

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

FMCP Inspection REPORT

Chennai regional office

Mine file No : TN/ALR/Lst-11/Mds

Mine code : 38TMN38011

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 06-OCT-18
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : PUDUPALAYAM 4.325
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : ARIYALUR
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 04329-247726
- E-mail : ariyalur@chettinadcement.co
- Phone : 04329-247761,247778, 97888!
- (f) **Police Station** : ARIYALUR
- (g) **First opening date** : 01-APR-11
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Chettinad Cement Corporation Ltd
PO.No748, 603 Annasalai, Chennai, Tamilnadu
Pin:600 006
3. (a) **Lease Number** : TMN1050
- (b) **Lease area** : 4.32
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 10-FEB-30
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : CHETTINAD CEMENT CORPORATION LIMITED
4TH FLOOR, RANI SEETHAI
HALL BLDG 603, ANNA SALAI
CHENNAI CITY TAMIL NADU
Phone:044-28292727, 42149955
FAX :044 - 28291558

Owner : L.MUTHUKRISHNAN
4TH FLOOR, RANI SEETHAI
HALL BUILDG 603, ANNA
SALAI, CHENNAI CHENNAI
CITY TAMIL NADU
Phone: 044-28292727, 4
FAX : 04428291558

Agent : RA.Krishnakumar
PO.No748, 603 Annasalai,
Chennai CHENNAI CITY
TAMIL NADU
Phone: 044 28292727
FAX : 044 28291558

6. Date of approval of Mining : Fresh under rule 22 MCR1960
Plan/Scheme of Mining

26-OCT-09

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	NIL
1e	Balance reserve as on 01/04/20	-	43000 MT	NIL
1f	General remarks of inspecting officers on geology, exploration etc	-	-	SATISFACTORY

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NA	NA	MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	NIL,MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	NIL	NIL	NIL,MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NIL	NIL	NIL
3b	Quantity of ROM mineral production proposed	NIL	NIL	NIL,MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
3c	Recovery of sailable/usable mineral from ROM production	NIL	NIL	NIL
3d	Quantity of mineral reject generation	NIL	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	<35%CAO	<35%CAO	MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
3f	Quantity of sub grade mineral generation.	NA	NA	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	NIL
3j	Provision of drilling and blasting in mineral benches	NIL	NIL	NIL

3k	Provision of mining machineries in mineral benches	NIL	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.	NIL
3m	Total area covered under excavation/pits	NIL	NIL	NIL
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
3o	Total area put in use under different heads at the end of year	MINING=4HA GREEN BELT=0.325 HA	NIL	NIL,MINES IS STOPPED DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
3p	Production of ROM mineral during the last five year period as applicable	NA	NA	NIL,MINES IS STOPPED SINCE LONG DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.
3q	General remarks of inspecting officers on method of mining etc.	-	-	NIL,MINES IS STOPPED SINCE LONG DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	DUMP LOCATED AT SOUTH WEST SIDE OF THE LEASE.	DUMP LOCATED AT SOUTH EAST SIDE OF THE LEASE.	NIL
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	NIL

4c	Number of dumps within lease area and outside of lease area	1	1	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	NIL
4e	Number of active and alive dumps.	1	1	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	1	1	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	PRESENT	PRESENT	NIL
4i	Length of Retaining wall or garland drain all along dumps	300 MTRS GARLAND DRAIN	300 MTR GARLAND DRAINS	NIL
4j	Number of settling ponds	1	1	NIL
4k	Specific comments of inspecting officer on waste dump management	-	-	SATISFACTORY, BUT MINES IS STOPPED SINCE LONG DUE TO WANT OF E.C AND RESERVE DEPLETED AND FMCP SUBMITTED.

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 BACKFILLING	NIL	NIL
5b	Area under backfilling of mined out area	NIL	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	NIL

5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	NIL, MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.

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).	PROPOSED TO SUBMIT	SUBMITTED	NIL
6b	Area available for rehabilitation (ha) .	0	0	NIL
6c	afforestation done (ha).	NIL	NIL	NIL
6d	No. of saplings planted during the year	NIL	NIL	NIL
6e	Cumulative no .of plants	200	200	NIL
6f	Any other method of rehabilitation	WATER HARVESTING POND	WATER HARVESTING POND	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
6g	Cost incurred on watch and care during the year	NIL	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	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 on on backfilled area	NIL	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	YES	YES WATER RESERVOIR IS MADE	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL,MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NA	NA	NIL
7d	Any beneficiation process at mines .	NA	NA	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	NIL
8b	Concurrent use or storage of topsoil	NA	NA	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	NIL

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	200PLANTS	200 PLANTS	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
8g	Survival rate	70	60	NIL
8h	Water sprinkling on roads to control airborne dust	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	-	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	SUBMITTED	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL, MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.	NIL
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	NIL, MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	NIL, MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NO MACHINE	NO MACHINE GIVEN	MINES NOT WORKING DUE TO WANT OF E.C AND FMCP SUBMITTED.

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

Date :

(SALIL SANDIP KUJUR)

Indian Bureau of Mines