

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/GNR/L.ST-42/HYD

Mine code : 38APR07049

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : sri Prasad, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 07-OCT-23
- (v) Prev.inspection date : 29-AUG-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MANDADI(50.41 HA) LIMESTO**
- (b) **Registration NO.** : **IBM/5210/2011**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **GUNTUR**
- Village : **MANDADI**
- Taluka : **VELDURTHY**
- Post office : **MACHERLA**
- Pin Code : **522426**
- FAX No. : **08642-222350, (MINE OFFICE**
- E-mail : **macherla@kcp.co.in**
- Phone : **08642-222307**
- (f) **Police Station** : **VELDURTHY**
- (g) **First opening date** : **01-JAN-07**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **M/S.KCP LTD,**
correspondance : **MACHERLA (P),**
: **GUNTUR DIST**
3. (a) **Lease Number** : **APR1344**
- (b) **Lease area** : **50.41**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **03-MAR-56**
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : M/S K.C.P.LTD
MACHERLA CEMENT UNIT
MACHERLA GUNTUR ANDHRA
PRADESH
Phone:
FAX :

Owner : DR.V.L.DUTT,C&MD
2,P.V. CHERIAN CRESCENT,
CHENNAI,TAMIL NADU.
CHENNAI CITY TAMIL NADU
Phone: 4466772600
FAX : 4466772620

Agent : B V P S Chowdhary
M/s KCP Cements Macherla-
522426 Andhra Pradesh
GUNTUR ANDHRA PRADESH
Phone: 08642-222303
FAX : 08642-222350

Mining Engineer

Name : A.RADHAKRISHNA,Full Time
Qualification : B.E(MINING)
Appointment/ : 23-DEC-06
Termination date

Manager

Name : K.V.RAMANA
Qualification : L.M.E
Appointment/ : 19-APR-03
Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	09-OCT-07
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	13-MAR-13
		MP modif under 17(3) MCR 2016	09-DEC-16
		MP review under 17(1) MCR 2016	25-SEP-17

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	Entire area is covered under g1 level of exploration.	No comments
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	Nil
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	Nil	Nil	Nil
1e	Balance reserve as on 01/04/20	---	0.64 Million tonnes	No comments
1f	General remarks of inspecting officers on geology, exploration etc	None	None	The entire area is covered under G1 level of exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to work on the Noorth west part of the lease.	No working noticed duirng the inspection.	The mining operations are not being carried out since 2017 onwards.The mine was issued order of suspension of mining operations on 5/9/2022.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	None	None
2c	Stripping ratio or ore to OB ratio	None	None	None

2d	Quantity of topsoil generation in m3	Nil	Nil	No mining operations since 2017 onwards. Further, no approved mining plan for the year 2022-23.
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Nil	Nil

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	There are no approved proposals for the year 2022-23.	No mining operations noticed during the inspection. One old pit was noticed.	No comments
3b	Quantity of ROM mineral production proposed	None	None	None
3c	Recovery of sailable/usable mineral from ROM production	Nil	Nil	Nil
3d	Quantity of mineral reject generation	Nil	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	None
3g	Grade of sub grade mineral generation	Nil	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	None	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	None	None
3j	Provision of drilling and blasting in mineral benches	Nil	None	None
3k	Provision of mining machineries in mineral benches	Nil	Nil	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	None	about benches with a height of 6 meters during inspection.No mining operations since 2017.	The mine was issued order of suspension of mining operations in September 2023.
3m	Total area covered under excavation/pits	---	Area under pits - 25.126 ha area under infrastructure - 6.783 ha area under backfilling - 12.19 ha	No comments
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	None
3p	Production of ROM mineral during the last five year period as applicable	Nil	2020-21 - 66000 tonnes 2021-22 - 85000 tonnes 2022-23 - 65000 tonnes	None
3q	General remarks of inspecting officers on method of mining etc.	Nil	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)	Nil	None	None

4b	Location of topsoil, OB and mineral reject dumps	Nil	None	None
4c	Number of dumps within lease area and outside of lease area	Nil	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	Nil	None	None
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	None	None
4i	Length of Retaining wall or garland drain all along dumps	Nil	None	None
4j	Number of settling ponds	Nil	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.	Nil	Nil	None
5b	Area under backfilling of mined out area	Nil	None	None

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	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	Previously about 12.19 ha was reclaimed by 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).	Nil	Nil	None
6b	Area available for rehabilitation (ha) .	Nil	None	None
6c	afforestation done (ha).	Nil	None	None
6d	No. of saplings planted during the year	Nil	None	None
6f	Any other method of rehabilitation	Nil	None	None
6g	Cost incurred on watch and care during the year	Nil	None	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)	Nil	None	None

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	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	Nil	None	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	None	None
7c	Different grade of mineral sorted out at mines.	Nil	None	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	None	None

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	None	None
8b	Concurrent use or storage of topsoil	Nil	None	None

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	None	None
8g	Survival rate	Nil	None	None
8h	Water sprinkling on roads to control airborne dust	Nil	None	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None`	None

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Nil returns submitted regularly by the lessee.	Yes	No comments

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None	None	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits - 38.77 ha Area under backfilling - 12.19 ha Area under infrastructure - 8.26 ha	Same was observed during the inspection.	No comments
9d	Scrutiny of Annual return on afforestation	Nil	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	None	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	None	None
9k	Scrutiny of Annual return on mining machineries	Nil	None	None

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 :

(A.V.Ramesh Kumar)

Indian Bureau of Mines