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MCDR inspection REPORT

Hyderabad regional office

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

Mine code : 38APR11186

- (i) Name of the Inspecting : **RAM**) **RAMKISHAN R**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri N. Narayana Reddy, Manager (Mines)
Official with
Designation
- (iv) Date of Inspection : 08-AUG-23
- (v) Prev.inspection date : 20-SEP-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 : M/s Sree Jayajothi Cements Pvt. Limited
correspondance Yanakandla Vilage,Banganapalli Mandal
Kurnool district - 518124
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 : 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

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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	No proposal.	Nil	Entire mineralised area 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 explored under G1 level.	
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 01.04.2023 are limestone: 9.192 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.	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	pit-2 between grid locatio N1705017- N1705265, E199576- E199922	worked out between proposed grid location	

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top soil is proposed to be removed by scrapping and No OB generation is envisaged. benches in mineral are proposed.	top soil is scrapped separately benches in mineral are maintained.
2c	Stripping ratio or ore to OB ratio	No porposal.	Nil
2d	Quantity of topsoil generation in m3	12004 cu.m. during the year 2022-23.	7500 cu.m.
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	one	one	
3b	Quantity of ROM mineral production proposed	0.3 mil.t. during the year 2022-23.	0.283 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	0.3 mil.t.	0.285 mil.t.	
3d	Quantity of mineral reject generation	No proposal.	Nil	

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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	mainrained.
3m	Total area covered under excavation/pits	15.181 ha at the end of plan period i.e. 2025-26.	10.894 ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil

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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.	32.042 ha
3p	Production of ROM mineral during the last five year period as applicable	2018-19 - 400088 T 2019-20 - 400037 T 2020-21 - 400041 T 2021-22 - 200000 T 200-23: 300000 T	2018-19 - 365000 T 2019-20 - 380000 T 2020-21 - 285000 T 2021-22 - 200000 T 2022-23 - 283500 T
3q	General remarks of inspecting officers on method of mining etc.		production is carried out from one pit 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.	top soil utilised.	
4b	Location of topsoil, OB and mineral reject dumps	Proposed to be utilised for top soil.		
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	

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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.

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	
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 reclamtion.

Progressive Mine Clousre Plan:

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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).	0.2 ha during the eyar 2022-23.	0.3 ha	
6d	No. of saplings planted during the year	200 nos	330 nos	
6e	Cumulative no .of plants		3846 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 295148	
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)Afforestati on on backfilled area	No proposal.	Nil	

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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.	parameters are within the limits.
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	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.	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	Propasals	Actual work	Remarks
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	

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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)	200 nos	330 nos
8g	Survival rate		80%
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
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.	

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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.	(i) Covered under current (O-C) Workings 10.894 ha, (ii) Used for waste disposal 14.948 ha, (iii) Occupied by plant, buildings, residential, welfare buildings and roads 3.040 ha	found to be in order.	
9d	Scrutiny of Annual return on afforestation	330 nos	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	Ex-Mine price is Rs. 167.02/t	Ex-Mine price is Rs. 167.02/t	
9h	Scrutiny of Annual return on fixed assets	Rs. 760288	Rs.760288	combined information with other mines of same lessee.

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9k Scrutiny of BACK HOE 1.000 found to be in order.
Annual return on CUM 1, TIPPER
mining 10.000 CUM 5,
machineries WATER TANKER
 10000.000
 LITRE 1 etc.,

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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 R)**

Indian Bureau of Mines