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MCDR inspection REPORT

Hyderabad regional office

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

Mine code : 38TNG08003

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN RAVULA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri J Srnivasa Raju, GM (Mines)
Official with
Designation
- (iv) Date of Inspection : 29-MAY-24
- (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

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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

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No such specific proposal.	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal for the year 2023-24	Nil	Entire mineralised area has been explored under G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	
1e	Balance reserve as on 01/04/20	As per the approved document dated 03.11.2020, the Limestone reserves are 6.46 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2024 are limestone: 6.20 mil.t.	
1f	General remarks of inspecting officers on geology, exploration etc		the regional geology of the ML area is forming part of the "palnad subbasin" of thick pile of sediments of the Kurnool group. the ML area falling at the northeastern end of the cuddapah basin which is repository of vast thickness of sediments of cuddapah group.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	one pit is proposed as a common boundary working the adajcenet lease of the same lesse during the period 2023-24.	one pit is deing developed as a common boundary working.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No topsoil, OB benches in mineral are generation is envisaged. benches in mineral are proposed.	maintained.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil
2d	Quantity of topsoil generation in m3	No proposal.	Nil
2e	Quantity of overburden generation in m3	No proposal.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		development is carried out by opencast mining method as proposed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	0.1 mil.t. during the year 2023-24.	0.0948 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	0.1 mil.t.	0.0948 mil.t.	
3d	Quantity of mineral reject generation	No proposal.	Nil	

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3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil
3f	Quantity of sub grade mineral generation.	No proposal.	Nil
3g	Grade of sub grade mineral generation	No proposal.	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Mechanised.
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	drilling and blasting is proposed.	drilling & blasting is carried out.
3k	Provision of mining machineries in mineral benches	excavator and dumper combination is proposed for excavation.	excavator and dumper combination is deployed for excavation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	7 m	maintained.
3m	Total area covered under excavation/pits	4.02 Ha at the end of plan period i.e. 2025-26.	3.114 ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil
3o	Total area put in use under different heads at the end of year	5.268 Ha at the end of plan period i.e. 2025-26.	4.378 ha

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3p	Production of ROM mineral during the last five year period as applicable	2023-24: 0.1 mil.t 2022-23: 0.1 mil.t 2021-22: 0.1 mil.t 2020-21: 0.099 mil.t 2019-20: 0.099 mil.t	2023-24: 0.0984 mil.t. 2022-23: 0.0953 mil.t 2021-22: 0.1 mil.t. 2020-21: 0.099 mil.t 2019-20: 0.0814mil.t.
3q	General remarks of inspecting officers on method of mining etc.		production is carried out from two pits by opencast mining method 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)	no topsoil, mineral reject, OB generation is envisaged.	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil	
4e	Number of active and alive dumps.	No proposal.	Nil	
4f	Number of dead dumps.	No proposal.	Nil	
4g	Number of dumps established.	No proposal.	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	
4j	Number of settling ponds	No proposal.	Nil	

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4k Specific comments of inspecting officer on waste dump management No OB/waste generation is envisaged.

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.	Nil.	
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
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	PMCP report to submitted before 1 st July.	not submitted till the date of inspection	advised the lessee to submit.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	0.055 ha during the year 2023-24.	0.23 ha	

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6d	No. of saplings planted during the year	120	580
6e	Cumulative no .of plants		3225
6f	Any other method of rehabilitation	No proposal.	Nil
6g	Cost incurred on watch and care during the year		Not assessed.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal.	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil

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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	No proposal.	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical.	mechanical.	
7c	Different grade of mineral sorted out at mines.	cement grade limestone	cement grade limestone	
7d	Any beneficiation process at mines	No proposal.	Nil	

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7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	entire ROM (limestone) of cement grade is used at captive plant.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	
8b	Concurrent use or storage of topsoil	No proposal.	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	120 nos	580 nos	
8g	Survival rate		70%	

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8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.

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 to be submitted as per rule 45 of MCDR, 2017	monthly returns submitted. annual return has not been submitted till the date of inspection.	advised the lessee to submit the annual return within stipulated time period.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not submitted till the time of inspection date.	Not applicable.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted till the time of inspection date.	Not applicable.	
9d	Scrutiny of Annual return on afforestation	Not submitted till the time of inspection date.	Not applicable.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not submitted till the time of inspection date.	Not applicable.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not submitted till the time of inspection date.	Not applicable.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not submitted till the time of inspection date.	Not applicable.	

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9h	Scrutiny of Annual return on fixed assets	Not submitted till the time of inspection date.	Not applicable.
9k	Scrutiny of Annual return on mining machineries	Not submitted till the time of inspection date.	Not applicable.

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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 :**(RAMKISHAN RAVULA)**

Indian Bureau of Mines