

CCCPL/DACHEPALLI/ENV/09

21st September, 2019

**The Environmental Engineer,
Andhra Pradesh Pollution Control Board,
Regional Office, Flat No.102,
Raghava Apartments, Brindavan Gardens,
GUNTUR – 522006 (Andhra Pradesh)**

Sub: Submission of Environmental Statement (Form-V) under Rule No.14 of E (P) Rules, 1986 & amendments thereof for our 0.9 MTPA Cement Grinding Activity located at Pedagarlpadu (V), Dachepalli (M), Guntur District, Andhra Pradesh for the period 2018-19 - Reg.

**Ref: 1. Consent Order No APPCB/VJA/GNT/347/CFO/HO/2018 Dated 12/12/2018.
2. Environmental Clearance F.N. J-11011/421/2011-IA.II (I) Dated 24th February, 2015.**

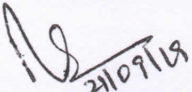
Dear Sir,

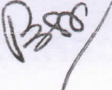
Reference with the Consent Order and Environmental Clearance cited above, we are herewith attached Environmental Statement (Form-V) under Rule No.14 of E (P) Rules, 1986 & amendments thereof for our 0.9 MTPA Cement Grinding Activity located at Pedagarlpadu (V), Dachepalli (M), Guntur District, Andhra Pradesh for the period 2018-19.

This is for your information & records please.

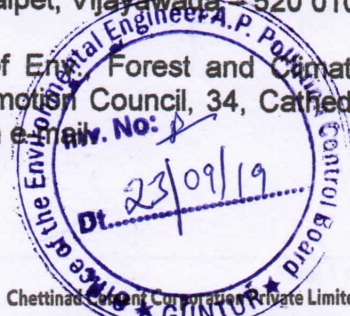
Thanking you,

Yours faithfully,
For **Chettinad Cement Corporation Private Limited**,


P. SREEDHAR
Joint President (Works)

 Encl: Form-V 

1. Member Secretary, Andhra Pradesh Pollution Control Board, D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010 (AP).
2. Addl. Principal Chief Conservator of Forests (C), Ministry of Env. Forest and Climate Change, Regional Office (SEZ), 1st & 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34 (TN) – Soft copy through e-mail.



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ENVIRONMENTAL STATEMENT (FORM-V)

Financial Year 2018-19



Chettinad Cement Corporation Private Limited
Pedagarlpadu (V), Dachepalli (M),
Guntur (Dist.), Andhra Pradesh -522437

September 2019

FORM – V

(See Rule 14)

Environmental Statement Report for Financial Year Ending 31st March 2019**Part – A**

A) Name and address of the owner /occupier of the industry operation or process:

P. Sreedhar
 Joint President (Works)
 Chettinad Cement Corporation Private Limited
 (Cement Grinding Activity)
 Sy. No 184, 185 etc., of Pedagarlapadu (V)
 Sy. No 642 & 643 of Kesanupalli (V),
 Dachepalli (M), Guntur District – 522 414, Andhra Pradesh

- B) Industry category Primary-(STC Code) : --
 C) Secondary- (SIC Code) : --
 D) Production capacity : 2465 TPD (0.9 Million Tonnes/Annum)
 E) Year of establishment : 2018
 F) Date of last environmental statement submitted : Submitting First Time.
 (CFO obtained on 12.12.2018)

Part – B**Water and Raw Material Consumption**1. Water consumption in m³/day:

Process : 30
 Cooling : --
 Domestic : 10

Name of the products	Process water consumption per unit of products (m ³ /Tonne of Product)	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
Cement	NA	0.091

2. Raw Material Consumption:

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2017-18)	During the current financial year (2018-19)
Clinker	Cement	NA	0.96
Gypsum	Cement	NA	0.04

Part – C
Pollution Discharged To Environment/Unit of Output

(Parameter as specified in the consent issued)

Pollutants		Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water	Pollutants	Kg/day	mg/L	%
Domestic Sewage	Total Dissolved Solids	2.95	986	-53.0
	Total Suspended Solids	0.11	37	-81.5
	Chemical Oxygen Demand	--	125	-50.1
	Biological Oxygen Demand	--	28	-72.3
b) Air	Pollutants	Kg/day	mg/Nm³	%
Emissions from Cement Mill Stack	Particulate Matter	9.7	22.7	-24

Part – D
Hazardous Waste

As specified under

Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Hazardous waste	Total Quantity	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
a) Form Process		
Used/Waste Oil	NA	Nil
Hi-Chrome Balls	NA	Nil
b) Form Pollution Control Facilities	NA	Nil

Part – E
Solid Waste

Solid waste	Total Quantity (Tonnes)	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
A. From process	NA	
B. From pollution control facilities	NA	20 kg/day cement dust from Bag house and same was recycled back in to process.
C.		
1. Quantity recycled or re-utilized within the unit	NA	Nil
2. Sold	NA	Nil
3. Disposed	NA	Nil

Part – F

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

Consent for Operation was obtained on 12.12.2018.

Hazardous waste was not generated for the period 2018-19.

Part – G

Impact of the Pollution Control Measures on Conservation of Natural Resources and Consequently On the Cost of Production

Consent for Operation was obtained on 12.12.2018.

Sewage Treatment Plant with capacity 150 KLD was installed for treatment of domestic water from colony and cement plant. STP treated water is being used for greenbelt development purpose. Thus, same amount of fresh water was saved.

Part – H

Additional Investment for Environmental Protection Including Abatement of Pollution

Consent for Operation was obtained on 12.12.2018.

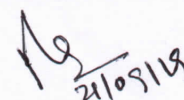
- An amount of 176.34 lakhs incurred towards capital expenditure for providing pollution control equipment such as Bag House, CEMS for Cement Mill and Sewage Treatment Plant for treatment of domestic sewage.
- An amount of 2.17 lakhs incurred towards STP operation, Greenbelt development and maintenance.

PART – I

Any Other Particulars for Improving the Quality of the Environment

Greenbelt was developed in an area of about 6.57 ha with 7300 no's of plants at Cement Plant and Colony as on 31.03.2019. Proposed greenbelt development for 2019-20 is with 5000 saplings.

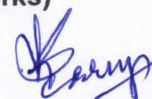
Authorized Signatory


21/09/19

P. Sreedhar

Joint President (Works)





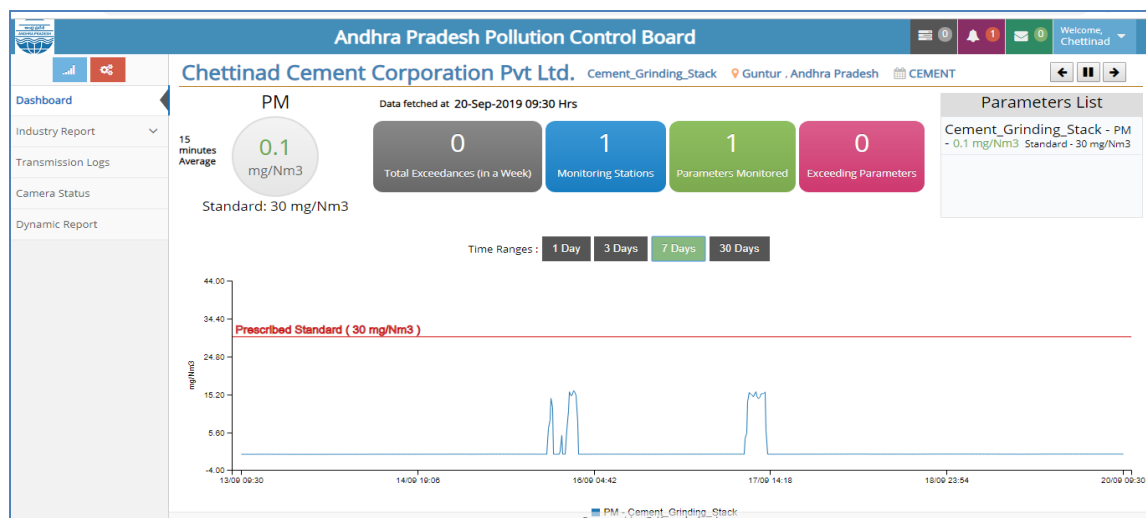
1. Greenbelt Development:



2. Sewage Treatment Plant: (150 KLD capacity)



3. Continuous Emission Monitoring System (PM-CEMS): (Cement Mill Stack)



4. Air Pollution Control Device:



Cement Mill Main Bag house



Bag Filters at transfer points

5. Water Flow Meters:



Flow meter for domestic consumption



Flow meter for Cement Mill consumption