

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-158A/Hyd

Mine code : 38APR11094

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri.RAMAKRISHNA REDDY MINES MANAGER
Official with
Designation
- (iv) Date of Inspection : 11/08/2018
- (v) Prev.inspection date : 17/03/2018

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KORUMANIPALLI**
- (b) **Registration NO.** : **IBM/1099/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **KORUMANIPALLI**
- Taluka : **KOILKUNTALA**
- Post office : **KORUMANIPALLI**
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : **Kolimigundla**
- (g) **First opening date** : **30/03/2000**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **Vill Tallaricheruvu, Mandal Tadipatri**
correspondance : **Anantapur District.**
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : Penna Cement Industries Limited
Vill :Talaricheruvu, Mandal
:Tadipatri. Ananthapur
District. ANANTAPUR ANDHRA
PRADESH
Phone:
FAX :

Owner : M/S.PENNACEMENTINDUSTRIES.LTD
PLOTNO.703,
SRINIKETANCOLONYROADNO.3
BANJARAHILLS, ANANTAPUR
ANDHRA PRADESH
Phone: 3353945, 33
FAX : (040)3363951

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	Total area has been explored under G2 axis	
1b	Exploration over lease area for geological axis 1 or 2	NIL	ML area covered under G2 axis	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	Entire mineralised area has been explored under G2 axis	
1e	Balance reserve as on 01/04/20	844111 tonnes	1296000 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	Total mineralised area has been explored under G2 scale

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N050-N350 E050-E200	N050-N350 E050-E200	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no top soil and overburden	Not applicable	
2c	Stripping ratio or ore to OB ratio	NIL	NIL	
2d	Quantity of topsoil generation in m3	1000 cu.m	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
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	197357.01 T	117000 T	Less production due to less demand
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	
3f	Quantity of sub grade mineral generation.	No proposal	NIL	
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.	NIL	NIL	
3j	Provision of drilling and blasting in mineral benches	Yes, Hydraulic shovel dumper combination is proposed for mineral handling	Hydraulic shovel dumper combination is adopted for mineral handling	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 m ht bench ht is proposed	6 m ht bench ht is maintained	
3m	Total area covered under excavation/pits	8.941 ha	4.581 ha	Due to less production

3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	Due to no overburden
3o	Total area put in use under different heads at the end of year	15.584 ha(till 2019-20)	Pit-4.581 ha Roads-1.43 ha Plantation-0.4ha	
3p	Production of ROM mineral during the last five year period as applicable	2014-15--186100 t, 2015-16--172056.16t t,2016-17--199476.23 t, 2017-18--197357.01 t	2014-15--13855 t, 2015-16--NIL,2016-17--NIL , 2017-18--117000 t	
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	There is a deviation in mining operations hence violation of Rule 11(1) was pointed out by the earlier inspecting officer on 18.5.2018 and the same is being followed up.

Solid Waste Management - Dumping:

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

4g	Number of dumps established.	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Not Applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	No waste is being generated . Total ROM is being fed to the crusher.

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 proposal	Not matured for back filling.	
5b	Area under backfilling of mined out area	No proposal	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	NIL	
5d	Total area fully reclaimed and rehabilitated	No Proposal	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____	Area not matured for reclamation.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes, yearly report is to be submitted as per statute	yearly report has been submitted for the year 2017-18
6b	Area available for rehabilitation (ha) .	No Proposal	NIL
6c	afforestation done (ha).	NIL	NIL
6d	No. of saplings planted during the year	NIL	NIL
6e	Cumulative no .of plants	NIL	NIL
6f	Any other method of rehabilitation	NIL	NIL
6g	Cost incurred on watch and care during the year	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Applicable	Not Applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Applicable	Not Applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	Not Applicable

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Applicable	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring of env.parameters are to be carried out	Quarterly monitoring of env.parameters are being carried out
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 grade wise sorting.	No grade wise sorting. Total ROM is being fed tot he crusher	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable	

7d	Any beneficiation process at mines	NIL	NIL	
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	Not Applicable	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	
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)	2250 saplings	300 saplings	
8g	Survival rate	80%	80%	

8h	Water sprinkling on roads to control airborne dust	Yes	water sprinkling is being carried out to suppress the dust
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 and Annual Returns are being submitted in time	Monthly and Annual Returns are being submitted in time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri.R.Maheswar a Reddy, Manager, Mining Engineer-NIL, Geologist-NIL	Sri.R.Maheswara Reddy, Manager, Mining Engineer-NIL, Geologist-NIL	Violation of Rule 55(1)(a) has been pointed out to the lessee.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Mining-4.581 ha, Reclaimed area-NIL, Area under dumps-NIL	Area under Mining-4.581 ha, Reclaimed area-NIL, Area under dumps-NIL	
9d	Scrutiny of Annual return on afforestation	400 plants	300 plants	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of Production- Rs.173.83/_	Cost of Production- Rs.173.83/_	No sale value and Ex.Mine price since it is a Captive mine
9h	Scrutiny of Annual return on fixed assets	Rs. 2,465,568 /-	Rs. 2,465,568 /-	

9k	Scrutiny of Annual return on mining machineries	Shovel-1, Dumper-2,Rock drill-1, Explosive Van- 1, Dozer-1, Water Tanker-1	Shovel-1, Dumper-2,Rock drill-1, Explosive Van- 1, Dozer-1, Water Tanker-1
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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 :

(Ch.Suseela)

Indian Bureau of Mines