



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000024742

Submitted Date

06-08-2020

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-3252-16/CAC-9885

Consent Issue Date

26.08.2016

Consent Valid Upto

31.07.2020

Product Information

Product Name

GGBS

Consent Quantity

1700000

Actual Quantity

442700

UOM

MT/A

PSC

1700000

300738

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

110

Cooling

547

77

Domestic

20

21

All others

4.50

9

Total

571.5

217

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Suspended Solids	100	88.63	MLD
Biochemical Oxygen Demand	100	33.46	MLD
Chemical Oxygen Demand	250	99.17	MLD
Oil & Grease	10	1.0	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
GGBS	0.106	0.10	MT/A
PSC	0.106	0.10	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
Granulated Slag for GGBS	1.00	1.00	Ton/Ton
Clinker for PSC	0.379	0.379	Ton/Ton
Slag for PSC	0.579	0.579	Ton/Ton
Chemical Gypsum	0.0208	0.0272	Ton/Ton
Anhydrite Gypsum	0.0215	0.0180	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Blast Furnace Gas	3300	23513	CMD
HSD/LDO	15914	43.895	KL/A

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		
NIL	NIL	NIL	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	Standard	Reason
	Quantity	Concentration	%variation		
SPM	34.68	10.00	6.67	150	Better control
SPM	34.40	10.0	6.67	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 or spent oil	0.0	0.0	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
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 or spent oil	0.0	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	316.81192	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 (Lacks)
Power cost,Filter bags,Cage cost.	To control dust emmision	316.81192
Green Belt Development	To develop garden & plantation	6.80

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green Belt Development	Tree plantation & Garden	3.50

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

Particulars

NA

Name & Designation

Mayank Shrivastav-AGM (Technical).