



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

Process	0.00	0.00
Cooling	90.00	39.30
Domestic	21.00	19.10
All others	88.00	45.80
Total	199.00	104.20

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
NA	0	0	CMD

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

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

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
CLINKER	813146.00	758433.00	Ton/Y
GYPSUM	47350.00	57097	Ton/Y
FLY ASH	377967.00	345391.76	Ton/Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	229.95	111	KL/A

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
ZLD Maintained	0	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
	Quantity	Concentration	%variation	Standard	Reason
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			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	4.2	4.2	KL/A

2) From Pollution Control Facilities			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	KL/A

Part-E

SOLID WASTES			
1) From Process			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PP Bags	18.50	17.98	Ton/Y

2) From Pollution Control Facilities			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Ton/Y

3) Quantity Recycled or Re-utilized within the unit			
Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	4.2	KL/A	Black in colour, Oily

2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
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.

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	0	0	0	0	0	0

Part-H

<u>Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.</u>		
<u>[A] Investment made during the period of Environmental Statement</u>		
<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
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

<u>[B] Investment Proposed for next Year</u>		
<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
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