

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

**MCDR inspection REPORT**

**Chennai regional office**

**Mine file No :** TN/SLM/LST-11-MDS

**Mine code :** 38TMN11111

- (i) Name of the Inspecting : S011 ) SALIL SANDIP KUJUR  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR. G R RAMESH-AGM, MINES MANAGER  
Official with  
Designation
- (iv) Date of Inspection : 04-AUG-18
- (v) Prev.inspection date : 23-AUG-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : VEERACHIPALAYAM(PR.878)
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : SALEM
- Village : VEERACHIPALAYAM
- Taluka : SANKARI
- Post office : SANKARI WEST
- Pin Code : 637303
- FAX No. : 04283-40051
- E-mail : skdmines@indiacements.co.in
- Phone : 0856-73750
- (f) **Police Station** : KOMARAPALAYAM
- (g) **First opening date** : 18-FEB-91
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : M/S INDIA CEMENTS LTD  
ANNA SALAI,  
VHENNAI -600 002.
3. (a) **Lease Number** : TMN0058
- (b) **Lease area** : 75.58
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 24-JUL-89
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : THE INDIA CEMENTS LIMITED  
DHUN BUILDING 827, ANNA  
SALAI CHENNAI CITY TAMIL  
NADU  
Phone:044-28521526, 28521527,28572100,28572400  
FAX :044-28526311

Owner : INDIA CEMENTS LTD  
INDIA CEMENT LTD, SANKAR  
NAGAR POST, TIRUNELVELI  
DISTRICT. TIRUNELVELI TAMIL  
NADU  
Phone:  
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 18-OCT-12  
Plan/Scheme of Mining MP modif under MCR 1960 22-MAR-16

## 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	NA	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	3.74 MILLION TONNES	3.74 MILLION TONNES	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	West of ML area	West of ML area	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	YES MAINTAINED AS PER PLAN	NIL
2c	Stripping ratio or ore to OB ratio	1:1.3.	1:1.49	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	62850 cum	72114 cum	NIL

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	SATISFACTORY
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## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	ONE	ONE	NIL
3b	Quantity of ROM mineral production proposed	449875	363740	NIL
3c	Recovery of sailable/usable mineral from ROM production	269925	218244	NIL
3d	Quantity of mineral reject generation	179950	145496	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL	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.	NA	NA	NIL
3j	Provision of drilling and blasting in mineral benches	YES	YES, BLASTING IS BEING DONE	NIL

3k	Provision of mining machineries in mineral benches	YES	MACHINE IS USED	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	YES MAINTAINED AS PER RULE	NIL
3m	Total area covered under excavation/pits	32.61Hectare	32.61hectare	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1.1.3	1:1.49	NIL
3o	Total area put in use under different heads at the end of year	Mining- 32.61 Hec	Mining- Hec  3.90 Dump- 3.90	32.61 NIL
		Dump- 3.90	Road 0.34	
			Non mining 38.95.5	
		Road 0.34		
		Non mining- 38.85.5		

3p	Production of ROM mineral during the last five year period as applicable	2013-14 = 222500 Ts	2013-14 = 214686 Ts	2014-15 = 233876Ts	2015-16 = 231309 Ts	2016-17 = 442230 Ts	2017-18 = 363740 Ts	2016-17 = 449028 Ts	
3q	General remarks of inspecting officers on method of mining etc.	-	-						SATISFACTORY

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	North side of the pit	North side of the pit	NIL
4b	Location of topsoil, OB and mineral reject dumps	North side of the pit	North side of the pit	NIL
4c	Number of dumps within lease area and outside of lease area	With in ML area-1	With in ML area-1	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OUTSIDE THE UPL	AS PLANNED	NIL

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4e	Number of active and alive dumps.	ONE	ONE	NIL
4f	Number of dead dumps.	-	-	NIL
4g	Number of dumps established.	ONE	ONE	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	YES	NIL
4i	Length of Retaining wall or garland drain all along dumps	250 MTR	250 MTR	NIL
4j	Number of settling ponds	NIL	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	-	-	SATISFACTORY

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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.	NA	NA	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

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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).	YES	YES SUBMITTED	NIL
6b	Area available for rehabilitation (ha) .	NA	NA	NIL
6c	afforestation done (ha).	0.1HA	0.4HA	NIL
6d	No. of saplings planted during the year	100	400	NIL
6e	Cumulative no .of plants	1000	1200	NIL
6f	Any other method of rehabilitation	NA	NA	NIL
6g	Cost incurred on watch and care during the year	NA	NA	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	NA	NA	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NA	NA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	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)	DONE ON QUARTERLY BASIS	MEASURED IN QUARTERLY BASIS	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	SATISFACTORY

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	269925	218244	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MECHANICAL	MECHANICAL	NIL
7c	Different grade of mineral sorted out at mines.	NA	NA	NIL

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7d	Any beneficiation process at mines	NIL	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA	NIL

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**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)	YES	YES MAINTAINED	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)	1000	1200	NIL
8g	Survival rate	80 %	70 %	NIL

8h	Water sprinkling on roads to control airborne dust	WATER SPRINKLING IS PROPOSED	WATER SPRINKLING IS BEING DONE	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	SATISFACTORY

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GEOLOGIST NOT EMPLOYED	GEOLOGIST NOT EMPLOYED	VIOLATION POINTED OUT
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	NIL
9d	Scrutiny of Annual return on afforestation	YES	GIVEN	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	NA
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	CAPTIVE MINE	CAPTIVE MINE USED IN OWN FACTORY	NIL
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL

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9k	Scrutiny of Annual return on mining machineries	GIVEN	FOUND AS GIVEN	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)	16-AUG-18			
MCDR17	Rule 55(1)(3)	16-AUG-18			

**Date :**

(SALIL SANDIP KUJUR)

Indian Bureau of Mines