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	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000060872	29-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW Cement Limited, (Cement Grinding Unit)	MPCBCONSENT- 0000159412/CO/2307001130	
Address		
95,96 & 98,Vill - Khar Karavi, PO.-Gadab, Tal-Pen,Dist-Raigad.		
Plot no	***Taluka***	***Village***
NA	Pen	Khar Karavi
Capital Investment (In lakhs)	***Scale***	***City***
23084	Large	Pen
Pincode	***Person Name***	***Designation***
402107	Manish Pujari	Unit-Head (GM)
Telephone Number	***Fax Number***	***Email***
9449598309	02143277725	manish.pujari@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R26 Cement
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000159412/CO/2307001130	2023-07-18
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2028-03-31	2018	Sep 12 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Ordinary Portland Cement (OPC)	360000	345910	Ton/Y
Portland Pozzolana Cement (PPC)	40000	0	Ton/Y
Composite Cement (CC)	40000	0	Ton/Y
Ground Granulated Blast Furnace Slag (GGBS)	500000	492815	Ton/Y
Portland Slag Cement (PSC)	260000	0	Ton/Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***

NA	0	0	MT/A

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	0.00	0.00
Cooling	129.00	128.99
Domestic	15.00	14.98
All others	10.00	9.99
Total	154.00	153.96

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	0	0	CMD
Domestic effluent	10	8	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
Ordinary Portland Cement (OPC)	0	0	
Portland Pozzolana Cement (PPC)	0	0	
Composite Cement (CC)	0	0	
Ground Granulated Blast Furnace Slag (GGBS)	0	0	
Portland Slag Cement (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 Ground Granulated Blast Furnace Slag (GGBS)	1.00	1.00	Ton/Ton
Clinker for Ordinary Portland Cement (OPC)	0.873	0.883	Ton/Ton
Slag for Ordinary Portland Cement (OPC)	.0878	0.0817	Ton/Ton
Chemical Gypsum0187	0.0187	0.017	Ton/Ton
Anhydrite Gypsum	0.0206	0.017	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Blast Furnace Gas	15600000	0	M3/Month
Coke Oven Gas	3240000	1877246.219	M3/Month
LDO	13200	0	M3/Month

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		
	Quantity	Concentration	%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		
	Quantity	Concentration	%variation	Standard	Reason
TPM	71.16	13.58	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)
Air Pollution	0	0	0	0	1.16	0

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)
Power cost, Filter Bags and Cage cost	To control dust emission	936.11
Green Belt Development	To develop garden and plantation	2.92

[B] Investment Proposed for next Year

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

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Manish Pujari- Unit Head (GM)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000060872

Submitted On:

29-09-2023