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IS 18001: 2007  
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 2018

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

Dear Sir,

**Sub: - Environmental Statement for the financial year 2017-18 – Reg.**

We hereby submit the form V duly filled with regard to the Environmental Statement for the financial year 2017 - 2018.

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

Thanking You,

Yours Faithfully,

For **THE RAMCO CEMENTS LIMITED**

**C. Ravichandran**  
**Asst. Vice President (Admin)**

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 2018

**PART – A**

- I. Name and address of the owner / Occupier of the industry operation or process. **C. RAVICHANDRAN  
The Ramco Cements Limited  
Govindapuram works  
Sendurai road, Ariyalur - 621713**
- II. Industry category Primary – (STC Code) Secondary – (STC Code) – Red
- III. Production capacity – Units **5.5 MTPA**
- IV. Year of establishment **2009**
- V. Date of last environmental statement submitted **25.09.2017**

**PART – B**

Water and Raw Material Consumption:

I. Water Consumption in m3/d

Process	:	<b>621 KLD</b>
Cooling	:	<b>104 KLD</b>
Domestic	:	<b>248 KLD</b>

Name of Products	Process water consumption per unit of products	
	during the previous financial year	during the current financial year
1.		
2.		
3.		
4.		
5.		
6.		

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	1.416	1.400
2.	Bauxite	-	-
3.	Iron ore	-	-
4.	Gypsum	0.0355	0.0311
5.	Fly ash	0.2103	0.1517
6.	Coal	0.0773	0.0799
7.	Slag	0.0345	0.0322

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	1.86	-	-
b) Air	71.01	-	-

**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	4.4 MT	Nil
2) From Pollution Control Facilities		

**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**

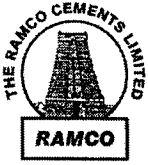
**PART – I**

**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.**

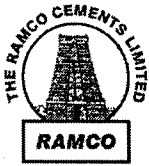
#### **Waste oil Characteristics**

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 6016.50 MT of CETP sludge at our unit.



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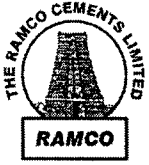
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Annexure – II

**PART – G**

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

- We have installed a bag filter at Line-1 coal hopper top worth **Rs. 16 Lakhs.**
- **Rs. 6.00 Lakhs/annum (2017-18)** 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 **2500** trees within the plant premises so far in this year. Overall we have planted **82011** trees in and around our premises covering **38.38%** of the total area. We have spent **Rs. 69.98** Lakhs towards green belt development and maintenance for last year.



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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 350m<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 have spent **Rs. 22.62 Lakhs** last year for the efficient operation of STP to meet the prescribed standards.



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Annexure – IV

### PART – I

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

1. We have desilted lake and channel for Govindapuram Vettan Kulum Eri in Ariyalur district worth **Rs. 2.37 Lakhs.**
2. We have implemented 5S practices at Kattupringium Model Government Higher Secondary School where we teach about the health and hygiene and environmental cleanliness to the children. The training and other aides given were worth **Rs. 4.87 Lakhs.**
3. We celebrated the environment day by planting trees and creating awareness among the employees.
4. We have construction of drinking bore well drilling work at Govindapuram village worth of **Rs. 2.47 Lakhs.**
5. We have constructed of pre-cast compound wall work at Govindapuram government higher secondary school worth of **Rs. 40,000.**
6. We have constructed a bore well for drinking water purpose at Nallambathai village worth **Rs. 4.22 Lakhs.**
7. We spent **Rs. 24.66 Lakhs** towards the construction of road and culvert from Off Sendurai road to Nallambathai Village.
8. We spent **Rs. 2.72 Lakhs** towards landscape garden development works at BSNL roundana.
9. We have distributed of 4000 cotton bags to ariyalur public in exchange of plastic bags worth **Rs. 38,685.**
10. Renovation of the drinking water tank and septic tank along with whitewashing the school building at St. Mary's primary school for **Rs. 28,862.61.**
11. Providing packed drinking water towards MGR's centenary function to local public at ariyalur worth **Rs. 13,500.**

Registered Office: 'Ramamandiram', Rajapalayam – 626 117. Tamil Nadu  
Corporate Office: Auras Corporate Centre, V Floor, 98-A Dr.Radhakrishnan Salai, Mylapore, Chennai – 600 004.