

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

FMCP Inspection REPORT

Chennai regional office

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

Mine code : 38TMN11111

- (i) Name of the Inspecting : **D009**) **D.CHANDRA SEK HAR REDDY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S.Natarajan, Chief manager(mines)
Official with
Designation
- (iv) Date of Inspection : 12/10/2022
- (v) Prev.inspection date : 08/03/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VEERACHIPALAYAM(PR.878)**
- (b) **Registration NO.** : **IBM/613/2011**
- (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** : **18/02/1991**
- (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** : **24/07/1989**
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 : Lakshmi Aparna Sreekumar
 M/S India Cements Ltd.,
 827,Anna salai,DHUN
 Building Chennai CHENNAI
 CITY TAMIL NADU
 Phone:
 FAX :

Agent : A.veerabagu
 India cements Ltd sakari
 works salem SALEM TAMIL
 NADU
 Phone: 044-28521526
 FAX : 044-28526311

Mining Engineer

Name : Mr.Infant Jerome,Full Time
 Qualification : B.E MINING
 Appointment/ : 01/04/2018
 Termination date

Geologist

Name : vinithkannan,Full Time
 Qualification : MSC(Geo)
 Appointment/ : 10/01/2022
 Termination date

Manager

Name : G.Rajesh,B.E
 Qualification : B.E MINING
 Appointment/ : 21/05/2018
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	22/03/1999
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	18/10/2012
	:	MP modif under MCR 1960	22/03/2016
	:	MP modif under 17(3) MCR 2016	08/01/2021
	:	MP review under 17(1) MCR 2016	26/03/2021

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	ML area fully explored to G 1 level.
1b	Exploration over lease area for geological axis 1 or 2	NIL	The entire area of veerachipalayam Lst.mine of mangarangapalayam block (6.49 HC) explored.	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	M/S ICL	Exploration already done.
1e	Balance reserve as on 01/04/20	No mineable reserves.	No mineable reserves , resources leftout 659813 tonnes. as per earlier mining plan as on 01/04/2022.	Blocked due to UPL,HT powerline,nearby hamlets and temple. No mining operations in this block for the last 20 years.
1f	General remarks of inspecting officers on geology, exploration etc	—	—	No mining operations in this block of Mangarangapalayam block (6.49 Hc) for more than 20 years.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal in this block.	NIL	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal given in this block.	No Topsoil bench,OB bench formed.	The pit is not in operation for nearly 20 years.
2c	Stripping ratio or ore to OB ratio	NIL	NIL	No mining operations in this block.
2d	Quantity of topsoil generation in m3	No proposal.	Nil	No mining operations carriedout.
2e	Quantity of overburden generation in m3	NIL	NIL	NIL

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	—	—	Mangarangapalyam Block(6.49 HC) not in operation.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal given in the last approved document from this block.	NIL	NIL
3b	Quantity of ROM mineral production proposed	NIL	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	NIL	NA	NIL
3d	Quantity of mineral reject generation	NIL	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL. < 34% as per latest analysys report submitted.	pit not in operation.
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	NIL	NIL	No mining operations in mangarangapalayam block (6.49 Hc)
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	No mining operation.

3k	Provision of mining machineries in mineral benches	No proposal.	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposals given for height and width of benches.	shallow pits, benches maintained in OB and mineral.	Partly filled with rain water. No mining operations.
3m	Total area covered under excavation/pits	2.26 HC	2.26 HC	NIL
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	No production & development.
3o	Total area put in use under different heads at the end of year	Pit- 2.26 Ha Greenbelt- 4.23 Ha	Pit- 2.26 Ha Greenbelt- 4.23 Ha	NIL
3p	Production of ROM mineral during the last five year period as applicable	2016-17 No proposal 2017-18 No proposal 2018-19 No proposal 2019-20 No proposal 2020-21 NIL	2016-17 NIL 2017-18 NIL 2018-19 NIL 2019-20 NIL 2020-21 NIL	Due to lease area restricted by state govt .of veerachipalayam Lst.mine the last approved document for entire mine valid upto 31/03/2021.
3q	General remarks of inspecting officers on method of mining etc.	—	—	No mining operations in this block for nearly 20 years.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals from this block.	NIL	No mining operations in this block
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	No dumps in this block.

4c	Number of dumps within lease area and outside of lease area	NIL	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	No dumps exist in this block.	NIL
4e	Number of active and alive dumps.	NIL	NIL	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	—	—	No dums exist. No mining operations in Mangarangapalayam (6.49 HC) block for the last 20 years.

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 proposal for back filling in this block.	Pits are partly filled with rain water.	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)	Topsoil already removed used for plantation.	No Topsoil dump exist.	NIL

5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	—	—	No backfilling carried out.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Not submitted.	The last approved document valid upto 31/03/2021.	mangarangapalayam block 6.49 Hc. no mining operations for last 20 years.
6b	Area available for rehabilitation (ha) .	2.26 Hc covered under pits.	proposed as water reservoir in FMCP.	NIL
6c	afforestation done (ha).	NIL	4.23 Hc covered under afforestation.	NIL
6d	No. of saplings planted during the year	NIL	NIL	NIL
6e	Cumulative no .of plants	—	1800 no's	NIL
6f	Any other method of rehabilitation	NIL	NIL	NIL
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	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 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
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	Plantation done over virgin/undistrubed area.	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.	—	—	No mining operations done in mangarangapalayam block (6.49 Hc)

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. No production & despatch from mangarangapala yam block((6.49 HC).	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.	NIL	NIL	NIL
7d	Any beneficiation process at mines	NIL	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	—	—	No proposals given from this block in the last approved document.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Topsoil	NIL	NIL
8b	Concurrent use or storage of topsoil	NIL	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	No dumps exist.
8d	Use of overburden, waste rock, rejects and fines dumps 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	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	1800	NIL
8g	Survival rate	NIL	80%	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	—	—	plantation carried out on virgin/undistrubed .

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not submitted.	The mangarangapalayam block 6.49 Hc area separated while extending lease period from total lease area of veerachipalayam Lst.mineas bifurcated on district wise.	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	No mining operations carriedout.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	Area under mining - 2.6 Hc Afforestation - 4.23 HC	NIL

9d	Scrutiny of Annual return on afforestation	NIL	1800 plants grown in the block area.	
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	No production and devlopment
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	The block area was not in operation and separated from main lease due to district bifurcation.

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 :**(D.CHANDRA SEKHAR REDDY)**

Indian Bureau of Mines