

INDIAN BUREAU OF MINES MINERAL DEVELOPMENT AND REGULATION DIVISION MCDR INSPECTION REPORT Chennai Regional Office		
Mine file No. TN/PT/LST-38.MDS		Mine code - 38TMN38025
(i)	Name of the inspecting officer & Designation	D.chandra sekhar Reddy. Assistant Mining Engineer
	Accompanied mine official and designation	Shri. Muthukaruppan, Vice president.
(iii)	Date of inspection	07/12/2024 under ROMP.
PART-I: General Information		
1. (a)	Mine Name	Chinnapattakadu Limestone mine 4.93.5 Hc..
(b)	Registration Number	IBM/953/2011
(c)	Category	A
(d)	Type of Working	Opencast
(e)	Postal Address	M/S Dhandapani Cements Pvt. Ltd. Kariyamanickam Road S.Pudur,Samayapuram, Mannachanallur Tk.,Trichy Dt.-621112
	State	Tamilnadu
	District	Ariyalur
	Village	Chinnapattakadu
	Taluka	Ariyalur
	Post Office	Keezhpalur
	Police station	Keezhpalur
	Pin Code	621707
FAX No.	--	
E-mail	dplmaruthi@gmail.com	
Phone	934514147	
(f)	Police Station	Keezhpalur
(g)	First opening date	01/10/2011
(h)	Weekly day of rest	SUN
2.	Address for correspondence	M/S Dhandapani Cements Pvt. Ltd. Kariyamanickam Road S.Pudur,Samayapuram, Mannachanallur Tk.,Trichy Dt.-621112
3. (a)	Lease Number	Not Available
(b)	Lease Area	4.93.5 Ha
(c)	Period of lease	30 years
(d)	Date of expiry	13/09/2041
4.	Mineral worked	Limestone
5.	Name and address of the Lessee/owner:	M/S Dhandapani Cements Pvt. Ltd. Kariyamanickam Road S.Pudur,Samayapuram, Mannachanallur Tk.,Trichy Dt.-621112

	Agent: Manager: Engineer: Geologist:	G.Arunpandian NIL G. Arunpandian
6	Date of Approval of Mining Plan/Modified Mining Plan with five – year period and specific condition in approval letter, if any.	<ol style="list-style-type: none"> 1. TN/ALR/MP/LST/1719 /MDS Dated :16/03/2011 2. TN/ALR//LST/MS-1331.MDS Dated 07.03.2016. 3. TN/ALR//LST/ROMP-1600.MDS Dated 18.09.2020.
	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five – year period and specific condition in approval letter, if any.	NIL.

PART-II : OBSERVATION / COMMENTS OF INSPECTING OFFICERS**EXPLORATION**

S. No.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	NIL during 2023-24. However 54drill holes proposed during 2016-17 to 2020-21	Nil	Mine not in operation Temp.discontinuance from 20.06.2023
1b	Exploration over lease area for Geological axis 1 or 2.	NIL	Area explored under G1 level.	NIL
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	0.60 lacks	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Entire area already explored.
1e	Balance reserves as on 01.04.2024 (111 Category)	-	111 - 352470 tonnes 221&222-305000 tonnes	Cement grade.
1f	General comments of inspecting officer on geology, exploration etc.	-	-	Cement grade Limestone. Mine not in operation Temp.discontinuance from 20.06.2023

DEVELOPMENT

S. No.	Item	Proposals	Actual Work	Remarks
2a	Location of development w.r.t. lease area	North, West corner portion of the lease area.	As per proposal north west corner.	Mine not in operation Temp.discontinuance from 20.06.2023
2b	Separate benches in topsoil, overburden and minerals (Rule 13 of MCDR-2017)	One Topsoil bench .Separate benches in mineral	Separate benches exist with bench height 4m and 6m width	Mine not in operation Temp.discontinuance from 20.06.2023
2c	Stripping ratio or ore to OB ratio	1:0	1:0	NIL
2d	Quantity of topsoil generation in m3	No proposal for topsoil.	NIL	NIL
2e	Quantity of overburden generation in m3	No proposal for Ob generation	NIL	Mine not in operation since 2017-18 onwards due to EC problem. No valid ROMP document after 2018-19
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc.	--	--	Mine not in operation Temp.discontinuance from 20.06.2023

EXPLOITATION

S. No.	Item	Proposals	Actual Work	Remarks
3a	Number of Pit proposed for production	One	One pit exist.	Mine not in operation Temp.discontinuance from 20.06.2023
3b	Quantity of ROM mineral production proposed	29908 tonnes.	10920 tonnes	Mine not in operation Temp.discontinuance from 20.06.2023
3c	Recovery of salable/usable mineral from ROM production	100%	100%	NIL
3d	Quantity of mineral reject generation	No mineral reject generation.	NIL	Entire ROM consumed.
3e	Grade of mineral rejects generation and threshold value declared.	NA.	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	Nil	Nil
3g	Grade of sub grade mineral generation	NA	NIL	NIL
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanical	Mechanical	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	No proposal.	Rock breaker used.	NIL
3k	Provision of mining machineries in mineral benches	Proposed	HEM deployed.	Mine not in operation Temp.discontinuance from 20.06.2023. No mining equipment found during inspection onsite.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in RoMP	4 m benches shown.	maintained	NIL
3m	Total area covered under excavation/pits	—	3.03 Hc	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0	1:0	Mine not in operation Temp.discontinuation

				ance from 20.06.2023
3o	Total area put in use under different heads at the end of year	Mining-3.03 Hc Infra-0.0.05 Hc Greenbelt-0.55 Hc	Mining-3.03 Hc Infra-0.0.05 Hc Greenbelt-0.55 Hc	Mine not in operation Temp.discontinuance from 20.06.2023
3p	Production of ROM mineral during the last five-year period as applicable	2018-19 : 75900tonnes.	2018-219: 58670 tonnes	Mine not in operation Temp.discontinuance from 20.06.2023
		2019-20 : 71540 tonnes	2019-20 – 30260 tonnes	
		2020-21 : 82200 tonnes	2020-21 ; NIL	
		2021-22 : 79860 tonnes	2021-22 : 48900 tonnes	
		2022-23 : 79800 tonnes	2022-23 : 57840 tonnes	
		2023-24 : 74770 tonnes	2023-24 : 10920 tonnes	
3q	General remarks of inspecting officers on method of mining etc.	-	-	Mine not in operation Temp.discontinuance from 20.06.2023

OLID WASTE MANAGEMENT- DUMPING :

S. No.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 36,37)	No proposal during 2023-24	NIL	Mine not in operation Temp.discontinuance from 20.06.2023
4b	Location of topsoil, OB and mineral reject dumps	Northern corner of ML.	As per proposal	Mine not in operation Temp.discontinuance from 20.06.2023
4c	Number of dumps within lease area and outside of lease area	One	One	Within lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	NIL
4e	Number of active and alive dumps.	One	One	NIL
4f	Number of dead dumps.	Nil	Nil	NIL
4g	Number of dumps established.	NIL	Nil	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	NIL
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	--	--	Mine not in operation Temp.discontinuance from 20.06.2023

SOLID WASTE MANAGEMENT-BACKFILLING

S. No.	Item	Proposals	Actual Work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	NIL	Mine not in operation Temp.discontinuance from 20.06.2023
5b	Area under backfilling of mined out area	NIL	Nil	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NIL .	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc	--	--	Mine not in operation Temp.discontinuance from 20.06.2023

PROGRESSIVE MINE CLOSURE PLAN

S. No.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 26 (2)	Yes.	submitted.	Mine not in operation Temp.discontinuance from 20.06.2023
6b	Area available for rehabilitation (ha).	NIL	NIL	NIL
6c	Afforestation done (ha).	0.11 Ha	0.15 Ha	Along the boundary and near office,road.
6d	No. of saplings planted during the year	125	130	NIL
6e	Cumulative no. of plants	--	1600	NIL
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	0.12 lakhs	0.20 lakhs	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D)	Nil	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation backfilled area	Nil	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	Nil	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	--	--	Mine not in operation Temp.discontinuance from 20.06.2023

MINERAL CONSERVATION

S. No.	Item	Proposals	Actual Work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	29908 tonnes	10920 tonnes	Entire ROM consumed.
7b	Method of grade wise mineral sorting i.e. manual or mechanical.	mechanical	mechanical	NIL
7c	Different grade of mineral sorted out at mines.	cement grade	NIL	Nil
7d	Any beneficiation process at mines	Nil	Nil	NIL
7e	General remarks of inspecting officer on mineral conservation and beneficiation issues.	—	—	Mine not in operation Temp.discontinuance from 20.06.2023

ENVIRONMENT

S. No.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	Mine not in operation Temp.discontinuance from 20.06.2023
8b	Concurrent use or storage of topsoil	NIL	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	NIL	NIL
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	NIL	NIL	NIL.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	NIL	Mineral not exhausted.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	140	NIL
8g	Survival rate	NIL	NIL	NIL
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	--	Mine not in operation Temp.discontinuance from 20.06.2023

COMPLIANCE UNDER RULE-45

S. No.	Item	Proposals	Actual Work	Remarks
9a	Status of submission of Monthly and Annual returns	submitted	Submitted in time.	Mine not in operation Temp.discontinuance from 20.06.2023
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri.G.Arunpandian BE (Mining) Manager and Mining engineer. Sri. Palanisamy, geologist.	G.Arunpandian BE (Mining) Manager and Mining engineer Sri. Palanisamy, geologist	NIL.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given.	Current workings – 3.03 Ha. Infra – 0.05 Ha Plantation -0.55 Ha.	NIL.
9d	Scrutiny of Annual return on afforestation	Details given.	50	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details given	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given	10929 tonnes	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given	Rs.299.41	NIL
9h	Scrutiny of Annual return on fixed assets	Details given	500000	NIL

9i	Scrutiny of Annual return on mining machineries	Details given.	Shovel fitted with rock breaker. Rock drill Tipper.	NIL
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Details of violations observed during current inspection and compliance position of violations pointed out					
Violation observed			Show cause position		
Rule No.	Issued on	Compliance on	Rule No.	Issued on	Compliance on
NIL					

Date:

(D.Chandrasekhar Reddy)
Assistant Mining Engineer.
Indian Bureau of Mines