

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-33/HYD

Mine code : 38APR14052

- (i) Name of the Inspecting : **M015**) **MANISH K. MAINDIRATTA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 12/07/2018
- (v) Prev.inspection date : 10/03/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GUDIMALKAPURAM(4.75 HA)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : **TELANGANA**
District : **NALGONDA**
Village : **GUDIMALKAPURAM**
Taluka : **MELLACHERUVU**
Post office : **GUDIMALKAPURAM**
Pin Code : **508246**
FAX No. : **08683-230024**
E-mail : **vr@anjanicement.com**
Phone : **08683-230168**
- (f) Police Station : **MELLACHERVU**
- (g) First opening date : **09/05/2009**
- (h) Weekly day of rest : **SUN**
2. Address for : **CHINTAPALEM VILLAGE**
correspondance : **GUDIMALKAPURAM POST**
MELLACHERVU VILLAGE
3. (a) Lease Number : **APR2903**
- (b) Lease area : **4.75**
- (c) Period of lease : **20**
- (d) Date of Expiry : **29/10/2028**
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

Mining Engineer

Name : J.SREENIVASA RAJU,Full Time
 Qualification : B.E (MINING)
 Appointment/ :
 Termination date

Manager

Name : SRI V.RAMACHANDRAM
 Qualification : DIPLOMA IN MINING ENGINEERING
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20/01/2015
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	20/11/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	
1b	Exploration over lease area for geological axis 1 or 2		G1- 3.34 hectare G4- 1.41 hectare	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	---	
1d	Balance area to be explored to bring Geological axis in 1 or 2		NIL	1.41 hectare is falling under statutorily blocked zone is pending for exploration
1e	Balance reserve as on 01/04/20		proved reserves under 111 category= 899963 tonne Remaining resource under 221= 948938 tonnes Remaining resource under 334= 594562 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc		The pit is water logged on the day of inspection. no working is there on the site.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N21028-N21162 & E 14654-14795	NIL	The mine is not working due to environmental reasons.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)		No top soil or overburden bench is visible in the mine development area .	
2c	Stripping ratio or ore to OB ratio		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	The mine is not working due to environmental reasons.
----	---	---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	116963 Tonnes	1121 Tonnes	The mine is not working due to pending Environment Clearance is reportedly under temporary discontinuance.
3c	Recovery of sailable/usable mineral from ROM production		100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.		NIL	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NIL`	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM		Not applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.		---	

3j	Provision of drilling and blasting in mineral benches	Proposed	worked accordingly.
3k	Provision of mining machineries in mineral benches		The machinery is reportedly used as proposed but the pit is found to be water logged at present
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	5m bench height proposed.	pit is water logged
3m	Total area covered under excavation/pits	2.598 hectare	2.24 hectare appx.
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL
3o	Total area put in use under different heads at the end of year		Area under pit- 2.24 hectare roads - 0.006 hectare
3p	Production of ROM mineral during the last five year period as applicable	2013-14= 2014-15= 138699T 2015-16 =159000 T 2016-17 = 154075T 2017-18= 116963 T	2013-14= 38470 T 2014-15= 21000 T 2015-16 =141500 T 2016-17 = 74091 T 2017-18= 1121 T

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal		There exists no top soil OB or mineral rejects.
4b	Location of topsoil, OB and mineral reject dumps	NA	NIL	
4c	Number of dumps within lease area and outside of lease area	NIL	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

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 generation of top soil reported.	
5d	Total area fully reclaimed and rehabilitated	No proposal	NIL	

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).		Submitted	
6b	Area available for rehabilitation (ha) .		NO proposal	NIL
6c	afforestation done (ha).	195 saplings in 2017-18	100 saplings planted with very less within lease area.	Survival is very poor.
6d	No. of saplings planted during the year		100 saplings planted with very less survival within lease area.	
6f	Any other method of rehabilitation	No proposal	NIL	
6g	Cost incurred on watch and care during the year		-----	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x 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 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.		----	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	NIL	No waste land exists within Mining Lease.
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)		Carried out as proposed.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	116963T	1121 T despatched for cement production in 2017-18.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.		No sorting required and done.	
7c	Different grade of mineral sorted out at mines.		NO grade wise sorting required in the instance case	
7d	Any beneficiation process at mines		Entire mineral is used without any sorting or benefeciation.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)		No top soil dump is there in the lease. and no such top soil generation is reported in 2017-18.	
8b	Concurrent use or storage of topsoil	Proposed	Nil generation reported	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		No separate dump of top soil mineral reject or fines is seen in the lease area.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		due to lack of overburden, waste rock or fines dump the restoring of land to original use is not possible.	
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)		Survival of plants afforested within the lease is very less.	
8h	Water sprinkling on roads to control airborne dust		provison of water sprinkling is there. Pumps have been found to be installed in the lease.	

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 being submitted.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mining Engineer and Geologist are appointed.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	submitted	Broadly as per submission.	
9d	Scrutiny of Annual return on afforestation	100 saplings with 50% survival within lease 1000 saplings with 50% survival	Survival was found to be less.	Survival at the time of inspection was found to be very less
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)		Nil reported and observed	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		Open Cast Workings ROM opening balance 0.000 T Production ROM 1121.000 T closing balance ROM 0.000T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		Cost of Production - Rs 169 PMT	
9h	Scrutiny of Annual return on fixed assets	submitted		
9k	Scrutiny of Annual return on mining machineries		BACK HOE 0.900 CUM 1 AIR COMPRESSOR 455.000 CUM/MN 1 ROCK DRILL 115.000 MM 1 TIPPER 17.000 CUM 4	

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 :

(MANISH K. MAINDIRATTA)

Indian Bureau of Mines