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MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-210/HYD

Mine code : 38APR11155

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN RAVULA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Ajmal Ahmed, GM(Mines)
Official with
Designation
- (iv) Date of Inspection : 19-JUL-24
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : KOLIMIGUNDLA(255. HA)
- (b) **Registration NO.** : IBM/638/2011
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 08654222532
E-mail : mcljpm@ramcocements.co.in
Phone : 08654224400
- (f) Police Station : KOLIMIGUNDLA
- (g) First opening date : 14-APR-18
- (h) Weekly day of rest : SUN
2. Address for : KOLIMIGUNDLA VILLAGE & PO
correspondance : KURNOOL DISTRICT
AP
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

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5. Name and Address of the

Lessee : THE RAMCO CEMENTS LTD
KUMARASWAMY RAJANAGAR
JAGGAYAPET MANDAL KRISHNA
ANDHRA PRADESH
Phone:08654-224400
FAX :08654-222532

Owner : P.R.VENKATRAMA RAJA
AURAS CORPORATE CENTRE, Vth
FLOOR, Dr.RADHAKRISHNA
ROAD,MYLAPORE, CHENNAI
CHENNAI CITY TAMIL NADU
Phone: 044-28478666
FAX : 044-28478676

Geologist

Name : V SIVARAMAKRISHNAN,Full Time
Qualification : MSC GEOLOGY
Appointment/ :
Termination date

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 11-JUN-18
Plan/Scheme of Mining

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No such specific proposal.	Nil	
1b	Exploration over lease area for geological axis 1 or 2	17 nos of boreholes proposed during the year 2023-24.	the drilling of proposed boreholes were already completed in previous years	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	17 nos of boreholes proposed during the year 2023-24.	the drilling of proposed boreholes were already completed in previous years	
1e	Balance reserve as on 01/04/20	As per the approved document dated 19.02.2019, the Limestone reserves are 46.5 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2024 are limestone: 40.14 mil.t.	
1f	General remarks of inspecting officers on geology, exploration etc		Limestone deposition is uniform in the ML area as deciphered from the intensive exploration conducted. it belongs to Narji stage of Jammalamadugu series of Kurnool group and overlies the conglomerate bed.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	two pits were proposed for development during the year 2023-24.	Pit-1 & Pit-2 are being developed.	

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil is propsoed to be removed by scrapping and No OB generation is envisaged. benches in mineral are proposed.	top soil is scrapped seperately. benches in mineral are maintained.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil
2d	Quantity of topsoil generation in m3	11400cu.m. during the year 2023-24.	11210
2e	Quantity of overburden generation in m3	No proposal.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		development is carried out by opencast mining method as proposed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	0.6 mil.t. during the year 2023-24.	0.599 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	0.6 mil.t.	0.599 mil.t.	
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	

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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	drilling and blasting is proposed.	drilling & blasting is carried out.
3k	Provision of mining machineries in mineral benches	excavator and dumper combination is proposed for excavation.	excavator and dumper combination is deployed for excavation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 m	maintained.
3m	Total area covered under excavation/pits	14.51 ha at the end of plan period i.e. 31.03.2025.	11.57 ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil
3o	Total area put in use under different heads at the end of year	32.979 ha at the end of plan period i.e. 31.03.2025	22.38 ha
3p	Production of ROM mineral during the last five year period as applicable	2019-20: No proposal 2020-21: 0.6 mil.t. 2021-22: 0.6 mil.t. 2022-23: 0.6 mil.t. 2023-24: 0.6 mil.t.	2019-20: Nil 2020-21: Nil 2021-22: 0.22 mil.t. 2022-23: 0.599 mil.t. 2023-24: 0.599 mil.t.

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3q General remarks of inspecting officers on method of mining etc. production is carried out from two pits by opencast mining method as proposed.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed for top soil, no OB generation is envisaged.	carried out.	
4b	Location of topsoil, OB and mineral reject dumps	proposed for top soil along the Lease boundary with in lease area	carried out.	
4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil.	
4e	Number of active and alive dumps.	No proposal.	Nil.	
4f	Number of dead dumps.	No proposal.	Nil.	
4g	Number of dumps established.	No proposal.	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	
4j	Number of settling ponds	No proposal.	Nil	
4k	Specific comments of inspecting officer on waste dump management		No OB/waste generation is envisaged.	

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Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	Nil	
5b	Area under backfilling of mined out area	No proposal.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area not matured for reclamation.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	PMCP report to submitted.	submitted before 1 st July.	
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	1 ha during the year 2023-24.	6.28 ha	
6d	No. of saplings planted during the year	2000	20700	
6e	Cumulative no .of plants		54900	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 331200/-	

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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

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6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out.	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical.	mechanical.	
7c	Different grade of mineral sorted out at mines.	cement grade limestone	cement grade limestone	
7d	Any beneficiation process at mines	No proposal.	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			entire ROM (limestone) of cement grade is used at captive plant.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	proposed.	carried out.
8b	Concurrent use or storage of topsoil	proposed.	carried out.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000 no	20700 nos
8g	Survival rate		90%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017	submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	(i) Graduate Mining Engineer 3, (ii) Diploma Mining Engineer 2, (iii) Geologist 1	found to be in order.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O-C) Workings 11.575 ha, (ii) Occupied by plant, buildings, residential, welfare buildings and roads 10.805 ha etc.,	found to be in order.
9d	Scrutiny of Annual return on afforestation	20700	found to be in order.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	found to be in order.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is Nil	found to be in order.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	prodCUSion cost is Rs. 213.43/-	prodCUSion cost is Rs. 213.43/-
9h	Scrutiny of Annual return on fixed assets	Rs.220580072/-	Rs.220580072/-

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9k	Scrutiny of Annual return on mining machineries	SHOVEL (HYDRAULIC) 1.500 CUM 1, TIPPER 19.000 CUM 6, WATER TANKER 12000.000 LITRE 1, BLAST HOST DRILL 115.000 MM 1 etc.,	found to be in order.
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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 :**(RAMKISHAN RAVULA)**

Indian Bureau of Mines