

**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 : S11 ) SHAILENDRA KUMAR  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 21/05/2022
- (v) Prev.inspection date : 09/10/2021

**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** : 01/01/2018
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : ANJANI PORTLAND CEMENTS  
CHINTALAPALEM VILLAGE & MANDAL  
TELANGANA STATE
3. (a) **Lease Number** :
- (b) **Lease area** : 15 HA
- (c) **Period of lease** : 50 YEARS
- (d) **Date of Expiry** :  
26/10/2061
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

Owner : N Venkat Raju  
 M/s Anjani Portland Cements  
 Limited Gudimalkapuram  
 Suryapet District NALGONDA  
 TELANGANA  
 Phone: 9949459997  
 FAX :

Agent : N Venkat Raju  
 M/s Anjani Portland cements  
 Limited Gudimalkapuram  
 Suryapet NALGONDA TELANGANA  
 Phone: 9949459997  
 FAX :

## Mining Engineer

Name : G Ganesh, Full Time  
 Qualification : B tech Mining  
 Appointment/ :  
 Termination date

## Geologist

Name : M manoj Kumar, Full Time  
 Qualification : Msc geology  
 Appointment/ :  
 Termination date

## Manager

Name : V Ramachandram  
 Qualification :  
 Appointment/ :  
 Termination date

6. Date of approval of Mining	:	MP under 16(1) of MCR 2016	09/09/2016
Plan/Scheme of Mining		MP modif under 17(3) MCR 2016	20/09/2018
		MP review under 17(1) MCR 2016	03/11/2020

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no backlog of proposed exploration from the previous year	No exploration was proposed or carried out during the year 2021-22.	The entire potentially mineralised area explored under G1 level.
1b	Exploration over lease area for geological axis 1 or 2	No exploration was proposed during the year 2021-22	No exploration was carried out during the year 2021-22.	No remarks to be made.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	The entire potentially proposed mineralised area explored under G1 level.
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2022 are 6.30 Million tonnes	No remarks to be made.
1f	General remarks of inspecting officers on geology, exploration etc	There was no proposal for exploration in the year 2021-22.	No exploration carried out during the year 2021-22	The entire potentially mineralised area explored under G1 level. The lease area forms a part of palnad sub-basin of Kurnool group. The main formation is Narji limestone.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to develop the mine from South East to Northwest part of the lease between 85 MRL to 78 MRL	The same was noticed during the inspection.	No deviation was noticed.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	As there is no topsoil or overburden, no proposal for handling the same was made.	No overburden or topsoil was generated during the year 2021-22.	No remarks to be made.
2c	Stripping ratio or ore to OB ratio	None	None	There is no overburden. The ratios is NIL.
2d	Quantity of topsoil generation in m3	Nil	None	None
2e	Quantity of overburden generation in m3	Nil	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	As there is no topsoil and overburden, no proposal was made for handling the same.	No topsoil or overburden was generated during the year 2021-22.	No deviation noticed.

### Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit	One Pit	No deviation noticed.
3b	Quantity of ROM mineral production proposed	1,00,000 tonnes proposed during the year 2021-22	1,00,000 tonnes produced during the year 2021-22	No deviation noticed.
3c	Recovery of sailable/usable mineral from ROM production	It was proposed to recover 100% of ROM	100% ROM recovered fed to the cement plant of the lessee.	No remarks
3d	Quantity of mineral reject generation	There was no proposal for generation of mineral reject during the year 2021-22	No mineral reject generated during the year 2021-22.	There is no deviation.
3e	Grade of mineral rejects generation and threshold value declared.	None	None	Not Applicable

3f	Quantity of sub grade mineral generation.	There is no proposal for generation sub grade mineral during the year 2021-22.	No sub grade mineral was generated during the year 2021-22.	No deviation noticed.
3g	Grade of sub grade mineral generation	None	None	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	There was no proposal for manual or mechanical seggregation from ROM	No seggregation was adopted.	No deviation noticed.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	There was no proposal for any beneficiation study by the lessee during the year 2021-22.	No beneficiation study carried out by the lessee during the year 2021-22.	No deviation noticed.
3j	Provision of drilling and blasting in mineral benches	It was proposed to carry out drilling and blasting in the mineral benches.	During the inspection it was noticed that drilling and blasting being carried out as proposed	No deviation noticed.
3k	Provision of mining machineries in mineral benches	It was proposed to excavate and transport the mineral using the excavator and tipper.	The same was noticed during the inspection.	No deviation noticed.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The proposed bench height was 8 meters	Same was noticed during the insepction.	No deviation noticed.
3m	Total area covered under excavation/pits	----	The total area covered under excavation was 1.954 ha	No deviation noticed.
3n	Ore to OB ratio for the pit/mine during the year.	As there is no overburden, the ratio is NIL.	No overburden generated during the year 2021-22.	No deviation noticed.
3o	Total area put in use under different heads at the end of year	---	The total area put to use was Pits - 1.954 ha	No deviation noticed.

3p	Production of ROM mineral during the last five year period as applicable	2017-18 - 1,00,000 tonnes 2018-19 - 1,00,000 tonnes 2019-20 - 1,00,000 tonnes 2020-21 - 1,00,000 tonnes 2021-22 - 1,00,000 tonnes	2017-18 - 500 tonnes 2018-19 - 53600 tonnes 2019-20 - 81499 tonnes 2020-21 - 99992 tonnes 2021-22 - 1,00,000 tonnes	No deviation noticed.
3q	General remarks of inspecting officers on method of mining etc.	None	Non	No deviation was noticed for the production quantity proposed and produced. Further, development being carried out as proposed.

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	As there is no topsoil or overburden no proposal was made for handling the same.	No overburden or topsoil was generated during the year 2021-22.	No deviation noticed.
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	None	None

---

4h	Whether Retaining wall or garland drain all along dumps are there.	None	None	None
4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	as there is no overburden and topsoil, no proposal was made for handling the same.

#### 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 reclamation measures were proposed during the year 2021-22.	No reclamation measures were carried out during the year 2021-22.	No deviation noticed.
5b	Area under backfilling of mined out area	None	Nil	No remarks to be made.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	No remarks to be made.
5d	Total area fully reclaimed and rehabilitated	None	None	No remarks to be made.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No reclamation measures were proposed during the year 2021-22.	No reclamation was done during the year 2021-22	As no area matured for reclamation purpose, no proposal or reclamation was done.

#### 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).	Yes	yes	No deviation noticed
6b	Area available for rehabilitation (ha) .	0.112 ha	0.112 ha	No deviation noticed.
6c	afforestation done (ha).	0.112 ha	0.112 ha	No deviation noticed.
6d	No. of saplings planted during the year	224 no.s	340 no.s	No deviation noticed.
6e	Cumulative no .of plants	--	2085 saplings	None
6f	Any other method of rehabilitation	Nil	None	None
6g	Cost incurred on watch and care during the year	---	It was reported by the lesse that approximately Rs.1,75,000/- was incurred towards watch and ward expenditure.	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	None	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	it was proposed to carry out the quarterly monitoring of the environmental parameters in both core and buffer zones	Regular monitoring of environmental parameters being carried out in both and buffer zones and all values are within the permissible limits.	No deviation noticed.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	All the PMCP measures as proposed by the lessee are being carried out without any deviation.

---

**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There was no proposal for grade wise sorting within the lease area.	No grade wise sorting being carried out within the lease area.	No deviatio noticed.

---

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	None
7c	Different grade of mineral sorted out at mines.	None	None	The entire ROM produced is consumed in the cement plant of the lessee.
7d	Any beneficiation process at mines .	None	None	No beneficiation process was proposed are being carried out.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	The entire ROM produced is being consumed in the cement plant of the lessee.

---

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	As there is no topsoil in the lease, no proposal was made for handling the same.	No topsoil was generated during the year 2021-22.	No deviation noticed.
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	None	The lease area is bereft of any vegetation. Except for the plantation made by lessee.
8g	Survival rate	80%	75%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to control airborne dust by water sprinkling.	Same was noticed during the inspection.	No deviation noticed.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	All the environmental protection measures as proposed being implemented by the lessee.

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	----	The Monthly and annual returns being submitted regularly by the lessee.	No deviation noticed.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri ganesh and manoj Kumar are reported as Mining Engineer and Geologist as per the Annual return 2021-22.	The same was noticed during the inspection.	No deviation noticed.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per the Annual return the land use pattern is as follows Area under pit - 1.954 ha	Same was noticed during the inspection.	No deviation noticed.

9d	Scrutiny of Annual return on afforestation	340 saplings were planted during the year 2021-22.	Same was noticed during the inspection.	No deviation noticed.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	None	No mineral reject was reported during the year 2021-22.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The ROM reported during the year 2021-22 was 1,00,000 tonnes	Same was confirmed during the inspection.	No deviation.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported in the annual return 2021-22 was Rs.172.96 p/tonne for the year 2021-22.	Same was confirmed during the inspection.	No remarks to be made.
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported for the year 2021-22 was rS.185 crore rupees.	The same was not verified.	No remarks to be made.
9k	Scrutiny of Annual return on mining machineries	as per the Annual return 2021-22, One Back hoe, One air compressor and One drill machine along with two tippers were reported in the Annual return 2021-22	Same was noticed during the inspection.	No remarks to be made.

---

**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 :**

**(SHAIENDRA KUMAR)**

Indian Bureau of Mines