



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000033545

Submitted Date

22-07-2021

PART A

Company Information

Company Name

ORIENT CEMENT LTD. Clinker Grinding Unit

Application UAN number

MPCB-CONSENT-0000010664

Address

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

Plot no

736-744, 898/1, 162, 166, 168, 170, 173-175

Taluka

Jalgaon

Village

Nashirabad

Capital Investment (In lakhs)

18948.92

Scale

L.S.I

City

jalgaon

Pincode

Person Name

MP 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-0000010664

Consent Issue Date

08.05.2017

Consent Valid Upto

31.10.2021

Establishment Year

2009

Date of last environment statement submitted

Jul 22 2020 12:00:00:000AM

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

STC

Product Information

Product Name

(OPC & PPC)

Consent Quantity

2280120

Actual Quantity

1054721

UOM

Ton/Y

By-product Information

By Product Name

NA

Consent Quantity

NA

Actual Quantity

NA

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	0
Cooling	110	33.59
Domestic	21	16.96
All others	125	21.50
Total	256	72.06

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	15	4.47	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	0.657	0.653	Ton/Ton
Gypsum	0.039	0.039	Ton/Ton
Fly Ash	0.304	0.308	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	459.9	6.81	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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Domestic Waste -pH	0	7.7	0	5.5-9.0	NA
Domestic Waste - TSS	0.036	8.0	0	100	NA
Domestic Waste - BOD	0.033	7.3	0	30	NA
Domestic Waste - COD	0.107	24.0	0	250	NA
Domestic Waste Oil & Grease	0	<1	0	10	NA

[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	Standard	Reason
	Quantity	Concentration	%variation		
TPM -Polycom Stack Line-1	1.851	18.51	0	30	NA

TPM- Cement Mill-1 Stack	1.656	18.34	0	30	NA
TPM - Common Process Stack Line-2	4.639	19.61	0	30	NA
TPM - Packer -1 Stack	1.444	18.91	0	30	NA
TPM- Packer-2 Stack	1.476	19.56	0	30	NA
TPM- New Packing Plant Stack	1.090	19.20	0	30	NA
TPM- DG Set Stack	0.006	19.45	0	30	NA
Wagon Tippler Stack	2.97	19.23	0	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 /spent oil	4.1	2.26	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	NA	NA	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	NA	NA	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 in the process	100% recycled in the process	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 /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 /spent oil	2.26	KL/A	Black in color, Oily, Flammable

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Cement Clinker Dust	100% recycled in the process	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	NA	NA	NA	NA	NA	NA

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environmental monitoring expences	Environmental pollution control	33.31
Housekeeping	Air & water Pollution mitigation measure	38.72
Maintenance of Air Pollution Control Equipment	Air Pollution mitigation measure	7.66
Green Belt Development- Revenue	Air Pollution mitigation measure	15.44
Power consumption for APCD	Air Pollution mitigation measure	181.2

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Construction of Concrete road at near canteen area	Dust Emission control	20

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Continuous Online Monitoring equipments 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:

MPCB-ENVIRONMENT_STATEMENT-0000033545

Submitted On:

22-07-2021