

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

**FMCP Inspection REPORT**

**Chennai regional office**

**Mine file No :** TN/ALR/LST-2.MDS

**Mine code :** 38TMN38013

- (i) Name of the Inspecting : S011 ) SALIL SANDIP KUJUR  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR. BALA SHANMUGAM-DGM-GEOLOGY, M RAMESH- DY.MANAGER-  
Official with  
Designation
- (iv) Date of Inspection : 05-OCT-18
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : AMINABAD 2.255
- (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. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 20-FEB-09
- (h) **Weekly day of rest** :
2. **Address for correspondance** : ARIYALUR-TRICHY ROAD  
KEELAPALAVUR POST  
ARIYALUR TK. & DT.
3. (a) **Lease Number** : TMN1565
- (b) **Lease area** : 2.25
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 29-MAR-29
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/s CHETTINAD CEMENT CORPN. LTD  
 4TH FLOOR, RANI SEETHAI  
 HALL BUILDING 603, ANNA  
 SALAI CHENNAI CITY TAMIL  
 NADU  
 Phone:044 - 8272727  
 FAX :044 - 8241416

Owner : C. SUDHAKAR  
 RANI SEETHAI HALL BLDG 603,  
 ANNA SALAI CHENNAI CHENNAI  
 CITY TAMIL NADU  
 Phone: 044 - 8272727  
 FAX : 044 - 8241416

## Mining Engineer

Name : SHRI KARTHIKEYAN, Full Time  
 Qualification : B TECH  
 Appointment/ : 26-APR-12  
 Termination date

## Geologist

Name : N BALAKANAN, Full Time  
 Qualification : M.SE GEOLOGY  
 Appointment/ : 26-MAR-11  
 Termination date

## Manager

Name : VIKRAM PYUS  
 Qualification : B TECH WITH FIRST CLASS  
 Appointment/ : 26-APR-12  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Modif.of approved Mining Plan 10-MAY-12  
 Mining Scheme rule 12 MCDR1988 16-MAY-14

## 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	Nil	NA	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	NA	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	20 Lakhs Tons (111)	20 Lakhs Tons (111)	
1f	General remarks of inspecting officers on geology, exploration etc	Nil	Nil	Mine not worked since long and FMCP submitted.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Western side of the area.	Western side of the area.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	NA	Nil
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	Nil
2d	Quantity of topsoil generation in m3	Nil	NA	Nil
2e	Quantity of overburden generation in m3	Nil	NA	Nil

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Nil	Mine not worked since long and FMCP submitted.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	NIL
3b	Quantity of ROM mineral production proposed	30000 Ts	Nil	Nil
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	Nil
3f	Quantity of sub grade mineral generation.	Nil	NA	Nil
3g	Grade of sub grade mineral generation	Nil	NA	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	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	Nil	Nil	Nil

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3k	Provision of mining machineries in mineral benches	Proposed	Provided	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Nil	Nil
3m	Total area covered under excavation/pits	2.18 Hec	2.18 Hec	Nil
3n	Ore to OB ratio for the pit/mine during the year.	1:0.00	1:0.00	Nil
3o	Total area put in use under different heads at the end of year	Nil	Nil	Nil
3p	Production of ROM mineral during the last five year period as applicable	2014-15- 30000Ts 2015-16- 30000Ts 2016-17- 30000Ts 2017-18- 30000Ts	2014-15- 71312Ts 2015-16- 30100Ts 2016-17- 29972Ts 2017-18- Nils	Mine Not worked Due to EC
3q	General remarks of inspecting officers on method of mining etc.	Nil	Nil	Mine not worked since long 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)	Located in western ML area.	Top soil dumped separately during the intial period of Mine in the SW direction of the ML	Nil
4b	Location of topsoil, OB and mineral reject dumps	NO REJECTS IN CURRENT FY ONE DUMP OLD LOCATED INSIDE ML AT WEST BOUNDARY	ONE LOCATED INSIDE ML AT WEST BOUNDARY	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)	1	1	Nil
4e	Number of active and alive dumps.	Nil	Nil	Nil
4f	Number of dead dumps.	1	1	Nil
4g	Number of dumps established.	1	1	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	NA	NA	Nil
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	Mine not worked since long and FMCP submitted.

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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.	Nil	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)	Nil	Nil	Nil

5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	Nil	Mine not worked since long and FMCP submitted.

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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).	Periodacally submitted.	Periodacally submitted.	Nil
6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	0.05Ha	1.50HA	Nil
6d	No. of saplings planted during the year	50	200	Nil
6e	Cumulative no .of plants	50	3000	Nil
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	25000	45000	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 on 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

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Mineral Conservation:

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

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Environment:

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Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
8b	Concurrent use or storage of topsoil	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.
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	Nil	Nil	Top Soil removed during the initial period stored seperated used in backfilling.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL RETURN	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NO WORK	MINE NOT WORKING
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	NIL
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	NIL
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
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	NIL

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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	
MCDR17	Rule 11(1)	10-OCT-18	14-FEB-19	MCDR17	Rule 11(1)	10-OCT-18	14-FEB-19

**Date :**

**(SALIL SANDIP KUJUR)**

Indian Bureau of Mines