

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

DFA

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-218/HYD

Mine code : 38APR11186

- (i) Name of the Inspecting Officer and ID No. : RAM ) RAMKISHAN R  
(ii) Designation : Deputy Controller Mines  
(iii) Accompanying mine Official with Designation : Shri K.Ramireddy, AGM (Mines), N. Narayana Reddy, Man  
(iv) Date of Inspection : 20-SEP-22  
(v) Prev.inspection date : 11-MAR-22

PART-I : GENERAL INFORMATION

1. (a) Mine Name : PALKUR (149.392 HA)  
(b) Registration NO. : IBM/12134/2012  
(c) Category : A Mechanised  
(d) Type of Working : Opencast  
(e) Postal address :  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : PALKUR  
Taluka : BANAGANAPALLE  
Post office : PALKUR  
Pin Code : 518 17  
FAX No. :  
E-mail : guruvureddy.b@myhomegroup.  
Phone : 04066929696  
(f) Police Station : BANGANAPALLI  
(g) First opening date : 15-MAR-18  
(h) Weekly day of rest : SUN
2. Address for correspondence : M/s Sree Jayajothi Cements Pvt. Limited  
Yanakandla Vilage, Banganapalli Mandal  
Kurnool district - 518124
3. (a) Lease Number :  
(b) Lease area : 149.392 ha  
(c) Period of lease : 50 Yrs  
(d) Date of Expiry : 01-01-2067
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/S.SREE JAYAJOTHI CEMENTS LTD  
 KURNOOL ANDHRA PRADESH  
 Phone:  
 FAX :

Owner : CHANDRASEKHAR PANDEY  
 M/s My Home Industries Pvt.  
 Limited Madhapur, My Home  
 Hub Hyderabad-500081  
 NALGONDA ANDHRA PRADESH  
 Phone: 40-6629797  
 FAX :

Agent : Sri B.C.Gurivi Reddy  
 M/s Sree Jayajothi Cements  
 Pvt.Ltd Sri  
 Nagar, Yanakandla(v),  
 Mandal:Banaganapalle, Dist:K  
 urnool. KURNOOL ANDHRA  
 PRADESH  
 Phone: 7660013042 (Mobile.No.)  
 FAX :

Mining Engineer  
 Name : M venkata Suman Kumar Reddy, Full Time  
 Qualification : B Tech (Mining)  
 Appointment/ : 15-MAR-18  
 Termination date

Geologist  
 Name : Sri R Guru Bhasker, Full Time  
 Qualification : Msc geology  
 Appointment/ : 27-JAN-20  
 Termination date

Manager  
 Name : M Narayan reddy  
 Qualification : B tech Mining)  
 Appointment/ : 26-OCT-20  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	04-SEP-15
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	24-NOV-20

## PART - : 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.	17 nos of boreholes were drilled.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Global Environment & Mining Services, Hospet, karnataka. Rs.Rs.11,75,280.00/-	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	17 nos of boreholes were proposed to brought area under G1 level.	carried out.	
1e	Balance reserve as on 01/04/20	As per the approved document dated 25.11.2020, the Limestone reserves are 9.84 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2022 are limestone: 9.475 milt.t.	

1f	General remarks of inspecting officers on geology, exploration etc	the limestone profile in the stratigraphy of the area is made up from top to bottom by flags or falggy Limestone with thin to thick bedded from follwed by drak grey limestone.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit-2 is proposed for development during the year 2021-22	Pit-2 is being developed.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal as no generation of top soil and OB envisaged.	Nil	
2c	Stripping ratio or ore to OB ratio	Not applicable	Nil	
2d	Quantity of topsoil generation in m3	No proposal.	Nil	
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.	

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	

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3b	Quantity of ROM mineral production proposed	200000 t during the year 2021-22.	200000 t	Nil
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	15.181 ha at the end of plan period i.e. 2025-26.	10.106 ha	
3n	Ore to OB ratio for the pit/mine during the year.	Not applicable Nil		
3o	Total area put in use under different heads at the end of year	38.488 ha at the end of plan period i.e. 2025-26.	31.584 ha	
3p	Production of ROM mineral during the last five year period as applicable	2017-18 - 400060 T 2018-19 - 400088 T 2019-20 - 400037 T 2020-21 - 400041 T 2021-22 - 200000 T	2017-18 - 5000 T 2018-19 - 365000 T 2019-20 - 380000 T 2020-21 - 285000 T 2021-22 - 200000 T	deviation is due to as per requirement of captive plant.
3q	General remarks of inspecting officers on method of mining etc.	production is carried out from one pit 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)	No proposal as Nil no generation of top soil, OB and mineral reject is envisaged.		

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4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil
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	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	Nil	

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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).	0.6 ha	0.8 ha	
6d	No. of saplings planted during the year	600 nos during the year 2021-22.	1473 nos	
6e	Cumulative no .of plants	3400 nos	4686 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 83041	



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

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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.
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	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.	Mechanised.	Mechanised.	
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	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal as no generation of top soil is envisaged.	Nil	
8b	Concurrent use or storage of topsoil	Not applicable	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No applicable	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)	600 nos during the year 2021-22.	1473 nos	

8g	Survival rate	75%
8h	Water sprinkling water on roads to control airborne dust	sprinkling on haul roads for dust suppression is proposed.
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:

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	Graduate Mining Engineer 2, Diploma Mining Engineer 1, Geologist 1	found to be in order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings 10.106 ha, Used for waste disposal 14.948 ha, Occupied by plant, buildings, residential, welfare buildings & roads 3.670 ha,	found to be in order.	
9d	Scrutiny of Annual return on afforestation	1473 nos	found to be in order.	

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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 Nil	found to be in order.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-Mine price is Rs. 203.48	Ex-Mine price furnished in the annual return submitted for the year 2021-22 is not matching with the derived weighted average of the Ex-mine prices furnished in Monthly returns for the year 2021-22.	advised the lessee to rectify the issue.
9h	Scrutiny of Annual return on fixed assets	Rs. 1610226	Rs.1610226	
9k	Scrutiny of Annual return on mining machineries	BACK HOE 1.000 CUM 1, ROCK DRILL (NONELEC.) 115.000 MM 1, TIPPER 10.000 CUM 5 etc.,	found to be in order.	

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

*no violation*

*[Signature]*

(RAMKISHAN R)

Date : *4/11/20*

Indian Bureau of Mines