

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/GNR/LST-50/HYD

Mine code : 38APR07066

- (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 : 16-MAR-22

PART-I : GENERAL INFORMATION

1. (a) Mine Name : KCP LIMESTONE DEPOSIT-II
- (b) Registration NO. : IBM/680/2011
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : GUNTUR
Village : MANDADI BLOCK II RF
Taluka : DURGI
Post office : DURGI
Pin Code : 522612
FAX No. : 08642-222350
E-mail : cement.macherla@kcp.co.in
Phone : 08642-222303
- (f) Police Station : Macherla
- (g) First opening date : 08-JUL-16
- (h) Weekly day of rest : SUN
2. Address for
correspondance : M/s KCP Cements,
Macherla-522426
Guntur District, Andhra Pradesh
3. (a) Lease Number : --
- (b) Lease area : 20.046 HA
- (c) Period of lease : 50 YEARS
- (d) Date of Expiry : 17-6-2066
4. Mineral worked : LIMESTONE Main

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	None	None
1b	Exploration over lease area for geological axis 1 or 2	Nil	The entire potentially mineralised area explored under G1 level.	No comments
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	None	None
1e	Balance reserve as on 01/04/20	---	4.7 million tonnes	No comments
1f	General remarks of inspecting officers on geology, exploration etc	---	---	The entire potentially mineralised area explored under G1 level of exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it proposed to work between RLs 1640158, 158-152, 1520146	Same was noticed during the inspection.	No comments
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	None	None
2c	Stripping ratio or ore to OB ratio	Nil	None	None
2d	Quantity of topsoil generation in m3	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	It is proposed to carry out drilling by 115 mm dia and blasting with ANFO	Same was noticed during the inspection.	No comments
3k	Provision of mining machineries in mineral benches	It is proposed to excavate and transport the mineral by using HEMM.	The same was noticed during the inspection.	No comments
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 meters	8 meters	No comments
3m	Total area covered under excavation/pits			
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	None
3o	Total area put in use under different heads at the end of year			

4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	No comments	No comments	No comments

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	None	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	Nil	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	None	None

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	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)	It is proposed to carry out quarterly environmental monitoring.	It is being done.	No comments
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	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)	---	Except for plantation made by lessee, no other vegetation was noticed.	None
8g	Survival rate	70%	70%	No comments
8h	Water sprinkling on roads to control airborne dust	it is proposed to carry out water sprinkling in the mine	same was noticed during the inspection.	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	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns submitted in time by lessee.	Yes	No deviation.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the annual return 2022-23, Sri S.Prasad & Sri Ajith babu are employed as Mining Engineer and geologist	Same was noticed during the inspection.	No comments

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 : 10-11-2023

A. V. Ramesh Kumar
(A.V.Ramesh Kumar)

Indian Bureau of Mines