

**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 : 38TMN11027

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S RAMESH-AGM-MINES
Official with
Designation
- (iv) Date of Inspection : 04-AUG-18
- (v) Prev.inspection date : 06-JAN-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : VEERCHIPALAYAM
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : SALEM
- Village : VEERCHIPALAYAM
- Taluka : SANKARI
- Post office : VEERCHIPALAYAM
- Pin Code : 637303
- FAX No. : 04283-40051
- E-mail : skd_mines@indiacements.co.:
- Phone : 04283-240382
- (f) **Police Station** : SANKARI
- (g) **First opening date** : 10-MAY-70
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : M/S. INDIA CEMENTS LTD., SANKARI WORKS
SANKARI WEST POST, SALEM - 637 303.
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 : R K DAS, THE INDIA CEMENT LTD
 Coramandel Tower,
 93,Karpagam Avenue Sandome
 high road, R.A.Puram
 CHENNAI CITY TAMIL NADU
 Phone: 044-28521526,28
 FAX : 04428526311, 04

Agent : K.RAJENDRAN
 THE INDIA CEMENTS LTD
 DALAVOI WORKS ARIYALUR
 TAMIL NADU
 Phone: 04329-248222, 9994895501
 FAX : 04329-248248

Mining Engineer

Name : K.BHASKARA THODAIMAN,Full Time
 Qualification : I CLASS MANAGER CERTIFICATE
 Appointment/ : 01-DEC-06
 Termination date

Geologist

Name : GOPISUBRAMANIAM,Full Time
 Qualification :
 Appointment/ : 08-OCT-82
 Termination date

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	13-FEB-07
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	13-FEB-07
	:	Mining Scheme rule 12 MCDR1988	17-AUG-12
	:	Mining Scheme rule 12 MCDR1988	24-JUN-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	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	0.41 MILLION TOINNES	0.41 MILLION TONNES	NIL
1f	General remarks of inspecting officers on geology, exploration etc			SATISFACTORY G1 LEVEL EXPLORATION ALREADY DONE.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	EASTERN SIDE OF THE LEASE	EASTERN SIDE OF THE LEASE	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	MADE AS PER PROPOSAL BUT NO TOP SOIL IS THERE.	NIL
2c	Stripping ratio or ore to OB ratio	1:1	NIL	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
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	NIL	NIL	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	43000 MT	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	30100 MT	NIL DUE TO EC PROBLEM	NIL DUE TO EC PROBLEM
3d	Quantity of mineral reject generation	NIL	NIL	NIL, DUE TO EC PROBLEM
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NIL
3f	Quantity of sub grade mineral generation.	NA	NIL	NIL
3g	Grade of sub grade mineral generation	NA	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	MECHANISED	NIL	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	NIL	NIL

3k	Provision of mining machineries in mineral benches	YES	NIL,NIL DUE TO EC PROBLEM	NIL DUE TO EC PROBLEM
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	MAINTAINED AS PER RULE	NIL
3m	Total area covered under excavation/pits	2.60 HA	2.60 HA	NIL
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	NIL
3o	Total area put in use under different heads at the end of year	MINING=2.60, DUMP=0.82 INFRA=0.06 ROAD=0.05 GREEN BELT=0.44 NON-MINING=3.95	MINING=2.60, DUMP=1.12 INFRA=0.06 ROAD=0.05 GREEN BELT=0.64 NON-MINING=3.43	AS PER PLAN SATISFACTORY
3p	Production of ROM mineral during the last five year period as applicable	130000 MT	52712 MT	LESS DUE TO MINE NOT OPERATION DUE TO E.C PROBLEM.
3q	General remarks of inspecting officers on method of mining etc.	NA	NA	SATISFACTORY

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	EASTERN SIDE OF THE PIT	NIL	NIL
4b	Location of topsoil, OB and mineral reject dumps	EASTERN SIDE OF THE PIT	NIL	NIL
4c	Number of dumps within lease area and outside of lease area	WITHIN LEASE=1	WITHIN LEASE=1	NIL

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	EASTERN SIDE OF THE PIT	NIL	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.	YES	ALL ALONG THE DUMP	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	NA	NA	SATISFACTORY

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	NO	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.	NA	NA	SATISFACTORY
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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 IN TIME	NIL
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	0.16 HA	0.16HA	NIL
6d	No. of saplings planted during the year	100	190	NIL
6e	Cumulative no .of plants	400	390	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)Afforestation 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
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	NA	SATISFACTORY

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	30100 MT	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	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	NA	NA	SATISFACTORY

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO TOPSOIL	NO TOPSOIL	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, ALL REJECTS ARE SAME.
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)	400	390	NIL
8g	Survival rate	90%	85%	NIL
8h	Water sprinkling on roads to control airborne dust	YES	IN PRACTICE	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	NA	GOOD

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	SUBMITTED	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GIVEN IN AR	PRESENT AT SITE	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	GIVEN	AS GIVEN	NIL
9d	Scrutiny of Annual return on afforestation	SUBMITTED	GIVEN	NIL

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	CAPTIVE MINE	NO SALE OF LIMESTONE	NIL
9h	Scrutiny of Annual return on fixed assets	GIVEN	GIVEN	NIL
9k	Scrutiny of Annual return on mining machineries	PROVIDED IN AR AS GIVEN		NIL

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
MCDR17	Rule 11(1)	14-AUG-18			
MCDR17	Rule 55(1)(3)	14-AUG-18			

Date :

(SALIL SANDIP KUJUR)

Indian Bureau of Mines