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Certified Company

## THE RAMCO CEMENTS LIMITED

(formerly known as Madras Cements Ltd.)

Govindapuram, Sendurai Road,  
Ariyalur Taluk – 621713  
Ariyalur District, Tamilnadu, India  
Phone: 04329 – 226001 to 226003  
Fax: 04329-226005  
CIN: I 26941TN1957PI C003566

25<sup>th</sup> Sep 2020

To  
The Member Secretary,  
Tamil Nadu Pollution Control Board  
76, Mount Salai, Guindy  
Chennai - 32

Dear Sir,

**Sub:** - Environmental Statement for the financial year 2019-20 – Reg.

We hereby submit the form V duly filled with regard to the Environmental Statement for our cement plant for the financial year 2019 - 2020.

The necessary annexure are enclosed along with Form-V. Kindly acknowledge on the receipt of the same.

Thanking You,

Yours Faithfully,

For **THE RAMCO CEMENTS LIMITED**

  
**Madhusudan Kulkarni**  
Vice President (Works)

CC: -

The Joint Chief Environmental Engineer  
Tamilnadu Pollution Control Board,  
No.-25, SIDCO Developed Plots,  
Thuvakudy, Trichy – 620015

The District Environmental Engineer  
Tamilnadu Pollution Control Board,  
99-A, Ethiraj Nagar,  
Railway Station Road,  
Ariyalur-621713

**ANNEXURE – XII (refer page – 25)**

**ENVIRONMENTAL STATEMENT FORM – V**

**(See rule 14)**

Environmental Statement for the financial year ending with 31<sup>st</sup> March 2020

**PART – A**

- I. Name and address of the owner / Occupier of the industry operation or process. : **MADHUSUDAN KULKARNI  
The Ramco Cements Limited  
Govindapuram works  
Sendurai road, Ariyalur - 621713**
- II. Industry category Primary – (STC Code) : **Red**  
Secondary – (STC Code)
- III. Production capacity : **5.5 MTPA**
- IV. Year of establishment : **2009**
- V. Date of last environmental statement submitted : **25.09.2019**

**PART – B**

Water and Raw Material Consumption:

- I. Water Consumption in m<sup>3</sup>/d
- Process : **- KLD**
- Cooling : **992 KLD**
- Domestic : **317 KLD**

Name of Products	Process water consumption per unit of products	
	during the previous financial year	during the current financial year
1. -	-	-
2.		
3.		
4.		

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II. **Raw material consumption**

S. No.	Name of raw materials *	Consumption of raw materials per unit of output	
		during the previous financial year	during the current financial year
1.	Limestone	<b>1.342</b>	<b>1.394</b>
2.	Bauxite	-	-
3.	Iron ore	-	-
4.	Gypsum	<b>0.0331</b>	<b>0.0322</b>
5.	Fly ash	<b>0.1502</b>	<b>0.1751</b>
6.	Coal	<b>0.0866</b>	<b>0.0905</b>
7.	Slag	<b>0.0243</b>	<b>0.0374</b>

Industry may use codes if disclosing details of raw material would violate contractual obligations, other wise all industries have to name the raw materials used.

**PART – C**

**Pollution discharged to environment / unit of output**

(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/ volume)	Percentage of variation from prescribed standards with reasons.
a) Water	<b>1.72</b>	-	-
b) Air	<b>88.26</b>	-	-

**PART – D**

**Hazardous Wastes**

Is specified under Hazardous Wastes (Management & Handling Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1) From Process	Nil	Nil
2) From Pollution Control Facilities		

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**PART – E**

**Solid Wastes:**

Name of raw materials *	Consumption of raw materials per unit of output	
	during the previous financial year	during the current financial year
(a) From process	<b>No solid waste generated</b>	
(b) From Pollution Control Facility	-	-
(C) Quantity recycled or re-utilised within the unit	<b>N.A.</b>	<b>N.A.</b>

**PART – F**

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

**Annexure - I**

**PART – G**

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

**Annexure - II**

**PART – H**

Additional measures / investment proposal for environmental protection including abatement of pollution.

**Annexure - III**

**PART – I**

**Miscellaneous:**

Any other particulars in respect of environmental protection and abatement of pollution.

**Annexure - IV**

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Annexure –I

### PART – F

**Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

#### Waste oil Characteristics

Sp. gravity	:	Variable
Physical status	:	Liquid
Chemical composition	:	Hydrocarbon
Calorific value	:	6000 – 10000 kcal/kg

We are consuming waste oils for lubrication of chains.

No solid waste generated in the cement plant. However, the thermal power plant ash is utilized completely in cement manufacturing process.

We have co-processed the common effluent treatment plant sludge from textile industries. We have utilized **1588.03 MT** of CETP sludge at our unit.

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## **THE RAMCO CEMENTS LIMITED**

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Annexure – II

### **PART – G**

#### **Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.**

- **Rs. 13.49 Lakhs**/annum (2019-20) was spent towards periodical maintenance of pollution Control equipments (Bags & Cages replacement in Main Bag House, Bag filters, purging valves, solenoid valve coils replacement, Spares consumption in purging compressor) in order to function efficiently.
- We have planted around **750** trees from April 19 to Mar 20 within the plant premises. Overall we have planted **83511** trees in and around our premises covering **39.29%** of the total area.

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Annexure – III

**PART – H**

**Additional measures/investment proposed done for environmental specification including the basement of prevention of pollution.**

- Sewage Treatment plant with a Capacity of 350 m<sup>3</sup>/ day is being operated efficiently and meets the standards prescribed by the board and the treated Sewage water is being used for green belt development.
- We had erected one bag filter for Clinker Silo extraction for a value of **Rs. 8.00 Lakhs.**
- We had also carried out few venting line modification during 2019 – 2020 and the amount incurred was **Rs. 1.00 Lakh.**

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Annexure – IV

**PART – I**

**Any other particulars in respect of environmental protection and abatement of pollution.**

1. Tree planting works in farmer's field in-and around factory and mines areas for sustainable development to farmers worth **Rs. 6.30 Lakhs.**
2. We donated plastic ban awareness board to TNPCB at Ariyalur District worth **Rs. 1.08 Lakhs.**
3. Construction of RCC overhead water tank with the capacity of 15300 litres in APM Nagar worth **Rs. 1.86 Lakhs.**
4. Bore well drilling in Ameenabad & APM Nagar for providing safe drinking water and conducted resistivity survey worth **Rs. 8.98 Lakhs.**
5. We provided safe drinking bore well drilling in Vidya Mandir School worth **Rs. 8.69 Lakhs.**
6. Renovation of girls & staff ladies toilet to government ITI, Ariyalur worth **Rs. 4.05 Lakhs.**
7. Construction of ladies public toilet building in Govindapuram village in order to avoid open defecation worth **Rs. 8.86 Lakhs.**

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