



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000042910

### Submitted Date

30-06-2022

## PART A

### Company Information

#### Company Name

Chettinad Cement Corporation Pvt. limited Cement grinding unit

#### Application UAN number

MPCB-CONSENT-0000099248

#### Address

Ahuj (A) & Alegaon Villages

#### Plot no

126,127,129,130/2a-2b,42/1-6,43/1a-1c,44,45/1a-1f,43/2

#### Taluka

South Solapur

#### Village

48.92 ha

#### Capital Investment (In lakhs)

30375.36

#### Scale

L.S.I

#### City

Solapur

#### Pincode

413003

#### Person Name

Jaykumar

#### Designation

Vice President (Works)

#### Telephone Number

7358013864

#### Fax Number

0

#### Email

jaykumar@chettinadcement.com

#### Region

SRO-Solapur

#### Industry Category

Red

#### Industry Type

R26 Cement

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000099248

#### Consent Issue Date

2021-06-15

#### Consent Valid Upto

2022-10-31

#### Establishment Year

2013

#### Date of last environment statement submitted

Sep 21 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Cement

#### Consent Quantity

2000000

#### Actual Quantity

1236151.843

#### UOM

MT/A

### By-product Information

#### By Product Name

Not Applicable

#### Consent Quantity

0

#### Actual Quantity

00

#### UOM

MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

#### Water Consumption for

#### Consent Quantity in m3/day

#### Actual Quantity in m3/day

<b>Process</b>	0.00	0.00
<b>Cooling</b>	300.00	25.00
<b>Domestic</b>	35.00	24.00
<b>All others</b>	0.00	0.00
<b>Total</b>	335.00	49.00

## 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Domestic	25	22	CMD

## 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Cement	0	0	CMD

## 3) Raw Material Consumption (Consumption of raw material per unit of product)

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Clinker	1038498.878	182982.371	MT/A
Gypsum	50324.247	9351.261	MT/A
Fly ash	100071.388	33833.995	MT/A
Limestone	47257.33	6408.956	MT/A

## 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Diesel	100000	4000	Ltr/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
SS From STP Outlet	0.00264	0.12	Compared to Norm Less by 76%	50	NA
COD From STP Outlet	1.0586	48.1	Compared to Norm Less by 51.9%	100	NA
BOD From STP Outlet	0.286	13	Compared to Norm Less by 56.66%	30	NA

#### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged (Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
TPM	18.86	23	Compared to Norm Less by 23.33%	30	NA

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	1.41	0.4	KL/A

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## 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.

#### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	1.41	KL/A	Sale to Authorised Party

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

## Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	00	00	0	0	00	00

## Part-H

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**Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.**

**[A] Investment made during the period of Environmental Statement**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
Maintenance & Replacement of Bag Filters	Air Pollution Control Measures	24
Plantation of saplings , Additional rainwater harvesting structures , construction of roads to control the fugitive emissions	Other Measures/Air Pollution Control Measures	28

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**[B] Investment Proposed for next Year**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
Maintenance & Replacement of Bag Filters	Air Pollution Control Measures	55

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**Part-I**

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**Any other particulars for improving the quality of the environment.**

**Particulars**

NA

**Name & Designation**

Shreenivasa Babu BR

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000042910

**Submitted On:**

30-06-2022