

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/GNR/LST-48/HYD

Mine code : 38APR07054

- (i) Name of the Inspecting : **PG01**) **P.GURUVAIAH**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : J.Rama Krishna ,Dy.General Manager,(Mines).
Official with
Designation
- (iv) Date of Inspection : 20/01/2017
- (v) Prev.inspection date : 20/03/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KRISHNA LIMESTONE MINE(57**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : GUNTUR
Village : TANGEDA
Taluka : DACHEPALLE
Post office : TANGEDA
Pin Code : 522414
FAX No. : 08649273819
E-mail : mines.bhavyacements@gmail.
Phone :
- (f) Police Station : Dachepalli
- (g) First opening date : 02/04/2012
- (h) Weekly day of rest : SUN
2. Address for : M/s. Bhavya Cements Limited,
correspondance Tangeda(Village), Dachepalli(Mandal)
Guntur district,AP-522414
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/S BHAVYA CEMENTS LTD
A-1,2ND FLOOR, BHAVYA'S
SPOORTHY BHAVAN JUBILEE
HILLS HYDERABAD TELANGANA
Phone:040-23558384
FAX :040-23558393

6. Date of approval of Mining : Fresh under rule 22 MCR1960 23/02/2010
Plan/Scheme of Mining : MP modif under 17(3) MCR 2016 03/11/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	Nil	Mine development work is going on.
1b	Exploration over lease area for geological axis 1 or 2	NA	Nil	Mine development work is going on.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	Nil	Mine development work is going on.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	Nil	Mine development work is going on.
1e	Balance reserve as on 01/04/20	17.71 Million Tonnes.	17.71 Million Tonnes.	Mine development work is going on.
1f	General remarks of inspecting officers on geology, exploration etc	NA	Nil	Mine development work is going on.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	As per Approved mining plan.	Nil	Mine development work is going on.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	Nil	Mine development work is going on.
2c	Stripping ratio or ore to OB ratio	1 : 0.098	Nil	Mine development work is going on.
2d	Quantity of topsoil generation in m3	NA	Nil	Mine development work is going on.
2e	Quantity of overburden generation in m3	1004 cum	100 cum.	Mine development work is going on.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	Nil	Mine development work is going on.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	Mine development work is going on.
3b	Quantity of ROM mineral production proposed	25504 Tones	Nil	Mine development work is going on.
3c	Recovery of sailable/usable mineral from ROM production	NA	Nil	Mine development work is going on.
3d	Quantity of mineral reject generation	NA	Nil	Mine development work is going on.
3e	Grade of mineral rejects generation and threshold value declared.	NA	Nil	Mine development work is going on.
3f	Quantity of sub grade mineral generation.	NA	Nil	Mine development work is going on.
3g	Grade of sub grade mineral generation	NA	Nil	Mine development work is going on.
3h	Manual / Mechanised method adopted for segregating from ROM	NA	Nil	Mine development work is going on.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	Nil	Mine development work is going on.
3j	Provision of drilling and blasting in mineral benches	yes	Nil	Mine development work is going on.

3k	Provision of mining machineries in mineral benches	Yes	Nil	Mine development work is going on.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	Nil	Mine development work is going on.
3m	Total area covered under excavation/pits	0.12 ha	Nil	Mine development work is going on.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.098	Nil	Mine development work is going on.
3o	Total area put in use under different heads at the end of year	0.94 ha	0.82 ha	Mine development work is going on.
3p	Production of ROM mineral during the last five year period as applicable	2011-12 = Nil ; 2012-13 = 1 M.T ; 2013-14 = 2 M.T ; 2014-15 = 1.8 MT ; 2015-16 =	2011-12 = Nil ; 2012-13 = 12000 T ; 2013-14 = 5000 T ; 2014 -15 = 3000T ; 2015-16 =	Mine development work is going on.
3q	General remarks of inspecting officers on method of mining etc.	Semi mechanized.	Nil	Mine development work is going on.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	North side of the Mining lease area.	Nil	Mine development work is going on.
4b	Location of topsoil, OB and mineral reject dumps	Northern side of the Mining lease area.	Nil	Mine development work is going on.
4c	Number of dumps within lease area and outside of lease area	NA	Nil	Mine development work is going on.

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Northern side of the mining lease area.	Nil	Mine development work is going on.
4e	Number of active and alive dumps.	NA	Nil	Mine development work is going on.
4f	Number of dead dumps.	NA	Nil	Mine development work is going on.
4g	Number of dumps established.	NA	Nil	Mine development work is going on.
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	Mine development work is going on.
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	Mine development work is going on.
4j	Number of settling ponds	Nil	Nil	Mine development work is going on.
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	Mine development work is going on.

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.	Nil	Nil	Mine development work is going on.
5b	Area under backfilling of mined out area	NA	Nil	Mine development work is going on.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	Nil	Mine development work is going on.
5d	Total area fully reclaimed and rehabilitated	NA	Nil	Mine development work is going on.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	Nil	Mine development work is going on.
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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).	yes	yes	Mine development work is going on.
6b	Area available for rehabilitation (ha) .	NA	Nil	Mine development work is going on.
6c	afforestation done (ha).	NA	Nil	Mine development work is going on.
6d	No. of saplings planted during the year	NA	Nil	Mine development work is going on.
6e	Cumulative no .of plants	NA	Nil	Mine development work is going on.
6f	Any other method of rehabilitation	NA	Nil	Mine development work is going on.
6g	Cost incurred on watch and care during the year	Nil	Nil	Mine development work is going on.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	Nil	Mine development work is going on.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	Nil	Mine development work is going on.

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

Mineral Conservation:

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

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Using bed for the plantation within 7.5 mts barrier along the lease boundary.	Using bed for the plantation within 7.5 mts barrier along the lease boundary.	Mine development work is going on.
8b	Concurrent use or storage of topsoil	Using bed for the plantation within 7.5 mts barrier along the lease boundary.	Using bed for the plantation within 7.5 mts barrier along the lease boundary.	Mine development work is going on.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	Nil	Mine development work is going on.

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	Mine development work is going on.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	Nil	Mine development work is going on.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	As per proposal in the approved mining plan.	As per proposal in the mining plan	Mine development work is going on.
8g	Survival rate	80%	85%	Mine development work is going on.
8h	Water sprinkling on roads to control airborne dust	12 KL water tanker used for sprinkling of water on transportation of haul roads ,dry fag system on crusher and Blasting muck file wetting.	12 KL water tanker used for sprinkiling of water on transportation of haul roads ,dry fag system on crusher and Blasting muck file wetting.	Mine development work is going on.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Except degraded area and other Aesthetic beauty is not effect.	Except degraded area and other Aesthetic beauty is not effect.	Mine development work is going on.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per rule 45	A retuns submitted within time.	Mine development work is going on.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes	yes	Mine development work is going on.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	Nil	Mine development work is going on.
9d	Scrutiny of Annual return on afforestation	yes	yes	Mine development work is going on.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	Nil	Mine development work is going on.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	Nil	Mine development work is going on.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	Nil	Mine development work is going on.
9h	Scrutiny of Annual return on fixed assets	NA	Nil	Mine development work is going on.
9k	Scrutiny of Annual return on mining machineries	Yes	Yes	Mine development work is going on.

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 :

(P.GURUVAIAH)

Indian Bureau of Mines