

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/NLG/LST-24/HYD

Mine code : 38APR14030

- (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 : 08/10/2021
- (v) Prev.inspection date : 08/10/2020

PART-I : GENERAL INFORMATION

1. (a) Mine Name : ANJANI
- (b) Registration NO. : IBM/8493/2012
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : TELANGANA
- District : NALGONDA
- Village : CHINTALAPALEM
- Taluka : MELLA CHERUVU
- Post office : GUDIMALKAPURAM
- Pin Code : 500082
- FAX No. : 9140-23353093
- E-mail : mines@anjanicement.com
- Phone : 08683-230168
- (f) Police Station : CHINTALAPALEM
- (g) First opening date : 15/12/1999
- (h) Weekly day of rest : SUN
2. Address for : CHINTAPALEM VILLAGE
correspondance MELLACHERVU MANDAL
NALGONDA DISTRICT
3. (a) Lease Number : APR0524
- (b) Lease area : ~~25.99~~ 57.54
- (c) Period of lease : 50
- (d) Date of Expiry : ~~25/09/2043~~
14-06-2040
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
ANJANIPURAM, GUDIMALKAPURAM
CHINTALAPALEM SURYAPET
DISTRICT, TELANGANA STATE
NALGONDA TELANGANA
Phone:
FAX :

Mining Engineer

Name : J SRINIVASA RAJU, Full Time
Qualification : BTECH (MINING)
Appointment/ :
Termination date

Geologist

Name : P ARAVIND, Full Time
Qualification : MSC GEOLOGY
Appointment/ :
Termination date

Manager

Name : V. RAMACHANDRAM
Qualification : DIPLOM IN MINING
Appointment/ : 05/06/2007
Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Modif.of approved Mining Plan	02/06/2003
		Mining Scheme rule 12 MCDR1988	21/02/2005
		Renewal under rule 24 MCR1960	14/02/2012
		MP modif under MCR 1960	21/08/2015
		MP modif under 17(3) MCR 2016	20/08/2018
		MP review under 17(1) MCR 2016	30/01/2020

2c	Stripping ratio or ore to OB ratio	Nil	Nil	None
2d	Quantity of topsoil generation in m3	None	None	None
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	None	None

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	None
3b	Quantity of ROM mineral production proposed	1.17 Million tonnes	0.86 Million tonnes.	None
3c	Recovery of sailable/usable mineral from ROM production	It is proposed to consume the entire ROM in the cement plant of lessee.	The same was noticed duirng the inspection.	None
3d	Quantity of mineral reject generation	None	None	There is no proposal for generation of mineral rejects.
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no proposal for exploration during the year 2020-21	No exploration was carried out during the year 2020-21	None
1b	Exploration over lease area for geological axis 1 or 2	---	The entire Potentially mineralised zone is explored at g1 level	None
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	None
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2021 are 14.80 Million tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	The entire potentially mineralised area is covered 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 gridlines N389150-N389221 and E1853868 - E1853877	The development being carried out as proposed.	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to work in second, third and fourth benches.	The development being done as proposed.	None

3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	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 and blasting with burden of 3 meters and spacing of 3.5 meters. The blasting is proposed to be carried out by using ANFO and Slurry explosives.	The same was confirmed during the inspection.	None
3k	Provision of mining machineries in mineral benches	It was proposed to excavate and transport the mineral by using the HEMM.	The same was noticed during the inspection.	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It is proposed to maintain a height of 6-7 meters bench height.	The actual bench height being maintained was more than the proposed bench height.	A violation letter was issued for the same.
3m	Total area covered under excavation/pits	---	32.244 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 area under pits is 32.244 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - 1.5 million tonnes 2017-18 - 1.5 million tonnes 2018-19 - 1.5 million tonnes 2019-20 - 1.5 million tonnes 2020-21 - 1.18 million tonnes	2016-17 - 1.0 Million tonnes 2017-18 - 1.10 million tonnes 2018-19 - 1.11 million tonnes 2019-20 - 0.96 million tonnes 2020-21 - 0.86 million tonnes	The production quantity is within the limits of proposed quantity.
3q	General remarks of inspecting officers on method of mining etc.	---	The Actual bench height being maintained is more than the proposed bench height.	A violation letter issued for the same.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	None	None	As there is no OB and topsoil, no proposals were made for handling the same.
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 OB and topsoil, no proposals were 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.	None	None	None
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	As no area is matured for reclamation, no reclamation was carried out till date
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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 being submitted by the lessee regularly to this office.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	0.27 ha	0.28 ha	None
6d	No. of saplings planted during the year	850 no.s	880 no.s	None
6e	Cumulative no .of plants	---	11662 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/- duirng 2020-21.	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 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
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out monitoring of environmental parameters every quarter.	Monitoring of environmental parameters being carried out every quarter in both core and buffer zone.	None

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	None
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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 utlise the entire ROM in the cement plant of lessee	The same was noticed duiring the inspection	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	The entire ROM is being crushed and supplied to cement plant of lessee.
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 produced is being consumed in the cement plant of lessee.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	As there are is no topsoil and OB, no proposals for handling the waste and topsoil were proposed.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	---	The Lessee is submitting the Annual and Monthly reports regularly.	None
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2020-21, Sri J Srinavas Raju and Sri P Aravind are reported as Mining Engineer and Geologist respectively.	The same was confirmed duiring the inspection.	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The area covered under pits as per Annual return 2020-21 is 32.244 ha	The same was confirmed duiring the inspection.	None
9d	Scrutiny of Annual return on afforestation	It was reported in the Annual return 2020-21 that about 880 saplings have been planted during the said year.	The same was noticed duiring the inspection.	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	There is generation of mineral rejection in the lease.

8a	Separate removal and utilization of topsoil (Rule 32)	As there is no topsoil, no proposal was made for handling the same.	Not Applicable	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)	---	Except for the plantation made by lessee, no other vegetation was noticed.	None
8g	Survival rate	--	76%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to control the dust by using water sprinklers.	The same was noticed during the inspection.	None

9f	Scrutiny of Annual return on ROM stock and/or graded ore	The ROM produced during the year 2020-21 was 0.86 Million tonnes	The same was confirmed during the inspection.	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported in the Annual return 2020-21 was Rs.241.47 per tonne	The same was confirmed during the inspection.	None
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported in the Annual return was Rs.1.97 crores	The same was not verified.	None
9k	Scrutiny of Annual return on mining machineries	The details of Mining machinery reported in the Annual return 2020-21 is as follows: 1. Back Hoe - 3 no.s 2. Air compressor - 2 no.s 3. Rock drill - 1 no. 4. Tipper - 15 no.s 5. Pumps - 3 no.s	The same was confirmed during the inspection.	None

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
MCDR17	Rule 11(1)	22/10/2021			
MCDR17	Rule 31(1)	22/10/2021			

Date :**(SHAIENDRA KUMAR)**

Indian Bureau of Mines