

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT 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 : Sri V Ramachandram, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 09/10/2021
- (v) Prev.inspection date : 09/12/2019

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 : ANJANI PORTLAND CEMENTS
correspondance : CHINTALAPALEM VILLAGE & MANDAL
TELANGANA STATE
3. (a) Lease Number :
(b) Lease area : 15 ha
(c) Period of lease : 50 years
(d) Date of Expiry : 01/01/2058
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

2c	Stripping ratio or ore to OB ratio	None	None	None
2d	Quantity of topsoil generation in m3	None	No topsoil was generated during the year 2020-21 as there is no topsoil in the lease.	No topsoil was generated as there is no topsoil in the lease.
2e	Quantity of overburden generation in m3	None	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	None	as there is no topsoil and overburden, no benches have been made.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit	One Pit	None
3b	Quantity of ROM mineral production proposed	100000 tonnes	99992 tonnes	The production reported is within the proposed quantity for the year 2020-21.
3c	Recovery of sailable/usable mineral from ROM production	---	The entire ROM is consumed in the cement plant of lessee.	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	None

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was proposed during the year 2020-21	No exploration was carried out during the year 2020-21	No exploration carried out during 2020-21
1b	Exploration over lease area for geological axis 1 or 2	There is no proposal for exploration during the year 2020-21	No exploration was carried out during 2020-21. The entire potentially mineralised area has been explored under G1 level	The entire potentially mineralised zone is explored under G1 level.
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 mineralised area is explored under G1 level.
1e	Balance reserve as on 01/04/20	---	The balance of reserves as on 1.4.2021 are 6.40 million tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	---	The entire potentially mineralised area has been explored under G1 level.	The entire potentially mineralised area has been explored under G1 level.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work between co-ordinates E-389822 and N-1852778 and E-389781 and N-1852706	The development is being carried out as proposed.	The development is being carried out as proposed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	As there is no proposal was made for benches in mineral	No benches were made in OB and topsoil as there is no OB and topsoil	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	It was proposed to carry out drilling with wagon drill of 115 mm dia.	The same was observed during the inspection.	None
3k	Provision of mining machineries in mineral benches	It was proposed to excavate and transport the mineral by using Back hoe and Tipper.	The same was observed during the inspection.	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The proposed height of the bench was 8 meters	The height of the bench as proposed being maintained.	None
3m	Total area covered under excavation/pits	---	1.383 ha	None
3n	Ore to OB ratio for the pit/mine during the year.	None	None	None
3o	Total area put in use under different heads at the end of year	---	The total area put to use under different heads is as follows: 1. Pits - 1.383 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - 1,00,000 tonnes 2017-18 - 1,00,000 tonnes 2018-19 - 80,100 tonnes 2019-20 - 99995 tonnes 2020-21 - 100000 tonnes	2016-17 - Nil 2017-18 - 500 tonnes 2018-19 - 53600 tonnes 2019-20 - 81499 tonnes 2020-21 - 99992 tonnes	The reported production is within the proposed quantities.
3q	General remarks of inspecting officers on method of mining etc.	---	None	The Mine being developed 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 overburden and topsoil in the lease,no benches were proposed	None	None
4b	Location of topsoil, OB and mineral reject dumps	---	As there is no overburden and topsoil in the lease,no benches were proposed	None
4c	Number of dumps within lease area and outside of lease area	---	None	As there is no overburden and topsoil in the lease,no benches were proposed
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
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	--	As there is no overburden and topsoil in the lease,no benches were proposed	As there is no overburden and topsoil in the lease,no benches were proposed

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 was proposed during 2020-21	No reclamation was carried out during 2020-21	No area matured for reclamation.
5b	Area under backfilling of mined out area	None	None	None

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	None

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).	---	The Annual report on PMCP submitted by the lessee within the stipulated timelines.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha) .	015 ha	0.15 ha	None
6d	No. of saplings planted during the year	224 no.s	260 no.s	None
6e	Cumulative no .of plants	---	1745 no.s	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	---	Rs.2,50,000/- per year as reported by lessee.	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x 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 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 quarterly monitoring of environmental parameters.	The lessee carried out quarterly monitoring of the environmental parameters regularly.	None

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	None	The lessee submitted the annual report on PMCP in time and carried out afforestation as proposed.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	It was proposed to utilise the entire ROM in the cement plant of lessee.	The entire ROM being consumed in the cement plant of lessee.	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	The entire ROM being consumed in the cement plant of lessee.	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	The entire ROM being consumed in the cement plant of lessee.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	As there is no topsoil, no proposal was made for handling topsoil.	No topsoil was generated during the year 2020-21.	None
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)	---	During the inspection it was noticed that except for the plantation made by lessee, no other plantation was noticed.	None
8g	Survival rate	70%	70%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to control the dust by water sprinkling.	The dust suppression being carried out by water sprinkling.	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	The general aesthetic beauty is at average level and needs to be improved.	None

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 are submitted regularly.	None

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2020-21, sri G Gamesh and sri Manoj Kumar were reported as Statutory Mining Engineer and geologist respectively	The same was noticed durning the inspection.	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The area under pit as reported in the annual return 2020-21 was 1.383 ha	the same was noticed durning the inspection.	None
9d	Scrutiny of Annual return on afforestation	as per the Annual return 2020-21, a total of 260 no.s saplings were planted durning the year 2020-21.	Durning the inspection, the same was confirmed.	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject reported in the Annual return	No mineral reject generated durning 2020-21.	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per the Annual return the ROM produced was 99992 tonnes	The same was confirmed durning the inspection.	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	In thye Annual return 2020-21, the ex-mine price reported was rs.248.29 per tonne	The same was confirmed durning the inspection.	None
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported in the annual return 2020-21 was Rs. 199 crores	No scrutiny was carried out.	None

9k	Scrutiny of Annual return on mining machineries	In the Annual return 2020- 21, the mining machinery reported is as follows: 1. Back Hoe - 1 no. 2. Air compressor - 1 no. 3. Rock Drill - 1 no. 4. Tippers - 3 no.s	Duirng the inspection, the same was confirmed.	None
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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 :

(SHAIKENDRA KUMAR)

Indian Bureau of Mines

