L	
1e	Balance reserve as on 01/04/20	19.013 million tonnes	18.865 million tonnes	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 50875-50650	N 50840- 50740	
			E 50405 - 50480	
		E 50460- 50670		
2b	Separate benches in topsoil, overburden and minerals (Rule 15)		Top soil worked separately wherever applicable.	
2c	Stripping ratio or ore to OB ratio	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	One	One	
3b	Quantity of ROM mineral production proposed	2017-18 : 879926 tonnes.	2017-18 : 148000 tonnes upto 05.09.2017.	
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.	0.54 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	10.19ha	About 0.5 ha.
3p	Production of ROM mineral during the last five year period as applicable	2014-15=707778 tonnes	2014-15= N I L 2015-16= N I L 2016-17= 147700 tonnes. 2017-18= 148000 tonnes Till 31 .08.2017.

2015-16=
887366 tonnes

2016-
17=909462
tonnes 2017-
18=148000
tonnes Till
31.08.2017.

3q General remarks N I L N I L
of inspecting
officers on
method of mining
etc.

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 N I L within lease area and outside of lease area		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	
4h	Whether Retaining wall or garland drain all along dumps are there.		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	NI 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 2016-17 has to be submitted as per Statue.	Not submitted.	The violation of rule 26(2) of MCDR 2017 is pointed out to lessee.
6b	Area available for rehabilitation (ha) .	No proposal	Benches being worked are not mature for rehabilaitation.	
6c	afforestation done (ha).	No proposals	Benches being worked are not mature for rehabilaitation.	
6d	No. of saplings planted during the year	Noproposal on working benches	Benches being worked are not mature for rehabilaitation.	
6e	Cumulative no .of plants		N I L. Benches being worked are not mature for rehabilaitation.	
6f	Any other method of rehabilitation		Not Applicable	

6g	Cost incurred on watch and care during the year	N IL
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	Either is no waste land as entire lease area is mineralised. However the lessee has undertaken by means of 280 saplings over an area of 0.54 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 proposal.	N I L	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-----	-----	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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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 at present. Outcrop of minerals well exposed.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	N I 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)	225 saplings over 0.2 hectares area.
8g	Survival rate	About 60%.
8h	Water sprinkling on roads to control airborne dust	Proposed. Provided.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns & Annual return as per Statute.	Monthly returns and Annual return for the year 2016-17 submitted through on-line.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Minig Engineer ; Shri V.Suresh	Minig Engineer ; Shri V.Suresh
			Geologist : Shri K.Rambabu.
		Geologist : Shri K.Rambabu.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		0.54 hectares.
9d	Scrutiny of Annual return on afforestation		225 saplings have been planted.
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	147700 tonnes.	147700 tonnes.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		

9k	Scrutiny of	SHOVEL	SHOVEL (HYDRAULIC) 3.300
	Annual return on	(HYDRAULIC)	CUM 1 Non Electrical
	mining	3.300 CUM 1	Opencast
	machineries	Non Electrical	DUMPER 30.000 TONNE 3
		Opencast	Non Electrical Opencast
		DUMPER 30.000	BLAST HOST DRILL 152.000
		TONNE 3 Non	MM 1 Non Electrical
		Electrical	Opencast
		Opencast	DOZER 410.000 HP 1 Non
		BLAST HOST	Electrical Opencast
		DRILL 152.000	
		MM 1 Non	
		Electrical	
		Opencast	
		DOZER 410.000	
		HP 1 Non	
		Electrical	
		Opencast	

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 26(2)	01/11/2017			

Date :

(Y M SIVA PRASAD)

Indian Bureau of Mines