

**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 : S11 ) SHAILENDRA KUMAR  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sri P Jani Reddy Agent (Mines)  
Official with  
Designation
- (iv) Date of Inspection : 26/02/2022
- (v) Prev.inspection date : 19/08/2021

**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.in
- Phone : 08654-224400-09
- (f) **Police Station** : Budawada
- (g) **First opening date** : 01/02/2014
- (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** : 16/03/2029
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	27/10/2014
Plan/Scheme of Mining		MP modif under 17(3) MCR 2016	12/12/2018
		MP modif under 17(3) MCR 2016	07/07/2021

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no proposal for exploration during the year 2020-21 & 2021-22.	No exploration carried during 2020-21 & 2021-22.	The entire lease area is covered under G1 level.
1b	Exploration over lease area for geological axis 1 or 2	None	None	None
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	None	None	None
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2021 are 148 Million tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	The entire lease area covered under G1 level. The lease area is plain without undulations. It falls under reserve forest of Budawada.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to develop the mine between gridlines N1864250 to n1864600 and \$401500 to E401800.	The development of the mine was carried out as proposed.	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One in Mineral.	One bench in mineral was noticed during the inspection.	None

2c	Stripping ratio or ore to OB ratio	1:0.14	Nil	None
2d	Quantity of topsoil generation in m3	Nil	None	None
2e	Quantity of overburden generation in m3	6404 cu.meters	No OB was reported during the year 2020-21.	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	None	None	The mine development is as per the proposals made in the approved document.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One Pit	None
3b	Quantity of ROM mineral production proposed	453748 cu.meters during the year 2021-22.	81044 cu.meters till february 2022.	None
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	Provisions made for deep hole drilling and blasting in minerals benches	Deep hole drilling and blasting being carried out as proposed in the mineral benches.	None
3k	Provision of mining machineries in mineral benches	Provisions has been made for mining machineries in the mineral benches for excavation and loading.	One back hoe excavator and tippers of 32 tonnes were used in the mineral benches	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 meters	6 meters	None
3m	Total area covered under excavation/pits	4.40 ha	0.72 ha	None
3n	Ore to OB ratio for the pit/mine during the year.	None	None	None
3o	Total area put in use under different heads at the end of year	---	area under Mining - 0.540 ha Infrastructure - 4 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - 2.5 Million tonnes 2017-18 - 2.5 million tonnes 2018-19 - 2.5 million tonnes 2019-20 - 1.1 million tonnes 2020-21 - 1.1 million tonnes	2016-17 - 1000 tonnes 2017-18 - 240 tonnes 2018-19 - 97140 tonnes 2019-20 - 85200 tonnes 2020-21 - 4000 tonnes	None
3q	General remarks of inspecting officers on method of mining etc.	None	None	The method of mining and proposed production are below the proposals made.

## Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	None	None	None
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	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.	None	None	None
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	None	None	None
4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	None

## 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.	None	None	No area matured for reclamation.

5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	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	None

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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).	---	The Annual report for protective measures was submitted in time	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	0.05 ha	0.05 ha	None
6d	No. of saplings planted during the year	1000 no.s	100 no.s	None
6e	Cumulative no .of plants	---	7287 no.s	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	---	it was reported by the lessee that an amount of Rs.10,32,825/- occurred towards watch and care.	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 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)	it was proposed to carry out environmental monitoring in core and buffer zone every quarter.	Environmental monitoring being carried out every quarter in both core and buffer zones and the parameters are within permissible limits.	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	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	The ROM proposed to be produced during 2020-21 was 1.1 Million tonnes	The reported production during 2020-21 was 1,17,348 tonnes	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	The entire ROM being consumed in the cement plant of lessee company.
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	None

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	None	None	None
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	The mining lease falls under Budawada reserve forest, Except for the plantation made by lessee and bushy type of vegetation no other type of vegetation was observed.	None
8g	Survival rate	---	32%	None
8h	Water sprinkling on roads to control airborne dust	it was proposed to control dust suppression with water sprinkling,	The same was noticed during the inspection.	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	None

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	----	The Monthly and Annual returns being submitted regularly.	None
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2020-21, Sri Ashraf Ali and Sri Srinvasulu are appointed as Mining Engineer and geologist.	The same was noticed during the inspection.	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining - 0.540 ha Area under infrastructure - 4 ha	The same was noticed during the inspection.	None
9d	Scrutiny of Annual return on afforestation	760 no.s planted during the year 2020-21	The same was noticed during the inspection.	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	4000 tonnes during the year 2020-21.	the same was noticed during the inspection.	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs 220.21 per tonne	the same was noticed during the inspection	None
9h	Scrutiny of Annual return on fixed assets	8,85 laks	No verification was done	None
9k	Scrutiny of Annual return on mining machineries	One Back hoe One wagon drill One Air compressor 10 Tippers	The same was noticed during the inspection.	None

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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 :**

**(SHAIENDRA KUMAR)**

Indian Bureau of Mines