

17<sup>th</sup> Aug 2016  
15-16.



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016  
Company Information

<b>Company Name</b> JSW CEMENT LIMITED	<b>Application UAN number</b> NA	
<b>Address</b> Village Khar karavi, Post office Gadab		
<b>Plot no</b> NA	<b>Taluka</b> Pen	<b>Village</b> Khar Karavi
<b>Capital Investment (In lakhs)</b> 320	<b>Scale</b> Large	<b>City</b> Pen
<b>Pincode</b> 402107	<b>Person Name</b> GNB Rao	<b>Designation</b> AVP
<b>Telephone Number</b> 02143277601	<b>Fax Number</b> 02143277725	<b>Email</b> mayank.shrivastav@jsw.in
<b>Region</b> SRO-Raigad II	<b>Industry Category</b> Red	<b>Industry Type</b> R07 Cement
<b>Last Environmental statement submitted online</b> no	<b>Consent Number</b> 1.0/BO/CAC-Cell?EIC No:RD-3104-15/CAC-6198	<b>Consent Issue Date</b> 11/05/2016
<b>Consent Valid Upto</b> 31/07/2020		

### Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Portland Slag Cement	850512	313201	MT/A

### By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	NA	NA	MT/A

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
NA	NA	45
Cooling	432	65
Domestic	15	6
All others	4.2	7
Total	451.2	124

### 1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Suspended solid	100	74.31	MLD
Bio chemical oxygen demand	100	28	MLD

Chemical oxygen demand	250	67.5	MLD
Oil & grease	10	0	MLD

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
PSC & GGBS	0.06	0.067	MT/A

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	0.542	0.451	MT/A
Slag for PSC	0.419	0.511	MT/A
Natural Gypsum	0.012	0.000	MT/A
Chemical Gypsum	0.028	0.020	MT/A
Anhydrite Gypsum	0.032	0.022	MT/A
Slag for GGBS	1.006	1.006	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Blast Furnace Gas	1500	152.433	CMD
HSD	10220	1050.866	Ton/Y

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	Nil	Nil	Nil	Nil	Nil

[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
SPM	80.06	19.6	13.06	150	Better control

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	6.97	3.79	MT/A

2) From Pollution Control Facilities

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

SOLID WASTES

1) From Process

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

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used /spent oil	3.79	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	NA	MT/A	NA

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)
Air Pollution	NA	NA	NA	NA	34660047	NA

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 (Lacs)
Lower cost, filter bags, cage cost	To control dust emission	34262047
Green belt development	To develop garden and plantation.	398000

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacs)
Green belt development	Tree plantation and garden	450000

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

Particulars

Planning for up gradation of bag house to reduce air pollution which would cost approximate Rs. 2.5 crores.

Name & Designation

Mayank Shrivastav - AGM (Technical)

**Device Information**

Engine Cycles: 123981  
Service ID: 21010  
Device Serial Number: JPCXBBS002  
IP Address: 172.21.2.95

Job Folder	Job Name	Job Type	Copy Count
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	Unknown	Public	1
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