

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/GNR/LST-20/HYD

Mine code : 38APR07001

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : B.Narsimhulu Mines Manager,Ram Laxman Asst. Mines Man
Official with
Designation
- (iv) Date of Inspection : 16/01/2017
- (v) Prev.inspection date : 16/11/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : GAMALPADU(DCW611/18)170.2
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : GAMALAPADU
- Taluka : DACHEPALLI
- Post office : DACHEPALLI
- Pin Code : 522414
- FAX No. : 08649-57429
- E-mail : balu ruk@yahoo.com
- Phone : 08649-57429
- (f) **Police Station** :
- (g) **First opening date** : 21/03/1983
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : ANDHRA CEMENTS LTD, DCW, DURGAPURAM
DACHEPALLI
GUNTUR DT.
3. (a) **Lease Number** : APR1100
- (b) **Lease area** : 170.22
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 19/04/2018
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : ANDHRA CEMENTS LTD.
 II FLOOR, CHANDRALOK
 COMPLEX III, S.D.ROAD,
 SECUNDERABAD. HYDERABAD
 TELANGANA
 Phone:3399781
 FAX :040-3394147

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

Agent : T.V. RAMANA MURTHY
 Andhra Cements Ltd,
 Chandralok Complex,
 Secunderabad. GUNTUR ANDHRA
 PRADESH
 Phone: 040-66260110-113
 FAX : 040-27892578

Manager
 Name : D.SOMIAIAH
 Qualification :
 Appointment/ : 05/11/2001
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	24/11/1998
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	21/06/2004
		Modif.approved Mining Scheme	31/05/2007
		Mining Scheme rule 12 MCDR1988	23/09/2008
		MP modif under MCR 1960	20/03/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	22 Bore holes	14 Bore holes.	8 Bore holes location is un reachable.
1b	Exploration over lease area for geological axis 1 or 2	120.94 ha	117.79 ha.	8 Bore holes location is un reachable.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Specified.	Rs= 8,49,815.	Rs =8,49,815.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	Nil
1e	Balance reserve as on 01/04/20	No proposal.	51.20 Million Tones.	51.20 Milliom Tones.
1f	General remarks of inspecting officers on geology, exploration etc	22 Bore holes	14 bore holes.	8 Bore holes location is un reachable.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit No 01North.	Pit No 01 North.	Pit No01 North.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil	Nil
2c	Stripping ratio or ore to OB ratio	Not Specified.	Nil	Nil
2d	Quantity of topsoil generation in m3	No proposal.	Nil	Nil
2e	Quantity of overburden generation in m3	No proposal.	Nil	Nil

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Pit No01 North.	Pit No01 North.	Pit No01 North.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two	Two	Two.
3b	Quantity of ROM mineral production proposed	3.00 Million Tones/per year.	0.98 Million Tones.	0.98 Million Tones.
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Nil	Nil
3d	Quantity of mineral reject generation	No proposal.	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	Nil
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	Nil
3g	Grade of sub grade mineral generation	No proposal.	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	As per Approved Mining plan.	As per Approved Mining plan.	As per Approved Mining plan.

3k	Provision of mining machineries in mineral benches	As per Approved Mining plan.	As per Approved Mining plan.	As per Approved Mining plan.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Ob, Bench height in Mineral is 8 Mts. Three benches.	No Ob, Bench height in Mineral is 8 Mts. Three benches.	3rd bench is water logged.
3m	Total area covered under excavation/pits	72.39 ha.	72.39 ha	72.39 ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil	Nil
3o	Total area put in use under different heads at the end of year	No proposal.	Nil.	Nil.
3p	Production of ROM mineral during the last five year period as applicable	2011-12 =3000000 T; 2012-13 =3000000 T ; 2013-14 =No proposal; 2014-15 =1316805 T; 2015-16 =3000020 T;	2011-12 =Nil; 2012-13 =106535T ; 2013-14 =555000T; 2014-15 =838825T ; 2015-16 =975962 T;	2011-12 =Nil; 2012-13 =106535T ; 2013-14 =555000T; 2014-15 =838825T ; 2015-16 =975962 T;
3q	General remarks of inspecting officers on method of mining etc.	Open cast Mechanaised Method.	Open cast Mechanaised Method.	Open cast Mechanaised Method.

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.	Nil	Nil
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil	Nil

4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil	Nil
4e	Number of active and alive dumps.	No proposal.	Nil	Nil
4f	Number of dead dumps.	No proposal.	Nil	Nil
4g	Number of dumps established.	No proposal.	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	Nil
4j	Number of settling ponds	No proposal.	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	No proposal.	Nil	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	Nil
5b	Area under backfilling of mined out area	No proposal.	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	Nil

5d	Total area fully reclaimed and rehabilitated	no proposal.	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Nil	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 before !st July.	Submitted before !st July.	Submitted before !st July.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Nil
6c	afforestation done (ha).	1,926 ha	1,650 ha	1.650 ha.
6d	No. of saplings planted during the year	7595 Nos.	2015 Nos.	2015 Nos.
6e	Cumulative no .of plants	7595 Nos.	2015 Nos.	2015 Nos.
6f	Any other method of rehabilitation	No proposal.	Nil	Nil
6g	Cost incurred on watch and care during the year	Rs= 1,11,325 /	Rs= 91,125 /	Rs= 91,125 /
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	Nil

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	No proposal.	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal.	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal.	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	As per Approved Mining Plan.	As per Approved Mining Plan.	As per Approved Mining Plan.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	As per Approved Mining Plan.	As per Approved Mining Plan.	As per Approved Mining Plan.

Mineral Conservation:

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

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	Nil
8b	Concurrent use or storage of topsoil	No proposal.	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	Nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	Nil	Nil
8g	Survival rate	80%	605	60%
8h	Water sprinkling on roads to control airborne dust	As per Approved Mining Plan.	As per Approved Mining Plan.	As per Approved Mining Plan.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except degraded land rest of area not Distrubed.	Except degraded land rest of area not Distrubed.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted within time as per Rule.	Submitted within time as per Rule.	Submitted within time as per Rule.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes.	yes.	Yes.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes.	yes.	Yes.
9d	Scrutiny of Annual return on afforestation	yes.	Yes.	Yes.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	yes	yes	yes
9h	Scrutiny of Annual return on fixed assets	yes.	yes	yes.
9k	Scrutiny of Annual return on mining machineries	yes.	yes.	yes.

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 :

(P.GURUVAIAH)

Indian Bureau of Mines