Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000045204	12-09-2022

PART A

Company Information

Company Name	***Application UAN number***
JSW Cement Limited(Cement Grinding Unit)	NA

Address

95,96&98, Vill- Khar Karavi, PO.-Gadab,Tal-Pen, Dist-Raigad

Plot no	***Taluka***	***Village***
95,96 & 98	Pen	Khar Karavi
Capital Investment (In lakhs)	***Scale***	***City***
23084	Large	Pen
Pincode	***Person Name***	***Designation***
402107	Mr. Manish Pujari	Unit Head (GM)
Telephone Number	***Fax Number***	***Email***
02143277601	02143277725	cementdolvi.office@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R26 Cement
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CAC/UAN No. 0000106885/CR-2107000771	2021-07-14
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-03-31	2018	Sep 23 2021 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	292743	Ton/Y
Portland Pozzolana Cement (PPC)	40000	0	Ton/Y
Composite Cement (CC)	40000	0	Ton/Y
Ground Granulated Blast Furnace Slag (GGBS)	500000	421050	Ton/Y
Portland Slag Cement (PSC)	260000	148407	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	120.00
Domestic	15.00	6.00
All others	10.00	3.50
Total	154.00	129.50

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Oil and Grease	10	1	MLD
BOD (3 Days 27 degree centigrade)	30	21.25	MLD
Total suspended Solids	100	35.42	MLD
COD	250	66.25	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
Ordinary Portland Cement (OPC)	.065	.061	CMD
Portland Pozzolana Cement (PPC)	0	0	CMD
Composite Cement (CC)	0	0	CMD
Ground Granulated Blast Furnace Slag (GGBS)	.065	.061	CMD
Portland Slag Cement (PSC)	0	0	CMD

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	0.375	.371	Ton/Ton
Granulated Slag for PSC	0.584	.579	Ton/Ton
Chemical Gypsum for PSC	0.0185	.024	Ton/Ton
Anhydrite Gypsum for PSC	0.0227	.0267	Ton/Ton
Natural Gypsum	0	0	Ton/Ton
Clinker for OPC	0.858	.873	Ton/Ton
Slag for OPC	0.098	.0878	Ton/Ton
Chemical Gypsum for OPC	0.0204	.0187	Ton/Ton
Anhydrite Gypsum for OPC	0.0232	.0206	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LDO/BFG/Coke Oven Gas	39600	38045.184	CMD

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
0	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	68.11	12.75	42.5	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	644.47	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 Cages	To control dust emission	644.47
Green Belt Development	To develop greenbelt and plantation	5.65

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	*Environmental Protection Measures*	*Capital Investment (Lacks)*
Greenbelt development	Tree Plantation	10.50

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-0000045204

Submitted On:

12-09-2022