

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

Mining Plan inspection REPORT

Hyderabad regional office

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

Mine code : 38APR02049

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 28-NOV-19
- (v) Prev.inspection date :

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-NOV-12
- (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-JUL-19
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-OCT-14
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	No proposal	Exploration has been carried out by 17 no. of bore holes and covered under G1 scale	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee	M/s. J.P Kordrilling 301, Mythri Residency, Street No.7, Habsiguda, Hyderabad-500 007. babujpjed@gmail.com; Phone no.: +919441210762 and lessee	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal for the year	Most of the lease area has been explored by 17 no. of bore holes in 200 X 200, 200 X 400 grid interval with 719.60 meterage. minimum depth of 2.1 mtrs to maximum of 45 m up to shally pink limestone (up to 2 m in pink shaly limestone)	
1e	Balance reserve as on 01/04/20	18.563	17.914	In Million Tonnes
1f	General remarks of inspecting officers on geology, exploration etc		The entire lease area is Limestone bearing,, The General Strike of the Limestone beds is WNW to ESE with low dips of 3 to 6 degree due North/ Noerth westerly, Entire mineralised area has been explored under 200 x 200 m interval in G1 Scale	

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)	Seperate benches to be maintained in top soil & Minerals	Seperate bench in TOP Soil and Mineral is maintained
2c	Stripping ratio or ore to OB ratio	Nil	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		No OB generation in the lease, Ore in the lease araa is stratified and regular in habit and development is being carried in ore zone

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2018-19 : 892306 Tonnes	2018-19: 636300 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	No Segregation as entire ROM is used in the plant	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	

3j	Provision of drilling and blasting in mineral benches	Deep hole drilling is being carried out by Drill hole with dia :150mm by maintaining Burden: 5m and Spacing: 7 m. Blasting operation is being carried out by using Slurry explosives in combination of delay detonators	Deep hole drilling and blasting is being carried out as proposed.
3k	Provision of mining machineries in mineral benches	Shovel (3.3 cum)- 1 no., Dumper-3 no., Blast Hole drill-150 mm- 1 no.	THE above machineries are used
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Boom Length of Excavator of 3.3 cum capacity is suitable for maintaining mineral bench height of 09 Meters.	Yes bench height approved is suitable by using the proposed machineries
3m	Total area covered under excavation/pits	7.99 Ha	0.57 Ha
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil
3o	Total area put in use under different heads at the end of year	Total area proposed to be degraded is 10.19 Ha	Reported 0.57 Ha area is reported to have been degraded
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 2018-19-892306	2014-15 : Nil, 2015-16 : Nil Tonnes, 2016-17 : 147700 Tonnes, 2017-18 : 315000 Tonnes, 2018-19- 636300 Tonnes

3q	General remarks of inspecting officers on method of mining etc.	Mining operations are being carried out by fully mechanised method using HEMM with Deep hole Drilling and Blasting by maintaining height of 10 meters and Width of about 20 meters.
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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	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			There is no generation of Top Soil, waste/ OB, hence no dump management is applicable to this mine

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.			At present, no pit is reached their ultimate depth. Hence there is no possibility of backfilling/ Reclamation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area is matured for reclamation hence there is no question about backfilling of pit

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).	AR on PMCP should be submitted to RCOM before 1st July.	Submitted
6b	Area available for rehabilitation (ha) .	NIL	No area matured for reclamation
6c	afforestation done (ha).	0.45 Ha	0.25 Ha
6d	No. of saplings planted during the year	620	620
6e	Cumulative no .of plants		900
6f	Any other method of rehabilitation	No proposal	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring in respect of Ambient air quality, Noise, water quality etc. needs to be carried out.	Regular monitoring is being carried out and reports are maintained in the mine.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Proposals approved as per PMCP should be adhered and complied.	Yearly report in respect of PMCP has been submitted, Regular monitoring in respect of AAQ, Noise, Water etc.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Sorting is required, Entire ROM produced is to be dispatched	636300 Tonnes of Ore produced is dispatched, there is no generation/ sorting& sizing of ore	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Entire ROM produced is being utilised to feed cement plant.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal of Generation of Top soil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal of generation of waste rock, overburden, mineral reject and fines	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	The Lease area is Rocky in Nature and Plantation was Scanty. Additinal plantation of 620 sapplings are proposed to be planted	Additional 600 sapplings were planted.	
8g	Survival rate	No proposal	About 60%.	
8h	Water sprinkling on roads to control airborne dust	Water tanker to appress the dust arised due to mining activities	Water tanker provided foe dust suppression	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Additional plantation of 620 sapplings were planted to improve the aesthetic beauty

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR and AR to be submitted regularly	Monthly and Annual returns are submitted regularly	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : S Pratap Reddy, Mines Manager: J Naveen Kumar Reddy	Mining Engineer : S Pratap Reddy, Mines Manager: J Naveen Kumar Reddy	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O/C) Workings : 0.65 (ii) Occupied by plant, buildings, residential, welfare buildings & roads : 0.75	(i) Covered under current (O/C) Workings : 0.65 (ii) Occupied by plant, buildings, residential, welfare buildings & roads : 0.75	
9d	Scrutiny of Annual return on afforestation	880	880	
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	Rs. 190.38	Rs. 190.38	The lease is for captive consumption, hence Ex mine Price and Production Cost are same
9h	Scrutiny of Annual return on fixed assets	Rs. 4720500	As reported by lessee	
9k	Scrutiny of Annual return on mining machineries	Shovel (3.3 cum)- 1 no., Dumper-3 no., Blast Hole drill-150 mm- 1 no.	The above mentioned machineries are being used in the mine	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines