



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2018

### Company Information

**Company Name**

JSW Cement Limited

**Application UAN number**

NA

**Address**

Village- Khar Karavi, Post-Gadab

**Plot no**

NA

**Taluka**

Pen

**Village**

Khar Karavi

**Capital Investment (In lakhs)**

15159

**Scale**

Large

**City**

PEN

**Pincode**

402107

**Person Name**

Sanjay Jadhav

**Designation**

VP

**Telephone Number**

02143277601

**Fax Number**

02143277725

**Email**

mayank.shrivastav@jsw.in

**Region**

SRO-Raigad II

**Industry Category**

Red

**Industry Type**

R26 Cement

**Last Environmental statement submitted online**

yes

**Consent Number**

1.0/BO/CAC-Cell/EIC No.: RD-325216/CAC  
26.08.2016

**Consent Issue Date**

26.08.2016

**Consent Valid Upto**

31.07.2020

### Product Information

**Product Name**

Portland Slag Cement

**Consent Quantity**

1700000

**Actual Quantity**

967553

**UOM**

MT/A

### By-product Information

**By Product Name**

NA

**Consent Quantity**

NA

**Actual Quantity**

NA

**UOM**

MT/A

### 1) Water Consumption in m3/day

**Water Consumption for Process****Consent Quantity in m3/day**

NA

**Actual Quantity in m3/day**

132

**Cooling**

547

165

**Domestic**

20

17

**All others**

4.5

17

**Total**

571.5

331.0

### 1) Effluent Generation in CMD / MLD

**Particulars**

Suspended Solids

**Consent Quantity**

100

**Actual Quantity**

88.50

**UOM**

MLD

Biochemical Oxygen Demand	100	46.54	MLD
Chemical Oxygen Demand	250	137	MLD
Oil & Grease	10	0.50	MLD

**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>
PSC & GGBS	0.0731	0.125	MT/A

**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	0.378	0.392	MT/A
Slag for PSC	0.581	0.571	MT/A
Natural Gypsum	0.0	0.0	MT/A
Chemical Gypsum	0.0170	0.02017	MT/A
Anhydrite Gypsum	0.0272	0.0215	MT/A
Slag for GGBS	1.00	1.00	MT/A

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Blast Furnace Gas	3300	1456	CMD
HSD	15914	194.181	KL/A

**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) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
NIL	NIL	NIL	NIL	NIL	NIL

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
SPM	29.38	8.92	5.94	150	Better control

**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 /spent oil	3.23	9.0	MT/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>
0	NA	NA	MT/A

**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>
NA	NA	NA	MT/A

### **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>
NA	NA	NA	MT/A

### **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>
0	NA	NA	MT/A

**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 /spent oil	9.0	MT/A	NA

#### **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>
NA	NA	MT/A	NA

**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>
Water Pollution	NA	NA	NA	NA	NA	NA
Air Pollution	NA	NA	NA	NA	73074709	NA

**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,Cage cost.	To control dust emission	72404709
Green Belt Development	To develop garden & plantation	670000

#### **[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 & Garden	650000

**Any other particulars in respect of environmental protection and abatement of pollution.**

#### **Particulars**

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#### **Name & Designation**

Mayank Shrivastav-AGM (Technical).