

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/GNR/L.ST-45/HYD

Mine code : 38APR07045

- (i) Name of the Inspecting : **RA15**) **Rajesh Kumar Das**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri Gudi Venu Gopal, Agent
Official with
Designation
- (iv) Date of Inspection : 14/03/2016
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

- 1. (a) **Mine Name** : **NADIKUDI LEASE -2**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : **ANDHRA PRADESH**
District : **GUNTUR**
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 01/07/2003
- (h) Weekly day of rest : SUN
- 2. Address for :
correspondance :
- 3. (a) Lease Number : **APR2601**
- (b) Lease area : **6.63**
- (c) Period of lease : **20**
- (d) Date of Expiry : **18/12/2013**
- 4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : M/S ANDHRA CEMENTS LTD
SRI DURGA CEMENT WORKS
DURGAPURAM GUNTUR GUNTUR
ANDHRA PRADESH
Phone:08649-57429,08649-57430
FAX :08649-57429

Owner : P.C.NALWAYA
ANDHRA CEMENTS LTD,DURGA
CEMENT
WORKS,DURGAPURAM,DACHEPALLI
, GUNTUR ANDHRA PRADESH
Phone:
FAX :

Agent : S.V.S.SHETTY
ANDHRA CEMENTS LTD.,
CHANDRALOK COMPLEX,
S.D.ROAD, SECUNDERABAD.
HYDERABAD TELANGANA
Phone:
FAX :

6. Date of approval of Mining Plan/Scheme of Mining : MP modif under MCR 1960

14/12/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	15 core bore holes proposed.	Nil	
1b	Exploration over lease area for geological axis 1 or 2	15 core bore holes.	No exploration done.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	no proposal.	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2		No exploration done but some area is exposed due to old pits.	
1f	General remarks of inspecting officers on geology, exploration etc		massive sedimentary deposit but the area has to explore properly depthwise to established reserves.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	N-NW boundary of ML	No mining done.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	NA	
2c	Stripping ratio or ore to OB ratio	No OB generation	NA	No Mining Activity.
2d	Quantity of topsoil generation in m3	800 m3 for scheme period.	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		No development in 2014-15.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit.	No working.	
3b	Quantity of ROM mineral production proposed	38738 MT	Nil	
3c	Recovery of sailable/usable mineral from ROM production	100%	NA	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	jack hammer drilling of 32 mm and blasting with ANFO & slurry.	NA	
3k	Provision of mining machineries in mineral benches	Machineries proposed shovel tipper combination.	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 meter in mineral.	NA	

3m	Total area covered under excavation/pits	0.184 ha. for 2014-15 freshly broken area.	No working.
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	0.184 ha. area for pits & 0.502 ha. for plantation.	Nil
3p	Production of ROM mineral during the last five year period as applicable	2010-11:60000 MT,2011-12:60000 MT,2012-13:no proposal,2013-14:7789 MT,2014-15:38738 MT	No mining activity from 2002-03 to 2006-07 & also during scheme period 2007-08 to 2011-12.
3q	General remarks of inspecting officers on method of mining etc.		No mining activity.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No OB and mineral reject & top soil generation also negligible.	Nil	
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
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)	NA	NA	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA
4i	Length of Retaining wall or garland drain all along dumps	NA	NA
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		No waste generation.

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.	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	Area not matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		area not not matured for backfilling.	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		Not submitted.
6b	Area available for rehabilitation (ha) .	Nil	Nil
6d	No. of saplings planted during the year	750 nos saplings.	Nil
6e	Cumulative no .of plants		Nil
6f	Any other method of rehabilitation	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area		NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation		Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring	not reported.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	No production in 2014-15.
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No development and production.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	no specific yearwise proposal given but 800 m3 given for entire scheme period.	Nil	

8b	Concurrent use or storage of topsoil	for afforestation.	NA
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	250 nos saplings in 2013-14 & 750 nos in 2014-15.	Nil
8g	Survival rate	Not mentioned.	NA
8h	Water sprinkling on roads to control airborne dust	proposal given.	No mining activity therefore no execution.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		No mining activity.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR upto feb'2016 & AR upto 2014-15.		

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not furnished any detail.No mining Engineer & no geologist.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	o/c working- 11.78 ha.	
9d	Scrutiny of Annual return on afforestation	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	No production.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	
9h	Scrutiny of Annual return on fixed assets	Nil	
9k	Scrutiny of Annual return on mining machineries	No machineries detail.	

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 :

(Rajesh Kumar Das)

Indian Bureau of Mines