



# 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-0000059446

### Submitted Date

25-09-2023

## PART A

### Company Information

#### Company Name

JSW Cement Limited

#### Application UAN number

MPCB-CONSENT-0000114612/CR-2110000929

#### Address

Village-Khar Karavi, P.O-Gadab, Tal.-  
Pen, Dist.-Raigad

#### Plot no

NA

#### Taluka

Pen

#### Village

Khar Karavi

#### Capital Investment (In lakhs)

21013

#### Scale

Large

#### City

Pen

#### Pincode

402107

#### Person Name

Manish Pujari

#### Designation

Unit-Head (GM)

#### Telephone Number

9449598309

#### Fax Number

02143277725

#### Email

manish.pujari@jsw.in

#### Region

SRO-Raigad II

#### Industry Category

Red

#### Industry Type

R26 Cement

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No. MPCB-  
CONSENT-0000114682/CR-2110000929

#### Consent Issue Date

2021-10-20

#### Consent Valid Upto

2026-07-31

#### Establishment Year

1999

#### 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

Portland Slag Cement/Ground Granulated Blast Furnace Slag Cement

#### Consent Quantity

1700000

#### Actual Quantity

1106621

#### UOM

MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

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

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	255.00	254.99
Domestic	20.00	19.98
All others	5.00	4.99
<b>Total</b>	<b>280.00</b>	<b>279.96</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	0	0	CMD
Domestic effluent	14	11.5	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
GGBS	0	0	
PSC	0	0	

### 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
Granulated Slag for GGBS	1.00	1.00	Ton/Ton
Clinker for PSC	0.371	0.304	Ton/Ton
Granulated Slag for PSC	0.579	0.662	Ton/Ton
Chemical Gypsum	0.024	0.017	Ton/Ton
Anhydrite Gypsum	0.0267	0.017	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Blast Furnace Gas	2376000	2330533	M3/Month
Coke Oven Gas	504000	3148.76	M3/Month
LDO/HSD	509700	66143	Ltr/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
Nil	0	0	Nil	Nil	Nil

#### [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
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	Quantity	Concentration	%variation	Standard	Reason
TPM (VRM-1)	40.98	14.66	0	30	Good Control
TPM (VRM-2)	36.86	13	0	30	Good Control

## 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	0	0	MT/A

#### 2) From Pollution Control Facilities

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

#### 2) From Pollution Control Facilities

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

#### 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)
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## 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>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Power cost, Filter Bags and Cage cost	To control dust emission	648.91
Green Belt Development	To develop garden and plantation	2.92

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Green Belt Development	Tree Plantation and Gardening	2.15

## Part-I

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

#### Particulars

NA

#### Name & Designation

Manish Pujari- Unit Head (GM)

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000059446

#### Submitted On:

25-09-2023