

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION



Mining Plan Modification REPORT

Hyderabad regional office

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

Mine code : 38APR11094

- (i) Name of the Inspecting : 25 ) SHRI IBRAHIM SARIF  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sri.RAMAKRISHNA REDDY MINES MANAGER  
Official with  
Designation
- (iv) Date of Inspection : 27/10/2018
- (v) Prev.inspection date : 11/08/2018 .

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 : 518123 .  
FAX No. :  
E-mail : tlcw@pennacement.com .  
Phone :
- (f) Police Station : Kolimigundla
- (g) First opening date : 30/03/2000
- (h) Weekly day of rest : SUN
2. Address for correspondence : Vill Tallaricheruvu, Mandal Tadipatri  
Anantapur District.
3. (a) Lease Number :  
(b) Lease area : 49.64 Ha.  
(c) Period of lease : 20 years .  
(d) Date of Expiry : 18-09-2026 .
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 : Fresh under rule 22 MCR1960

31/07/2002  
03/02/2015

*Stamp: 1009*  
Mining plan approved under rule 27(2) of MCR 1960.

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No backlog	Nil	
1b	Exploration over lease area for geological axis 1 or 2		ML Area has been explored under G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		The exploration has been carried out by M/s Suryamin Exploration Aids Pvt. Ltd.	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Entire area has been explored earlier under G1 scale, Hence no area is required to be explored.	
1e	Balance reserve as on 01/04/20	8,44,111 tonnes	12,96,000 tonnes	Less production than the approved quantity
1f	General remarks of inspecting officers on geology, exploration etc			The lease area comprises of Grey to Dark Grey Limestone with Varigated Argillaceous Limestone at Places. The entire lease area is Limestone bearing and intersection of quartzite at the bottom is encountered at some bore holes. The General Strike of Limestone Bed in the lease area is E-W bedding and dipping Northerly at an angle of 2 to 5 degrees. Entire lease area has been explored in G1 level.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 050- N 350, E-050 E-200	Deviation in excavation was observed	Violation was pointed earlier is continuing. Lessee has committed to submit the modification in the earlier approved document for incorporation of deviation
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top soil - Nil, OB - Nil. Ore - 1 Bench	Top soil - Nil, OB - Nil., Ore - 3 Benches	Violation was pointed earlier is continuing
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	1000 cum	Nil	Very less production for less demand. hence no need to develop additional benches
2e	Quantity of overburden generation in m3	1000 cum	Nil	Very less production for less demand. hence no need to develop additional benches
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No top soil and OB is generated during the year 2017-18 as less production of ore due to less demand from plant. Further, deviation in development is observed and violation was pointed out for the same earlier.

**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	1	1	One
3b	Quantity of ROM mineral production proposed	1,97,375 Tonnes (2017-18)	1,17,000 Tonnes (2017-18)	Due to less demand from Plant.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	No segregation of ROM is required as entire ROM is being fed to the plant.
3j	Provision of drilling and blasting in mineral benches	Drilling is being carried out by 115 mm dia Drilling machines by maintaining Burden and Spacing of 3m and 5 m respectively. Blasting operation is being carried out using slurry explosives in combination with milli second delay detonators is proposed	Drilling and Blasting operations are being carried out as per approved proposals.	
3k	Provision of mining machineries in mineral benches	Back Hoe Shovel (3.0 cum) : 1 no., Dumper (35 T)- 2 nos., Rock Drill(115 mm dia) -1 no., Dozer-1, Water tanker-1	HEMM machineries proposed are being utilised for mining operations	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Boom length of Excavator of 3.5 cum capacity is suitable for maintaining bench height of 6.0 meters	Yes suitable by using excavators of 3.0 cum capacity.	
3m	Total area covered under excavation/pits	12.211 Ha	Deviation in area degraded is observed	Violation was pointed out earlier for the same
3n	Ore to OB ratio for the pit/mine during the year.	1 ;0.007	Nil	
3o	Total area put in use under different heads at the end of year	15.584 Ha	Deviation in area degraded is observed	Violation for the deviation is pointed out earlier and is continuing
3p	Production of ROM mineral during the last five year period as applicable	2014-15- 1,99,955, 2015-16- 1,72,056, 2016-17- 1,99,476, 2017-18- 1,97,375	2014-15- 972100, 2015-16 : Nil, 2016-17 :Nil, 2017-18: 1,17,000	All fig. in Tonnes
3q	General remarks of inspecting officers on method of mining etc.			Production reported is less than the approved quantity during the year 2017-18. Deviation in excavation is observed and the same is pointed out in the earlier violation letter dated 10.05.2018

**Solid Waste Management - Dumping:**

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The top soil generated is to be stacked separately	No top soil is generated
4b	Location of topsoil, OB and mineral reject dumps	The top soil will be stacked temporarily in between grid W388-W343 and N38- N84	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil
4k	Specific comments of inspecting officer on waste dump management		No top soil/ waste material is generated during the Year

#### 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 as no area is matured for backfilling	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Top soil will be utilised for plantation	No top soil is generated	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No TOP soil/ OB is generated and no area is matured for reclamation, hence no backfilling activity is there	

Sl.No. of  
 Separate  
 Item  
 Environment:

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).	Yearly report to be submitted for the year 2017-18	Yearly report submitted	
6b	Area available for rehabilitation (ha) .	Nil,	N.A	No area is reclaimed so for.
6d	No. of saplings planted during the year	450	600	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring has to be carried out pertains to Air, Water, Noise Etc.	Regular monitoring is being done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Yearly report for compliance of PMCP is submitted and 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	Entire ROM ore of 1,97,375 Tonnes is proposed to dispatch	ROM of 1,17,000 tonnes produced was diapatched	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No mineral reject/ sub grade generation is there, entire ROM generated is being utilised in plant



## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil generated will be utilised for plantation	No top soil is generated	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	450	600	
8h	Water sprinkling on roads to control airborne dust	Water tanker shall be provided to suppress the dust	Water sprinkling arrangement by deploying water tank is observed in the lease area	Complied with
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Plantation is being carried out in and around the lease area to improve aesthetic beauty.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. & A.R is to be Submitted regularly	Online M.R. & A.R has been Submitted up to Date	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager & Mining Engineer - M.Ravinder Reddy, Geologist - Nil	No Mining Engineer & Geologist	Violation for the same was pointed out earlier
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Mining-4.51Ha, Reclaimed- Nil, Dump- Nil	Deviation in area under mining is observed	Violation for the same was pointed out earlier
9d	Scrutiny of Annual return on afforestation	600	600	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of Production & Exmine Price - Rs. 173.83	Rs. 173.83
9h	Scrutiny of Annual return on fixed assets	Rs 24,65,568/-	As reported by lessee
9k	Scrutiny of Annual return on mining machineries	Shovel (3.0 cum)-1, Dumper (35 Tonne) -2, Rock Drill(115 mm)-1, Dozer-1, Water tanker-1	Above machineries were found utilised

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