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

**MCDR inspection REPORT**

**Hyderabad regional office**

Mine file No : AP/KSN-28/HYD

Mine code : 38APR10031

- (i) Name of the Inspecting : **RAM** ) **RAMKISHAN R**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri P Jani Reddy Agent (Mines)  
Official with  
Designation
- (iv) Date of Inspection : 05-JAN-23
- (v) Prev.inspection date : 26-FEB-22

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BUDAWADA(160.00 HA)**
- (b) **Registration NO.** : **IBM/638/2011**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KRISHNA**
- Village : **Budawada**
- Taluka : **Jaggayyapet**
- Post office : **K.S.R. Nagar**
- Pin Code : **521457**
- FAX No. : **08654-222532**
- E-mail : **minesjpm@ramcocements.co.i**
- Phone : **08654-224400-09**
- (f) **Police Station** : **Budawada**
- (g) **First opening date** : **01-FEB-14**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **The Ramco Cements Ltd.**  
**Kumaraswamyraja Nagar-521457, Jaggaiahpet Mandal**  
**Krishna District, Andhra Pradesh**
3. (a) **Lease Number** : **APR2663**
- (b) **Lease area** : **160**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **16-MAR-~~19~~**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : M/S MADRAS CEMENTS  
KUMARASWAMY RAJA NAGAR  
JAGGAYAPETA KRISHNA ANDHRA  
PRADESH  
Phone:  
FAX :040-4653349

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

Agent : P JANI REDDY  
KUMARASWAMY .RAJA.NAGAR,  
JAYATNTHIPURAM KRISHNA  
DISTRICT KRISHNA ANDHRA  
PRADESH  
Phone: 08654-224400  
FAX : 08654-222532

## Mining Engineer

Name : Ashraf Ali, Full Time  
Qualification : B tech Mining  
Appointment/ :  
Termination date

## Geologist

Name : N Srinivasulu, Full Time  
Qualification : M Sc geology  
Appointment/ :  
Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	27-OCT-14
Plan/Scheme of Mining		MP modif under 17(3) MCR 2016	12-DEC-18
		MP modif under 17(3) MCR 2016	07-JUL-21

## 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	No proposal.	Nil	Entire mineralised area has been explored under G1 level.
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	No Proposal.	Entire mineralised area has been explored under G1 level.	
1e	Balance reserve as on 01/04/20	As per the approved document dated 07.07.2021, the Limestone reserves are 141.57 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2022 are limestone: 141.24 mil.t.	
1f	General remarks of inspecting officers on geology, exploration etc		Budawada Limestone mining lease area in the northeastern margin of the palnad sub basin of the kurnool sedimentary basin overlying the cuddapah supergene of rocks. limestone occurring in this area is in shades of grey, fine grained hard compact with shale partings. the limestone is bedded nature with varying thickness.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Pit-1 is proposed for development during the year 2021-22.	pit-1 is being developed.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	seperate benches Ob and mineral proposed.no top soil generation is envisaged.	maintained.	
2c	Stripping ratio or ore to OB ratio	1:0.006 t/cu.m.	1:0 t/cu.m.	no waste generated during the year 2021-22.
2d	Quantity of topsoil generation in m3	No proposal.	Nil	
2e	Quantity of overburden generation in m3	6404 cu.m. during the year 2021-22.	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	one	one	
3b	Quantity of ROM mineral production proposed	1.134 mil.t. during the year 2021-22.	0.323 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
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	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	11.45 ha at the end of plan period i.e. 2023-24.	0.97 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:0.006 t/cu.m.	1:0 t/cu.m.

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3o	Total area put in use under different heads at the end of year	35.8 ha at the end of plan period i.e. 2023-24.	23.74 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 2.5 mil.t. 2018-19: 2.5 mil.t. 2019-20: 1.11 mil.t. 2020-21: 1.11 mil.t. 2021-22: 1.13 mil.t.	2017-18: 240 t. 2018-19: 97410 t. 2019-20: 85200 t. 2020-21: 4000 t. 2021-22: 0.323 mil.t.
3q	General remarks of inspecting officers on method of mining etc.		production is carried by opencast mining method as proposed.

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#### Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	separate dumping of OB is proposed. no generation of top soil and mineral reject are envisaged.	No waste generated during the year 2021-22.	
4b	Location of topsoil, OB and mineral reject dumps	southern side of the lease area	southern side of the lease area	
4c	Number of dumps within lease area and outside of lease area	One within lease area during the year 2021-22.	no waste generated.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within UPL	within UPL	
4e	Number of active and alive dumps.	one proposed.	no waste generated during the year 2021-22.	
4f	Number of dead dumps.	No proposal.	Nil	

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4g	Number of dumps established.	No proposal.	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	No waste generated to provide retaining wall as no dumps were created.
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 waste is being generated during the year 2021-22.

#### 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.	Area not matured for reclamation.	
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 Clousre Plan:

Sl.No.	Item	Propasals	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).	densification of the area all along the west side of ML boundary during the year 2021-22.	carried out.	
6d	No. of saplings planted during the year	1000 nos during the year 2021-22.	3027 nos	
6e	Cumulative no .of plants		7287 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs.837000	
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 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)	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.

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6q General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. PMCP measures were carried out as proposed.

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Mineral Conservation:

Sl.No.	Item	Proposals	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.	

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Environment:

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

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8b	Concurrent use or storage of topsoil	No proposal.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	seperate dumps for OB proposed.	no waste generated during the year 2021-22.
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)	1000 nos	3027 nos
8g	Survival rate		60%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul raods for dust supression 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.

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Compliance of Rule 45:

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Sl.No.	Item	Proposals	Actual work	Remarks
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 1, (ii) Diploma Mining Engineer 1, (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 0.970 ha, (ii) Used for waste disposal 0.930 ha, (iii) Occupied by plant, buildings, residential, welfare buildings & roads 5.460 ha.	found to be in order.	
9d	Scrutiny of Annual return on afforestation	3027 nos	found to be in order.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is 85263 t	found to be in order.	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-Mine price is Rs. 220.21/t	Ex-Mine price furnished in the annual return submitted for the year 2021-22 is not in line with weighted average of monthly returns submitted for the eyar 2021-22. also production cost is not furinshed as EX-mine price furinshed as it is a captive mine.	advised the lessee to rectify the issue.
9h	Scrutiny of Annual return on fixed assets	Rs. 78295288	Rs.78295288	
9k	Scrutiny of Annual return on mining machineries	BACK HOE 1.100 CUM 1, BLAST HOST DRILL 115.000 MM 1, AIR COMPRESSOR 12.740 CUM/MN 1 TIPPER 16.000 CUM 4, etc.,	found to be in order.	

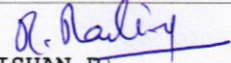
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## Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date : 01/02/23

NO violation

  
(RAMKISHAN R)

Indian Bureau of Mines