

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : TS/SUPT/LST-37/HYD

Mine code : 38TNG08003

- (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 : 09-DEC-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : CHINTALAPALEM(15 HA)
- (b) **Registration NO.** : IBM/8493/38APR14030
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : TELANGANA
- District : NALGONDA
- Village : CHINTALAPALEM
- Taluka : CHINTALAPALEM
- Post office : CHINTALAPALEM
- Pin Code : 508246
- FAX No. :
- E-mail : info@anjanicements.com
- Phone : 08683-230166
- (f) Police Station : CHINTALAPALEM
- (g) First opening date : 01-JAN-18
- (h) Weekly day of rest : SUN
2. Address for : ANJANI PORTLAND CEMENTS
correspondance CHINTALAPALEM VILLAGE & MANDAL
TELANGANA STATE
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 : M/S ANJANI PORTLAND CEMENT LTD
SITHA NILAYAM 153
DWARAKAPURI COLONY
PUNJAGUTTA HYDERABAD
TELANGANA
Phone:3353093
FAX :40-3353093

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	None	None	
1b	Exploration over lease area for geological axis 1 or 2	15.00 ha	15.00 ha, Entire area is already under G1 level of exploration	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Exploration Drilling by M/s JP Kordrilling under the supervision of Geologist appointed by M/s Anjani Portland cement Limited.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	10.473	Probable Mineral reserves (121)= 5646135 T Feasibility Mineral resource (221) =4827653 T Depletion in 2018-19 =53,600 T Balance resource as on 1/4/2018 = 10473288 T	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	Nil	Mining operations are being carried out in common boundary with adjacent lease of same lessee	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil is to be worked separately.	no top soil generated so far.	
2c	Stripping ratio or ore to OB ratio	Nil, No OB generation proposed	Nil	

2d	Quantity of topsoil generation in m3	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 generated of TOP Soil/ OB mining operatios are being carried out in mineral benches only

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	NA
3b	Quantity of ROM mineral production proposed	2018-19 - 60,000 MT	2018-19 - 53,600 MT	NA
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable	
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.	Not Applicable	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Mining operations are being carried out by Deep hole Drilling (115mm dia Drill) and Blasting with Slurry explosives in combination with delat detonator/ Nonel	Drilling & Blasting is being carried out as per proposals
3k	Provision of mining machineries in mineral benches	Excaavator- 0.9 cum, Drilling Machine 115mm Dia, Tipper- 6.8 cum are to be provided	Excaavator- 0.9 cum, Drilling Machine 115mm Dia, Tipper- 6.8 cum are being utilised for the production
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	Bench height of about 4m is suitable for this type of deposit
3m	Total area covered under excavation/pits	0.66 ha	0.02 ha
3n	Ore to OB ratio for the pit/mine during the year.	No OB generation anticipated	no OB is there in the lease, as such ore:OB is 1:0
3o	Total area put in use under different heads at the end of year	Mining - .66 ha Infrastructure - 0.00	very meagre area is put to use at present. Mining - 0.02, Afforestation- 0.036 ha.
3p	Production of ROM mineral during the last five year period as applicable		Mine opened on 01/01/2018 2017-18 - 500 MT 2018-19 - 53,600 MT 2019-20 - 89,499 MT
3q	General remarks of inspecting officers on method of mining etc.		Fully mechanised method of mining is being prqactised by using HEMM.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No topsoil, OB and mineral reject generation anticipated	topsoil, OB and mineral reject not generated	
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	Nil	
4f	Number of dead dumps.	Not Applicable	Nil	
4g	Number of dumps established.	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	No dump is there for the purpose.	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer on waste dump management		No generation of Top Soil/ OB hence dump management is not applicable for the lease	

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 Applicable, As Mining operations in the lease area just commenced on 01/01/2018	
5b	Area under backfilling of mined out area	Not Applicable	Not Applicable	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Applicable	Not Applicable
5d	Total area fully reclaimed and rehabilitated	Not Applicable	Not Applicable
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Not Applicable, no area is fully excavated so far. Mining operations are just commenced on 01/01/2018

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	Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Not Applicable	
6c	afforestation done (ha).	No proposal	The aspect of afforestation on rehabilitated land is not applicable. However 665 saplings have been planted in the year 2018-19 in the lease.	
6d	No. of saplings planted during the year		665 saplings have been planted in the year 2018-19 in the lease.	
6e	Cumulative no .of plants	Not Applicable	765 sapplings so far	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal was there .	Not Applicable	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal was there .	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal was there .	Not Applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal was there .	Not Applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal was there .	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal was there .	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)		Carried out as proposed.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No area exploited fully so far, there is no need of backfilling/ reclamation / rehabilitation

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No such proposal was there. Entire ROM was proposed for use.	Entire ROM is being transported to plant without sorting.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	Not Applicable
7c	Different grade of mineral sorted out at mines.	Entire ROM was proposed to be used without separate sorting	Underatken as proposed
7d	Any beneficiation process at mines .		Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Entire ROM is being used hence mineral conservation aspect is complied

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation was anticipated	No top soil generation reported.	
8b	Concurrent use or storage of topsoil		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)	No proposal	Not Applicable at present
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not Applicable	665 saplings have been planted in the year 2018-19 .
8g	Survival rate	-	70%
8h	Water sprinkling on roads to control airborne dust		Water tanker with sprinkler has been provided.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Lessee planted about 765 saplings in and around lease to improve aesthetic beauty

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Return submitted up to November 2019. Annual Return submitted on 26-06-2019.	Monthly returns/ Annual Returns are being submitted regularly.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	G Ganesh- Mining Engineer Sk Nagur Meera Sahib- Geologist	Shri G Ganesh is appointed as Mining Engineer on 29.05.2018 but is not having the required experience as per rule. Shri Manoj Kumar is working as geologist for two mines.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Minwe working ; 0.323 Ha, Other purpose : 0.418 Ha	broadly as per submission	

9d	Scrutiny of Annual return on afforestation	224 no's in 0.112 ha	Saplings - 665 no's Area covered - 0.19 ha
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. 240.30/- per tonne	Rs. 240.30/- per tonne
9h	Scrutiny of Annual return on fixed assets		23516 Lakhs, as reported by Lessee
9k	Scrutiny of Annual return on mining machineries	Back hoe - 0.9 cum - 1 no. Air Compressor - 450 CFM - 01 no. Rock Drill (nonelec) - 115 mm m- 1 no. Tipper - 17.0 MT - 03 nos.	Back hoe - 0.9 cum - 1 no. Air Compressor - 450 CFM - 01 no. Rock Drill (nonelec) - 115 mm m- 1 no. Tipper - 17.0 MT - 03 nos.

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