

MCDR INSPECTION DATA

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Yanakandla Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Darshan Deep Bhardwaj, Deputy Controller of Mines and In charge
1(c)	Accompanying Mines Representatives	Mr. E. Vasudevan, GM (Mines)
1(d)	Type of Inspection	Star Rating
1(e)	Date of Inspection	26/11/2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	322.837 Ha. (Non-forest)
3	Mine code	38APR11163
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/12134/2012
5	Name of the lessee, Address, phone, email and fax number	M/s Sree Jayajothi Cements Pvt Ltd. My Home hub, Block-3, 9th floor, Madhapur, Hyderabad-500081, Telangana.
6	Village	Yanakandla
7	Taluka/Mandal	Banaganapalli
8	District	Nandyal (Earlier in Kurnool district)
9	Pin code	518124
10	State	Andhra Pradesh
11	Post office	Banaganapalli
12	Nearest police station	Banaganapalli
13	Nearest Railway station	Banaganapalli
14	Date of Grant of Mining Lease	1. Mining Lease granted vide G.O.Ms. No. 102 dated 24.07.2017.(50 years) 2. Name and Type of company changed to private limited company vide G.O.Ms. No. 136 dated 19.10.2016 3. Errata G.O.Ms. No. 10 dated 10.02.2020
15	Date of Execution	03.01.2012 for 20 years only. Supplementary deed on 14.08.2020 (50 Years)
16	Date of opening of Mine	03.02.2012
17	Date of first Renewal, if applicable and its period & expiry	Nil
18	Date of second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri. Chandra Shekhar Pandey, DOA:18.09.2018 FL.No 604, Block D, My Home Bhooja Knowledge city, Raidurgam, VTC, Madhapur (PO), Madhapur Sub District Serilingampally District KV Rangareddy Hyderabad, Pin: 500032. Phone: 040-66929696 Email : cs.pandey@myhomeindustries.in

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri. B.C. Gurivi Reddy, DOA:17.07.2015 M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal Dist, A.P Mob-+91-7660013042 Email : b.gurivireddy@myhomeindustries.in
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri K. Rami Reddy, DOA : 01.04.2024 M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal Dist, A.P Mob-+91-8978902040 Email : ramireddy.k@myhomeindustries.in
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mining Engineer: Sri K. Rami Reddy, DOA : 01.04.2024 Experience : 6 Years 10 Months M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal Dist, A.P Mob-+91-8978902040 Email : ramireddy.k@myhomeindustries.in Geologist: Sri R. Prasannakumar, DOA:10.06.2022 Experience : 10 Years 4 Months M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal Dist, A.P Mob-+91-9963646553 Email : rpk6725@myhomeindustries.in
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Approval of Modified Mining Plan No: AP/KNL/MP/LST-190/HYD Dated : 03.01.2024 For the period 2023-24 to 2025-26
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Nil
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	'A' Fully Mechanized
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No proposal	Nil	Entire area explored to G1 Level
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	
1e	Balance reserves as on 01.04.2024	Reserves - 38168907.76 Tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Entire area explored to G1 Level		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	N1699419-1700781 E198345-199009	N1699489 - 1700767 E198504-198996	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	Nil	No Topsoil
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	No overburden
2d	Quantity of topsoil generation in m3	No Proposal	Nil	No Topsoil
2e	Quantity of overburden generation in m3	No Proposal	Nil	No overburden
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Pits are being developed as per the proposal given in the mining plan.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	02	02	
3b	Quantity of ROM mineral production proposed	1978466.39	1894947.20	
3c	Recovery of saleable /usable mineral from ROM production	1764149.94	1763800.00	
3d	Quantity of mineral reject generation	214316.45	131147.20	
3e	Grade of mineral reject 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	No subgrade Mineral
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	

3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	Drilling Machine-1 Nos. Dia – 115mm, Slurry : ANFO 30:70 3.5m Burden & Spacing - 7.5m	115mm dia drill machine is used, slurry explosive as base charge and ANFO as column charge with Nonel initiating system on 8 m bench height.	
3k	Provision of mining machineries in mineral benches	Excavators backhoe (2.5 cum - 2, 1 cum -1 nos.) Tippers -10 Nos of 30T	Excavators backhoe (2.5 cum - 2, 1 cum -1 nos.) Tippers -8 Nos of 30T	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed machinery can dig mineral at bench height of 8 mts	Provided machinery can dig up to bench height of 8 mts	
3m	Total area covered under excavation/pits	Proposed area under mining - 80.90 Ha	Actual area utilised - 77.404	
3n	Ore to OB ratio for the pit/mine during the year	1:00	1:00	
3o	Total area put in use under different heads at the end of year	As per proposal up to end of period 2023-24: 102.69 Ha	Area covered as on 01.04.2024 98.153 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20 – 2700000.00 T 2020-21 – 2700000.00 T 2021-22 - 2400000.00 T 2022-23 - 2300000.00 T 2023-24 - 1978466.39 T	2019-20 - 1500000.00 T 2020-21 - 1080000.00 T 2021-22 - 1437000.00 T 2022-23 - 1655000.00 T 2023-24 - 1894947.20 T	
3q	General remarks of inspecting officer on method of mining etc.	Mining is done as per the proposal of mining plan with conventional deep hole drilling and blasting method.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	In Yanakandla mine, the mineral reject dumping was proposed in the existing dumps with in ML only	As per proposal	
4b	Location of topsoil, OB & mineral reject dumps	In Yanakandla mine, the mineral reject dumping was proposed in the existing dumps with in ML only.	As per proposal	
4c	Number of dumps within lease area and outside lease area	Within Lease - 03 Outside lease - Nil	Within Lease - 03 Outside lease - Nil	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumping was proposed outside UPL and within mining lease area only.	As per proposal	
4e	Number of active & alive dumps	03	03	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	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 dump	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer	OB stocked Separately in temporary dump within the mining lease area.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on 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 mined out area (Rule 32)	No proposal	Nil	No Topsoil
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The backfilling is not commenced due to the mineral is not exhausted in the bottom benches.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule	As per rule 26(2) of MCDR 2017	Submitted on 11.06.2024	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation	No Proposal 0.30 Ha 250 6274 No Proposal	Nil Within lease - 0.71 Ha Outside lease - 0.07 Ha 430 6454 Nil	

	vi) Cost incurred on watch & care during the year	Rs. 100000/-	Rs. 433689.14/-	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No Proposal No Proposal No Proposal 9996.88 Cu.M No Proposal	Nil Nil Nil 9996.88 Cu.M Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	250 No Proposal No Proposal	430 Nil Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Periodical Monitoring as stipulated in Environmental Clearance granted by MoEF & CC and Consent to Operate granted by APPCB.	Periodical Monitoring as stipulated in Environmental Clearance granted by MoEF & CC and Consent to Operate granted by APPCB is Carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The PMCP work is being carried out as per the proposal contained in the approved mining plan.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Cement Grade: 1764149.94	Cement Grade: 1763800.00	
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	Cement Grade	
7d	Any beneficiation process at mines	No Proposal	Nil	

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Entire ROM is used for the captive plan and no mineral beneficiation is required.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around mine is maintained.

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	No Topsoil
8b	Concurrent use or storage of topsoil	No Proposal	Nil	No Topsoil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed 02 separate dumps for stacking generated mineral reject from mine and sump development.	Proposed 02 separate dumps for stacking generated mineral reject from mine and sump development.	
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 & additional plantation done (Rule 41)	250 Saplings Over 0.30 Ha	490 Saplings Over 0.78 Ha	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul roads	Water sprinkling is being Carried out regularly.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around mine is maintained.		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	Form - F1 Submitted up to October 2024. Form - G1 Submitted up to 2023-24.	

S.N.	Item	Details GIVEN in A.R(2023-24)	Observation of Inspecting Officer	Remarks
9b	Data Submitted in Annual return for information on Mining Engineer, Geologist and Manager	Shri. K. Ramireddy, Mining Engineer/Manager Shri. R. Prasannakumar, Geologist	Found in order	

9c	Data Submitted in Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining Area - 77.404 Ha; Mineral Reject dumps - 4.399 Ha; Infrastructure & Roads - 7.425 Ha; Mineral stack at Pathapadu Block - 8.925 Ha Total area - 98.153 Ha	Found in order	
9d	Data Submitted in Annual return on afforestation	Within Lease - 430 Nos. (0.71 Ha) Outside Lease - 60 Nos. (0.07 Ha)	Found in order	
9e	Data Submitted in Annual return on mineral reject generation (Grade & quantity)	131147.20 T	Found in order	
9f	Data Submitted in Annual return on ROM stock and/or graded ore	Nil	N/A	
9g	Data Submitted in Annual return on sale value, Ex. Mine price & production cost	Ex. Mine Price cost per tonne Rs. 157.29/-	Found in order	
9i	Data Submitted in Annual return on fixed assets	Rs. 17488749/-	Same	
9k	Data Submitted in Annual return on mining machineries	Back Hoe - 3 Nos; Tippers - 8 Nos; Dozer -1 No; Explosive van - 1 ; Water Tanker -1; Drill machine (Non-Elec) - 1 No; Water pump (Elec) - 1 No; & Tractor -1 No.	Found in order	

10 - Details of violations compliance position of earlier violation pointed out: -

During the inspection violation of Rule 31(4) and lessee has been advised to the send the compliance of the same within the stipulated time period of 45 Days from the date of issue of the violation letter.

Darshan Deep Bhardwa
Deputy Controller of Mines & Incharge
Regional Office- Vijayawada
Indian Bureau of Mines
