



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-0000048836

Submitted Date

29-09-2022

PART A

Company Information

Company Name

ORIENT CEMENT LTD. CLINKER GRINDING UNIT

Application UAN number

MPCB-CONSENT-0000118429

Address

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

Plot no

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

Taluka

Jalgaon

Village

Nashirabad

Capital Investment (In lakhs)

20501.14

Scale

L.S.I

City

jalgaon

Pincode

Person Name

M.P Joshi

Designation

Vice President

Telephone Number

9165510906

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-0000118429

Consent Issue Date

2022-02-04

Consent Valid Upto

2022-10-31

Establishment Year

2009

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name

(OPC & PPC)

Consent Quantity

2280120

Actual Quantity

1234463

UOM

Ton/Y

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Ton/Y

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	30.54
Domestic	21.00	4.85
All others	88.00	10.35
Total	199.00	45.74

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	15	8.0	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	302659	Ton/Y
Gypsum	59376.86	22353.50	Ton/Y
Fly Ash	377967	135595	Ton/Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	459.90	58.33	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) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Polycom Line - 1 (PM)	1.683	13.39	0	30 Mg/NM3	0
Cement Mill - I (PM)	1.44	13.18	0	30 Mg/NM3	0
Cement Mill - II (PM)	3.369	14.27	0	30 Mg/NM3	0
Packer - I (PM)	1.907	14.02	0	30 Mg/NM3	0
Packer - II (PM)	1.802	13.44	0	30 Mg/NM3	0
Wagon Tippler (PM)	3.04	13.87	0	30 Mg/NM3	0
New Packing Plant (PM)	0.815	13.28	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	4.92	4.2	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	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
NA	0	0	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Cement Clinker Dust (100% Recycled)	100	100	Ton/Y

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	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	4.92	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 Dust, Clinker Dust, Fly Ash

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

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

[A] Investment made during the period of Environmental Statement

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Environmental monitoring expances	Environmental pollution control	36.64
Housekeeping	Air & water Pollution mitigation measure	42.59
Maintenance of Air Pollution Control Equipment	Air Pollution mitigation measure	8.43
Green Belt Development- Revenue	Air Pollution mitigation measure	16.98
Power consumption for APCD	Air Pollution mitigation measure	199.32

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Modification of Sewage Treatment Plant	Wastewater Management Practices	20

Part-I

Any other particulars for improving the quality of the environment.

Particulars
Continuous Online Monitoring equipment's installed for AAQ & Stack emission monitoring. 41% area of the total land is already covered under green belt development.

Name & Designation
M. P. Joshi, Vice President

UAN No:
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Submitted On:
29-09-2022