



# Maharashtra Pollution Control Board

## महाराष्ट्र प्रदूषण नियंत्रण मंडळ

### FORM V

(See Rule 14)

#### Environmental Audit Report for the financial Year ending the 31st March 2023

##### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000058891

##### Submitted Date

22-09-2023

### PART A

#### Company Information

##### Company Name

Orient Cement Limited Clinker Grinding Unit

##### Application UAN number

MPCB-CONSENT-0000144251

##### Address

At NH-6, PO. Nashirabad, Taluka and Distt. Jalgaon

##### Plot no

162,166,173 to 175, 736 to 744, 2495,898/1

##### Taluka

Jalgaon

##### Village

Nashirabad

##### Capital Investment (In lakhs)

20728.17

##### Scale

L.S.I

##### City

jalgaon

##### Pincode

425309

##### Person Name

Bala Giridhar

##### Designation

Vice President - Works

##### Telephone Number

7353757435

##### Fax Number

02572356290

##### Email

ehs.cgu@orientcement.com

##### Region

SRO-Jalgaon

##### Industry Category

Red

##### Industry Type

R26 Cement

##### Last Environmental statement submitted online

yes

##### Consent Number

MPCB-CONSENT-0000144251

##### Consent Issue Date

2022-12-15

##### Consent Valid Upto

2024-10-31

##### Establishment Year

2001

##### Date of last environment statement submitted

Sep 29 2022 12:00:00:000AM

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

#### Product Information

##### Product Name

OPC & PPC

##### Consent Quantity

190010

##### Actual Quantity

95652

##### UOM

#### By-product Information

##### By Product Name

NA

##### Consent Quantity

0

##### Actual Quantity

0

##### UOM

### 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>	90.00	39.30
<b>Domestic</b>	21.00	19.10
<b>All others</b>	88.00	45.80
<b>Total</b>	199.00	104.20

#### **2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	0	0	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	813146.00	758433.00	Ton/Y
GYPSUM	47350.00	57097	Ton/Y
FLY ASH	377967.00	345391.76	Ton/Y

#### **4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
HSD	229.95	111	KL/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 Reason</b>	
				<b>Quantity</b>	<b>%variation</b>
ZLD Maintained	0	0	0	0	0

##### **[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 Reason</b>	
				<b>Quantity</b>	<b>%variation</b>
Polycom Line - 1 (PM)	1.656	13.19	0	30 mg/Nm3	0
Cement Mill - I (PM)	2.941	16.44	0	30 mg/Nm3	0
Cement Mill - II (PM)	7.568	18.46	0	30 mg/Nm3	0
Packer - I (PM)	1.865	13.14	0	30 mg/Nm3	0
Packer - II (PM)	1.724	13.43	0	30 mg/Nm3	0
Wagon Tippler (PM)	2.94	13.30	0	30 mg/Nm3	0
New Packing Plant (PM)	0.815	13.29	0	30 mg/Nm3	0

**Part-D****HAZARDOUS WASTES****1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	4.2	4.2	KL/A

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0	0	KL/A

**Part-E****SOLID WASTES****1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
PP Bags	18.50	17.98	Ton/Y

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	Ton/Y

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

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0	0	Ton/Y

**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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	4.2	KL/A	Black in colour, Oily

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Cement Clinker Dust	100	Ton/Y	Cement Clinker Dust

**Part-G**

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

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

## Part-H

### **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>
Green belt development	Green belt development	16.31
Consent to Operate (CTO) fees	Statutory Permit	4.24
Monitoring Expenses	CMC for online Monitoring equipment)	29.02
Third Party Environment Monitoring Expenses	Environmental Monitoring	0.77
Calibration of ENV Monitoring Equipment's	Calibration of ENV Monitoring Equipment's	0.92
House keeping	Plant and Office cleaning, Road, Office and Sweeper tractor breaker TPS etc. for Cleaning)	48.51
Pollution Control Equipment	Maintenance of Pollution Control Equipment	1.05
Power consumption	Power consumption of Air Pollution Control Equipment	130.93
Any other	MPCB Factory License	1.16

#### **[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>
Establishment of Environmental Laboratory	In house Environmental Monitoring	16

## Part-I

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

#### **Particulars**

1. Establishment of Solid Waste Yard for scientific storage and disposal of Non-Biodegradable Waste. 2. Vermicompost unit established for green waste. 3. Conducted training and awareness on Plastic Waste Management. 4. Distributed Bins for collection of Plastic Waste. 5. Placed color coding dust bins for storage of biodegradable and non-biodegradable waste.

#### **Name & Designation**

Shri. Bala Giridhar

#### **UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000058891

#### **Submitted On:**

22-09-2023