

REPORT ON CHECK INSPECTION OF SOUTH OF SOUTH LIMESONE MINE OF THE RAMCO CEMENTS LIMITED IN ARIYALUR DISTRICT OF TAMILNADU STATE [PREPARED IN THE FORMAT, PRESCRIBED VIDE CCOM'S LETTER NO. 11013/35/MP/MISC/89-CCOM (Vol. III)]

Name and designation of inspecting officer : G.C.SETHI,
Date of Inspection : REGIONAL CONTROLLER OF MINES

1. General information of the mine :

(i) Name of the mine : SOUTH OF SOUTH LIMESTONE MINE
(ii) Owner : THE RAMCO CEMENTS LIMITED
(iii) Nominated owner : P.R.Venketrama Raja
(iv) Mining Engineer : M.Suresh Babu
(v) Agent : Ashish Kumar Srivastava
(vi) Mine Manager : T. Suresh kumar
(vii) Lease area : 44.80.5 Ha
(viii) Location : Manakudayan
(ix) Lease period : 20 Years
(x) Date of Expiry : 20/10/2028
(xi) Date of approval of Modified Mining Plan : 11.01.2021
(xii) Date of approval of Review of Mining Plan : -
(xiii) Period of Mining Plan/ Review of Mining Plan : 2020-21 to 2022-23
(xiv) Production (Year 2021-22) : 9,42,173 Tonnes

2. Brief description of the mine:

(a) A brief description of the mine covering location, geology, problems associated with mining of the deposit etc.

(1) Location:

Name of the Mine	South of south Limestone Mine.
GO & Date of Grant of Lease	G.O.(3D) No.76 Ind. (MMA2) Dept. dated 13.09.2007 over an extent of 44.80.5 Ha in Manakudayan village, Sendurai Taluk, Ariyalur District. Lease period: 21.10.2008 to 20.10.2028
Name of the Lease Holder	M/s The Ramco Cements Limited (Formerly known as Madras Cements Ltd.,)
Postal address	M/s The Ramco Cements Limited, Alathiyur Works Cement Nagar Post, Sendurai Taluk, Ariyalur District, Tamilnadu – 621 730
Nearest villages	Tular, Manakudayan, Adhanakurichi, Marungur
Nearest Railway station	Mathur
Nearest police station	Dalavoi
Nearest Airport	Trichy

(2) Geology:

Tular mine limestone is sedimentary in origin. It is highly varied and heterogeneous with frequent Marl intercalations. Based on the stratigraphic sequence, the limestone in Tular falls under the Niniyur formation of Cretaceous age. The formation strikes N25° E dipping 4° to 5° towards South east. The thickness of overburden increases towards south-eastern side. The Limestone persists to a maximum depth of around 55

mts. The limestone and Calcareous marl of sub-grade material form alternate layers. In the eastern side, a separate large marl band occurs in the middle of the deposit.

(3) Problems associated with mining of the deposit etc. –

Nil

(b) Description on deployment of mining machinery

Sl. No.	Machineries deployed	Capacity	Number of units	In use	Idle	Percentage of utilization	Brief description	Remarks
1	2	3	4	5	6	7	8	9
1	SURFACE MINER	1200.000 HP	1	1	-	61.00	-	-
2	SHOVEL (HYDRAULIC)	0.95 CUM	1	1	-	82.00	-	-
3	TIPPER	12.000 CUM	8	8	-	85.00	-	-
4	WATER TANKER	10000.000 LITRE	1	1	-	75.00	-	-

3. Implementation of Mining Plan or Review of Mining Plan:

Sl.No.	Proposal in the approved Modified Mining Plan (period from 2020-21 to 2022-23)	Observations regarding implementation of proposals given in approved Modified Mining Plan.		Remarks/Reason for deviation
1	2	3		4
(1) CONSERVATION OF MINERALS				
		Proposal	Actual	2021-22
(a)	Exploration	Nil	Nil	Nil
(b)	Utilization of sub-grade mineral	Nil	Nil	Nil
(c)	Any other proposal for monitoring	Nil	Nil	Nil
(2) SCIENTIFIC MINING				
(a)	Mine Development and method of mining	982000 tons	942173 tons	Nil
(b)	Handling of Waste/ sub-grade material	1318303 tons	1340998 tons	Nil
(c)	Area reclamation & restoration	4.10 hect	4.03 hect	Nil
(d)	Any other proposal for monitoring	Nil	Nil	Nil
(3) PROTECTION OF ENVIRONMENT				
(a)	Afforestation	2000 nos of saplings	2100 Nos of saplings.	Nil
(b)	Quality of air	Air Quality standards within the limits.		Nil
(c)	Quality of Water	Water Quality standards within the limits.		Nil
(d)	Noise level	Noise level standards within the limits.		Nil
(e)	Vibration	-		Nil
(f)	Any other proposal for monitoring.	Nil		Nil

4. History of Violations after approval of Mining Plan or Scheme of Mining: 2020-21

SL No.	Date of Inspection	Name of inspecting officer	Violations of MCDR, 1988 observed and pointed out	Rectification of violations	Remarks
1	2	3	4	5	6
1	20.10.2022	G.Sornaduraikannan, SMG	Not achieved the proposed area	Complied on 16.11.2022	-

5. Socio-Economic Development Plan:

Sl. No.	Proposed Action Plan towards socio-Economic Development	Expenditure proposed (In Rs. Lakh)	Expenditure Incurred (In Rs. Lakh)	Remarks
1	2	3	4	5
(1)	General Development in the area	-	-	-
	(i) Housing	-	-	-
	(ii) Water Supply	-	1.56	-
	(iii) Sanitation	-	0.06	-
	(iv) Health safety and Medical Facilities	-	0.29	-
(2)	Education and Training	-	0.37	-
(3)	Employment to local inhabitants	-	0.66	-
(4)	Public Transportation and communication	-	0.16	-
(5)	Recreation and other sports activities	-	2.42	-
(6)	Expenditure for environment management	-	29.24	-
(7)	Other	-	1.84	-
Total		-	36.60	

6. Observations/ remarks on the earlier inspection carried out by sub-ordinate officer(s) with specific thrust on systematic and scientific mining, mineral conservation and environmental protection and other sensitive/important aspects pertaining to the mine area or surroundings (CRZ/ Western Ghats/ Wildlife Sanctuaries etc.):

- 1) Name of inspecting officer: Shri. G.Sornadurai Kannan, SMG
- 2) Date and Type of inspection: MCDR & Star Rating Inspection – 20.10.2022
- 3) Observations/ Remarks w.r.t. the inspection carried out by the sub-ordinate officer(s) and shortfalls in the inspection report, if any, thereof: Nil

Name of the Officer: **G.C.Sethi**
Designation: **Regional Controller of Mines**