

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/GNR/LST-21/HYD

Mine code : 38APR07013

- (i) Name of the Inspecting : ~~P601~~) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : RI.B.GURU SEKHAR REDDY, MINES MANAGER, SRI G.RAMESH,
Official with
Designation
- (iv) Date of Inspection : 13/03/2018
- (v) Prev.inspection date : 21/01/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : PETASANNIGANDLA
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : PETASANNIGGANDLA
- Taluka : GURUZALA
- Post office : KAREMPUDI
- Pin Code : 522614
- FAX No. :
- E-mail :
- Phone : 08649-272254
- (f) **Police Station** : KARAMPUDI
- (g) **First opening date** : 21/12/1982
- (h) **Weekly day of rest** : SUN
2. **Address for** : PETASANNIGANDLA Limestone MINE
correspondance KARAMPUDI
GUNTUR DIST
3. (a) **Lease Number** : APR1340
- (b) **Lease area** : 202.35
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 23/12/2002
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S SRI CHAKRA CEMENTS LTD
H.NO 6-3-668/10/66
P.B.NO.33, PUNJAGUTTA,
DURGANAGAR COLONY HYDERABAD
TELANGANA
Phone:3318939,65023474
FAX :040-3318938

Owner : SRI CHAKRA CEMENTS LTD
H.NO 6-3-668/10/66
P.B.NO.33, PUNJAGUTTA,
DURGANAGAR COLONY, HYD
GUNTUR ANDHRA PRADESH
Phone:
FAX :

Agent : D.V.D.S.N.Murthy
Sri Narasimhapuri(po)
Karampudi(M) Guntur Dist.
GUNTUR ANDHRA PRADESH
Phone:
FAX :

Manager

Name : B.GURUSEKHAR REDDY
Qualification : DIPLOMA IN MINING
Appointment/ :
Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	03/03/2005
Plan/Scheme of Mining	:	Modif.approved Mining Scheme	20/02/2007
	:	Mining Scheme rule 12 MCDR1988	22/07/2009
	:	MP review under 17(1) MCR 2016	16/01/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	3 PBH holes proposed during the year 2017-18 for geological axis. G1 G2	3 PBH holes proposed during the year 2017-18 for geological axis. G1 G2	-
1e	Balance reserve as on 01/04/20	74.743 Million Tonnes.	-	-
1f	General remarks of inspecting officers on geology, exploration etc	25 no of bore holes proposed during the year 2016-17	25 no of bore holes proposed during the year 2016-17 is completed.	-

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Working benches from 196 RL to 156 RL.	As per the proposal. same work carried out.	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No separate over burden bench.	No separate development bench of over burden.	-
2c	Stripping ratio or ore to OB ratio	1 : 0. 05	1 : 0.01	-
2d	Quantity of topsoil generation in m3	No top soil generation proposal.	Nil	-
2e	Quantity of overburden generation in m3	29673.04 cum.	17055 cum.	-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Bedded deposit.	Bedded deposit.	-
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 pit with 5 benches.	1 pit with 5 benches.	-
3b	Quantity of ROM mineral production proposed	13,50,000 Tonnes.	5,38,127 Tonnes.	-
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	-
3d	Quantity of mineral reject generation	No proposal.	Nil	-
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	-
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	-
3g	Grade of sub grade mineral generation	No proposal.	Nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Mechanised.	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil	-
3j	Provision of drilling and blasting in mineral benches	Wet drilling	Wet drilling and using nonels blasting.	-

3k	Provision of mining machineries in mineral benches	Pc-300	Pc-300	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 meters	8 meters.	-
3m	Total area covered under excavation/pits	26.114 ha	26.114 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.05	1 : 0.01	-
3o	Total area put in use under different heads at the end of year	42.184 ha	42.184 ha	-
3p	Production of ROM mineral during the last five year period as applicable	2012-13 =13,54 Lakh.; 2013-14 =13,28 Lakh.; 2014-15 =Lapsed period.; 2015-16 =Lapsed period. 2016-17= 12,82,766	2012-13 =388800 tonnes. ; 2013-14 =382950 tonnes. 2014-15 486438 tonnes.2015-16 =5,47,245 tonnes. 2016-17 =5,08,186 tonnes.	-
3q	General remarks of inspecting officers on method of mining etc.	Mechanised method.	Mechanised method.	-

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	yes.	yes.	-
4b	Location of topsoil, OB and mineral reject dumps	yes	yes.	-

4c	Number of dumps within lease area and outside of lease area	One dump within the lease.	One dump within the lease.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N 1400 1200 E 2800 3000	Beside the old dump.	-
4e	Number of active and alive dumps.	One dump.	One dump.	-
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.	Proposed.	Constructed.	-
4i	Length of Retaining wall or garland drain all along dumps	Proposed.	300m x 1m x 1m.	-
4j	Number of settling ponds	No proposal.	Nil	-
4k	Specific comments of inspecting officer on waste dump management	one dump within the lease.	one dump within the lease.	-

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.	Mine is not matured for backfilling.	-
5b	Area under backfilling of mined out area	No proposal.	Mine is not matured for backfilling.	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Mine is not matured for backfilling.	-

5d	Total area fully reclaimed and rehabilitated	No rproposal.	Nil	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Mine is not matured for backfilling.	-

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.	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	-
6c	afforestation done (ha).	1.23 ha	1.8 ha	-
6d	No. of saplings planted during the year	1500 no of plants	1840 no of plants.	-
6e	Cumulative no .of plants	No proposal.	8892.	-
6f	Any other method of rehabilitation	No proposal.	Nil	-
6g	Cost incurred on watch and care during the year	No proposal.	4,00,000/	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx 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.	No proposal.	Nil	-
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	Nil	-
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)	No proposal.	Nil	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	yes	yes.	-

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	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.	-
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil	-
7d	Any beneficiation process at mines .	No proposal.	Nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	The entire RoM is dishpach	The entire ROM is dishpach after crushing.	-

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted Monthly, Annual returns	Yes, Submitted.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes, given.	yes, given,	-

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes, Given.	Yes, Given.	-
9d	Scrutiny of Annual return on afforestation	Yes, Given	1840 no of plantation done during the year.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes, Given.	51,096 tonnes .	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes, Given.	ROM of 538127 tonnes	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes, Given.	Ex- Mine price and cost of production Rs =210	-
9h	Scrutiny of Annual return on fixed assets	yes, Given.	Yes, Given.	-
9k	Scrutiny of Annual return on mining machineries	Yes, Given.	Back-HOE-2 Nos.; Tippers-3 Nos; Wheel loaders-1 No.	-

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