

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

MCDR INSPECTION REPORT

Hyderabad regional office

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

Mine code : 38APR04024

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Ramasubba Reddy
Official with
Designation
- (iv) Date of Inspection : 15/10/2016
- (v) Prev.inspection date : 15/11/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GIDDANGIVARIPALLI(3.935 H**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : CUDDAPAH
Village : GIDDANGIVARIPALLI
Taluka : VEMPALLI
Post office : GIDDANGIVARIPALLI
Pin Code :
FAX No. :
E-mail : mbrmines@gmail.com
Phone : 9640255206
- (f) Police Station : VEMPALLI
- (g) First opening date : 02/07/2003
- (h) Weekly day of rest : SUN
2. Address for : M.BHASKER REDDY,GIDDANGIVARIPALLY VILLAGE
correspondance VEMPALLI MANDAL-516350,
KADAPA DISTRICT,ANDHRA PRADESH
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M.BHASKER REDDY
GIDDANGIVARIPALLI VILLAGE
CUDDAPAH ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 02/03/2002
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	No exploration was carried out during the year 2015-16.	The lessee has no approved document.A Violation cum show cause notice was issued for rules 12(3),13(1).
1b	Exploration over lease area for geological axis 1 or 2	None	There are four pits observed during the inspection with following dimensions: 1.3x2x4m 2.4x2x3m 3.3x2x4m 4.3x2x5m	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	1.2 ha	None
1e	Balance reserve as on 01/04/20	None	the reserves as on 1.4.2016 are 1,83,440 Tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	None

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	None	Four pits have been noticed in the middle and north of the lease	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	There are separate benches in ore and overburden	None
2c	Stripping ratio or ore to OB ratio	None	None	None

2d	Quantity of topsoil generation in m3	None	None	None
2e	Quantity of overburden generation in m3	None	No returns or other figures submitted by the lessee for generation of overburden as such it cannot be calculated.	A violation cum show cause letter has been issued to lessee for 12(3),13(1),45(5)(a) & 45(5)(b) of MCDR,1988.
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	None	Four pits have been observed from where production is bein made.	None
3b	Quantity of ROM mineral production proposed	None	During the year 2015-16 1500 Tonnes has been produced.	None
3c	Recovery of sailable/usable mineral from ROM production	None	None	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	Manual method has been noticed in the lease.	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	None	None	None
3k	Provision of mining machineries in mineral benches	None	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	None	None	None
3m	Total area covered under excavation/pits	None	0.17 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	None	0.25 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2011-12-Nil 2012-13-Nil 2013-14-Nil 2014-15-Nil 2015-16-Nil	2011-12-Nil 2012-13-Nil 2013-14-6500 Tonnes 2014-15-1060 Tonnes 2015-16-1500 Tonnes	None
3q	General remarks of inspecting officers on method of mining etc.	None	None	None

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	None	Overburden is being dumped seperately.	None

4b	Location of topsoil, OB and mineral reject dumps	None	Seperate dumps have been made for OB/Topsoil	None
4c	Number of dumps within lease area and outside of lease area	None	One topsoil dump was noticed duirng the inspection	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	One waste dump and one topsoil dumps were noticed on North and Eastern side of the leases.	None
4e	Number of active and alive dumps.	None	One active dump was noticed.	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	One dump was established	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	None

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	No reclamation was carried out during the year 2015-16	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	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).	None	None	Violation for rule 23E(2) of MCDR 1988 was issued to the lessee.
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	None	70 No.s	None
6d	No. of saplings planted during the year	None	None	None
6e	Cumulative no .of plants	None	70 No.s	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	None	it was reported by the lessee that he has incurred a expenditure of Rs60000/- towards watch and ward.	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
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)	None	None	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	None	It was reported that duiring the year 2015-16,1500 tonnes of ROM was produced.	None
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	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	None

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	Topsoil being generated is being stacjed seperately.	None
8b	Concurrent use or storage of topsoil	None	None	None

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	Seperate dump for topsoil/OB were noticed.	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	None
8g	Survival rate	None	60%	None
8h	Water sprinkling on roads to control airborne dust	None	None	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	Violation letter for rule 13(1), 23E(2) and monthly and annual returns were issued

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Violation cum show cause notice issued to the lessee for non submission of monthly and annual returns	None	Nil

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None	Nil	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	None	Nil	Nil
9d	Scrutiny of Annual return on afforestation	None	Nil	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	None	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	None	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	None	Nil	Nil

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
Rule 12(3)	25/10/2016				
Rule 13(1)	25/10/2016				
Rule 23E(2)	25/10/2016				
Rule 45(5)(a)	25/10/2016				
Rule 45(5)(b)	25/10/2016				

Date :

(A.V.Ramesh Kumar)

Indian Bureau of Mines