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**THE RAMCO CEMENTS LIMITED**

(formerly Madras Cements Ltd.)

22<sup>nd</sup> Sep 2016

To

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office, Main Road,  
Madhavadhara VUDA Colony,  
Visakhapatnam – 530 118

Dear sir,

**Sub:** Environmental Statement for the financial year 2015-16-Reg.

We hereby submit the Form V duly filled with regard to the Environmental Statement for the financial year 2015-16. The necessary annexure are enclosed along with Form-V. Kindly acknowledge on the receipt.

Thanking You,

Yours Faithfully,  
For **THE RAMCO CEMENTS LIMITED**

*Sudhansu Gantayet*

**Sudhansu Gantayet**  
**Sr.General Manager - Works**

Encl: As above



**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 2016**

**PART – A**

- I Name and address of the owner / occupier of the industry operation or process : **Sudhansu Gantayet  
Sr.General Manager - Works  
The Ramco Cements Limited  
Gobburupalem & Gobburu  
A.S. Peta (Post), Kasimkota (MD),  
Visakhapatnam(Dt.),  
Andhra Pradesh.**
- Industry operation or process : **Cement Grinding Operation**
- II Industry category primary–(STC Code) : **Red**  
Secondary - (STC Code)
- III Production Capacity - Units : **0.95 MTPA**
- IV Year of Establishment : **24.04.2015**
- V Date of the last environment audit report submitted : **Since plant commissioned on 24.04.2015, first environmental statement report to be submitted in the month of 30<sup>th</sup> Sep 2016.**

**PART – B**

**WATER AND RAW MATERIAL CONSUMPTION**

**I. Water consumption in m<sup>3</sup>/day**

- Process - Cooling : 60 m<sup>3</sup>/day  
Domestic : 15 m<sup>3</sup>/day

Name of the products	Process water consumption per unit of products	
	During the previous financial year (2014-15)	During the current financial year (2015-16)
Cement	--	0.97m <sup>3</sup> /MTPA

**II. Raw material consumption:**

S. No	Name of raw materials	Consumption of raw material per unit of output	
		During the previous financial year (2014-15)	During the current financial year (2015-16)
1.	Clinker	803.31	178057.79
2.	Gypsum	41.41	13133.74
3.	Flyash	353	80489

Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise 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)	Percentage Variation from prescribed standards with reasons.	Pollution Board Norms
Air	PM10 Conc, ug/Nm <sup>3</sup>	55.39	Well within the specified limits	100
	PM2.5 Conc, ug/Nm <sup>3</sup>	19.92		60
	SO2 Conc, ug/Nm <sup>3</sup>	11.75		80
	NOx Conc, ug/Nm <sup>3</sup>	17.64		80
Water	----	----		---

### PART - D

#### III. HAZARDOUS WASTES

As specified under Hazardous Wastes (Management and Handling Rules. 1989)

Hazardous wastes	Total Quantity (kg)	
	During the previous financial year 2014-15	During the current financial year 2015-16
1. From Process	Nil	Nil
2. From pollution control facilities	Nil	Nil

### PART - E

#### SOLID WASTES

Solid Wastes	During the previous financial year 2014-15	During the current financial year 2015-16
(a) From process	recycled	recycled
(b) From pollution control facility	recycled	recycled
(c) Quantity recycled or re-utilized	recycled	recycled

### 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

- As of now there is no hazardous waste has been generated.

## **PART - G**

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

- We have installed all the pollution control measures for the conservation of natural resources and the cost of production also has come down due to the zero dust emission.
- AAQ Station is installed and online stack emission is connected to care air centre.
- We are using fly ash as raw material for cement manufacturing, so clinker consumption will get reduced.
- We are operating 33 nos. of bag filters, cement plant in and around area is free from air pollution.
- During 2015-16, we have planted green belt around 18 acres of land with cost of Rs.17,88,000/-
- Total 2.6 kms of Bitumen Topping road is laid in the plant premises with cost of Rs. 8,80,59,069/-

## **PART – H**

### **Additional investment proposal for environmental protection including abatement of pollution**

- The proposal of Green belt development during 2016-17 (financial year) is around Rs.249500/- which will cover 5.5 acres of land.
- As on 31.03.2016, 12 nos. rain water harvesting pits installed within the plant premises.

## **PART - I**

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

- We celebrated the environment day by planting trees and creating awareness among the employees.
- It is proposed to implement Integrated Management System (IS/ISO 9001:2008, IS/ISO 1400 - 2004, IS/ISO: 18001-2007) presently we are in the process of obtaining System.