



UTCL/GCW/Plant ESR/2025-26/27
PCB ID: 14813

Dated: 22.08.2025

To
The Member Secretary,
GUJARAT POLLUTION CONTROL BOARD,
Paryavaran Bhawan, Sector 10-A,
GANDHINAGAR - 382010

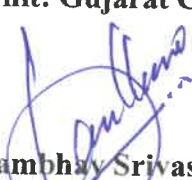
Sub.: To submit the **Environment Statement Report in Form - V** for the Financial Year: 2024-25 for M/s. UltraTech Cement Limited, Unit: Gujarat Cement Works, At: Kovaya-365541, Taluka: Rajula, District: Amreli (Gujarat), (PCB ID: 14813).

Dear Sir,

Please find enclosed herewith the **Environment Statement Report in Form- V** for the Financial Year: **2024-25** for M/s. UltraTech Cement Limited, Unit: Gujarat Cement Works, Village: Kovaya-365541 Taluka: Rajula, District: Amreli (Gujarat) (PCB ID: 14813), against the Consolidated Consent & Authorization vide order no. AWH no.128375 dated 14.08.2023.

This is for your kind information and record please.
Thanking You.

For, UltraTech Cement Limited,
Unit: Gujarat Cement Works,


Sambhav Srivastava
President & Unit Head

Encl.: A/a

Cc: The Regional Officer, Gujarat Pollution Control Board, 1st floor, Swastik Complex, Plot No. 1616 – 1617 Near Vir Mokhdaji Circle, Ghogha Road, Bhavnagar, Gujarat



UltraTech Cement Limited

Gujarat Cement Works, P.O. Kovaya, Taluka : Rajula, Dist. Amreli, Gujarat - 365 541 | T : +91 2794 283034 | F : +91 2794 283036

Registered Office : Ahura Centre, 'B' Wing, 2nd Floor, Mahakali Caves Road, Andheri (E), Mumbai - 400 093

T : 022 6691 7800 / 6691 7401 | W : www.ultratechcement.com | CIN : L26940MH2000PLC128420

FORM – V
[See Rule 14]

Environmental Statement for the financial year ending the 31st March'2025 (FY: 2024-2025)

PART - A

- (i). Name and address of the owner/ Occupier : **Sambhav Srivastava**
of the industry/operation or process. **President & Unit Head**
M/s. UltraTech Cement Limited,
Unit: Gujarat Cement Works,
At Village: Kovaya-365541.
Taluka: Rajula, District: Amreli (Gujarat).
- (ii). Industry Category - Primary (STC Code) : **Large Scale**
/ Secondary (STC Code)
- (iii). Production Capacity Units :

S.No	Production	Capacity	Production/ Generation during 2024-25
1	CLINKER	5.70 MTPA	4.35 MTPA
2	CEMENT	8.0 MTPA	5.29 MTPA
3	WHRB	15 MW	7.61 MW
- (iv). Year of establish : **1996**
- (v). Date of the Last Environmental Statement : **21.09.2024**
Submitted

Submission of Environmental Statement is in accordance with the provisions of Rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-4-1993, G.S.R 386 (E) in the Gazette of India - Extra Ordinary - Part- II, Section – 3, Sub-section [1] No. 155 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-2-1993, G.S.R. 329(E) of the Gazette of India - Extraordinary Part - II Section - 3 Sub-section (i) No. 120 dated 13-3-1993.

“Every person carrying on an Industry, operation or process requiring consent under Section - 25 of the Water (Prevention & Control of Pollution) Act, 1974 (6 of 1974) and under Section - 21 of the Air (Prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management & Handling) Rules, 1989 published under the Environment (Protection) Act, 1986 (20 of 1986) shall submit an Environment Statement for the financial year ending the 31st March in Form-V to the concerned State Pollution Control Board on or before The Thirtieth Day of September every year beginning 1993”.

PART - B

Water and Raw Material Consumption:

- (I) **Water Consumption m³/day:**
Process & Cooling: 1922.12 m³/day
Domestic: 352.027 m³/day

Name of Products	Process Water Consumption per unit of Product Output (in KL)	
	During the Previous Financial Year (2023-24)	During the Current Financial Year (2024-25)
Cement	0.11	0.1326

- (II) **Raw Material Consumption:**

(*) Name of Raw Materials	Name of Products	Consumption of Raw Material per Unit Output (in MT)	
		During the Previous Financial Year: 2023-24	During the Current Financial Year: 2024-25
Limestone / Marl	Clinker	1.156	1.117
Sweetener	Clinker	0.282	0.328
Iron Ore & Sludge	Clinker	0.004	0.011
Bauxite, Laterite & Black trap	Clinker	0.067	0.057
Coal & Pet Coke	Clinker	0.081	0.078
Alternative Fuels	Clinker	0.025	0.039
Gypsum	Cement	0.044	0.039
Pozzolona / Fly Ash	Cement	0.129	0.123
Performance Improver	Cement	0.014	0.018

(*) Industry may use codes if disclosing detail of raw material would violate contractual obligations otherwise all industries have to name the raw materials used.

PART – C

Pollution Discharged to Environment/Unit of Output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants Discharged Ton/Day	Concentration of Pollutants in Discharges (Mass/Volume)	Percentage of Variation from Prescribed Standards with Reasons
(a). Water (b). Air	Enclosed as Annexure-1A, 1B, 1C, 1D and 1E		

PART - D

HAZARDOUS WASTES

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Wastes	Total Quantity (MT.)	
	During the Previous Financial Year 2023-24	During the Current Financial Year 2024-25
(a). From Process	Enclosed as Annexure-2	
(b). From Pollution Control Facilities		

PART – E

SOLID WASTES

	Total Quantity (Kg.)	
	During the Previous Financial Year 2023-24	During the Current Financial Year 2024-25
(a). From Process	Not Applicable	
(b). From Pollution Control Facilities		
(c) (1). Quantity recycled or reutilized within the unit.		
(2). Sold		
(3). Dispose		

PART – F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous waste is sold to MoEF/GPCB/CPCB approved recycler / co-process in our cement kiln as per our CC&A condition. No solid waste is generated from cement dry process. Details are enclosed as **Annexure-2**.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and or the cost of production.

On an average, 32 % of fly ash is utilized in manufacture of Portland Pozzolana cement during 2024-25, thereby limestone consumption per ton of cement is reduced and ultimately greenhouse gas i.e. CO₂ emission per ton of cement is also reduced.

PART – H

Additional measures/investment proposed for environmental protection including abatement of pollution/prevention of pollution.

Plantation of the uprooted trees during Tauktae cyclone is being under progress in phase manner. Detail of the Plantation have done during 2024-25 is given in below table:

Plantation done during Fy: 2024-25

Location	Total Trees (Till 2023-24)	Tree planted in 2024-25	Tree Survival in 2024-25	Remarks
Mines Area	134466	6000	4800	Plantation loss due to cyclone Tauktae from 17.05.2021 After Assessment by 3rd party the plantation report submission dated 31.10.2021
TPP	25522	1000	950	
Cement plant & Colony area	23929	3000	2880	

The total expense towards environment protection / conservation during the year 2024-25 is about

Total Expenditure on ENVIRONMENT April 2024- March 2025		
S. No.	Recurring cost	TOTAL in INR Lacs
1	Personnel for general environmental management activities	12.5
2	BMW Treatment and Disposal of Waste (Costs)	1.3
3	External services (Monitoring, Consultancy, environmental certification) for environmental management	264.83
4	Maintenance cost of the Air pollution control devices (bag house, ESP, etc)	504.45
5	Treatment of Sewage and effluent cost (operational and Maintenance cost)	89.58
6	Environmental License Fee	1.13
7	Horticulture	122.66
8	World Environment Day	0.35
9	Civil jobs like road repairing, drain cleaning, road sweeping, pucca road	47.56
Total recurring Expenditure in INR Lacs		1053.48

Rs. 1053.48 Lacs, detail given in the below table.

The CSR expense during the year 2024-25 is about Rs. 99.48 Lacs, detail given in the below table

Sr. No	Focus area	Amount spent during FY 2024-25 in Lacs
1	Education	38.21
2	Health	13.85
3	Sustainable Livelihood	20.16
4	Social Issue & Others	3.08
5	Infrastructure	19.7
6	Other	4.48
Total in Lacs		99.48

CSR Expense – Fy: 2024-25



PART – I

Any other particulars for improving the quality of the environment

1. GCW commissioned ultra-filtration in STP and finally treated water from STP connected to cement plant cooling tower and started utilizing for industrial purpose and thereby reduction in fresh water use.
2. Bed ash generated from our Captive Thermal Plant is sent to brick manufacturer for making bricks.

Signature of a person carrying out an industry (operation or process)

Date: 22.08.2025

Place: Kovaya


Name: **Sambhay Srivastava**
Designation: **President & Unit Head**
Address: **UltraTech Cement Limited**
(Unit: Gujarat Cement Works)
Village-Kovaya, Taluka- Rajula
District- Amreli, (Gujarat)- 365541

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Annexure - 1A

**Average Stack Emission Monitoring Results of
Unit: Gujarat Cement Works of M/s. UltraTech Cement Limited,**

During Period: April'2024 to March'2025

Pollution Discharge to Environment from Phase – I

S. No.	Source	Pollutants	Limits (mg/Nm ³)	Avg. Concentration	% Variation From Limit
1	Raw Mill & Kiln Exit Gases	PM	30	18.211	-39.297
2	Coal Mill Exit Gases	PM	30	8.917	-70.278
3	Clinker Cooler Exit Gases	PM	30	19.172	-36.094
4	Limestone Crusher	PM	30	13.167	-56.111

Pollution Discharge to Environment from Phase – II

S. No.	Source	Pollutants	Limits (mg/Nm ³)	Avg. Concentration	% Variation From Limit
1	Raw Mill & Kiln Exit Gases	PM	30	15.842	-47.194
2	Coal Mill Exit Gases	PM	30	12.658	-57.806
3	Clinker Cooler Exit Gases	PM	30	17.401	-41.997
4	Limestone Crusher	PM	30	13.892	-53.694

Pollution Discharge to Environment from Cement Mills

S. No.	Source	Pollutants	Limits (mg/Nm ³)	Avg. Concentration	% Variation From Limit
1	Cement Mill - 1	PM	30	12.675	-57.750
2	Cement Mill - 2	PM	30	14.817	-50.611
3	Cement Mill - 3	PM	30	19.520	-34.933
4	Cement Mill - 4	PM	30	14.754	-50.819

Pollution Discharge to Environment from Cement Packing Plants

S. No.	Source	Pollutants	Limits (mg/Nm ³)	Avg. Concentration	% Variation From Limit
1	Cement Packing Plant-1	PM	30	15.075	-49.750
2	Cement Packing Plant-2	PM	30	16.703	-44.322
3	Cement Packing Plant-3	PM	30	14.077	-53.078
4	Cement Packing Plant-4	PM	30	16.668	-44.442

Annexure - 1B

Average Stack Emission Monitoring Results of					
Unit: Gujarat Cement Works of M/s. UltraTech Cement Limited,					
During Period: April'2024 to March'2025					
Pollution Discharge to Environment from DG Sets (2 x 6 MW=12MW)					
S. No.	Source	Pollutants	Limits (mg/Nm ³)	Average Concentration	% Variation From Limit
1	DG Set-1	PM	150	--	--
		SO ₂	100	--	--
		NO _x	50	--	--
2	DG Set-2	PM	150	--	--
		SO ₂	100	--	--
		NO _x	50	--	--

Note: DG set was not in operation during FY 2024-25. DG sets are only for standby mode.

Annexure – 1C

Average RO/WHRS Plant Reject Water Analysis Results of				
During Period: April'2024 to March'2025				
S. No.	Particulars	Limits	Average Result	% Variation From Limit
1	pH	6.5 to 8.5	7.366	Within Limit
2	Colour (Co. Pt. Scale) (Units)	100	23.667	-76.333
3	Temperature (°C) (Receiving / Discharge)	Not more than 5deg.cent. Higher than the receiving temperature	31/34	Within Limit
4	Total Suspended Solids (mg/l)	100	33.167	-66.833
5	Phosphates (mg/l)	6	2.500	-58.333
6	Hexavalent chromium (mg/l)	0.1	<0.01	within limit
7	Total Chromium (mg/l)	0.2	<0.01	within limit
8	Bio-Assay Test	90% survival of fish after 96 hours in 100% effluent	Average 95.7 % fish survived after 96 hours in 100% effluent	within limit

Annexure – 1D

Average Sewage Treatment Water Analysis Results of					
During Period: April'2024 to March'2025					
Parameters As Specified In Consent Issued for STP					
S. No.	Particulars		Limits	Average Concentration	% Variation From Limit
1	pH	-	6.6 to 9.0	7.20	Within Limit
2	BOD	mg/l	30	6.808	-77.306
3	Total Suspended Solids (mg/l)	mg/l	<100	17.167	-82.833
4	Fecal Coliform	counts/100ml	<1000MPN	absent	-

Annexure - 1E

Average Ambient Air Quality Monitoring Results					
During Period: <u>April'2024</u> to <u>March'2025</u>					
S. No.	Locations	Pollutants	Limit ($\mu\text{g}/\text{m}^3$)	Avg. Results ($\mu\text{g}/\text{m}^3$)	% Variation from Limit
1	On Terrace of Admin Building	SO ₂	50	11.383	-77.233
		NO ₂	40	17.450	-56.375
		PM ₁₀	60	55.750	-7.083
		PM _{2.5}	40	33.142	-17.146
2	At Village Kovaya	SO ₂	50	12.042	-75.917
		NO ₂	40	18.308	-54.229
		PM ₁₀	60	49.167	-18.056
		PM _{2.5}	40	28.842	-27.896
3	On Terrace of Aditya Birla Public School	SO ₂	50	12.3	-75.400
		NO ₂	40	18.0	-54.979
		PM ₁₀	60	52.1	-13.181
		PM _{2.5}	40	29.4	-26.458
4	At Jetty Area	SO ₂	50	11.342	-77.317
		NO ₂	40	16.808	-57.979
		PM ₁₀	60	51.758	-13.736
		PM _{2.5}	40	31.125	-22.188
5	TPP Near Nursery / WTP	SO ₂	50	12.9	-74.183
		NO ₂	40	19.3	-51.667
		PM ₁₀	60	47.4	-20.972
		PM _{2.5}	40	26.9	-32.771
6	Near Mines Garage (Workshop)	SO ₂	50	12.6	-74.733
		NO ₂	40	17.9	-55.271
		PM ₁₀	60	47.3	-21.125
		PM _{2.5}	40	27.1	-32.271

Annexure - 2**HAZARDOUS WASTES**

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Wastes	Authorization Quantity as per CC&A in MT	Hazardous Waste details During 2023-24.				Hazardous Waste details During 2024-25.			
		Total Quantity Generated (MT)	Sold to recycler (MT)	Self used (MT)	Remarks	Total Quantity Generated (MT)	Sold to recycler (MT)	Self used /Co-processed in our Cement Kiln (MT)	Remarks
(a). From Process:									
1). Used / Spent Oil (Cat.5.1)	70 MT/Annum	15.975	14.923	1.000	--	17.140	11.035	1.160	--
2). Grease & Oil Containing Waste (Cat.5.2)	265MT/Annum	19.765	19.750	0.015	--	27.290	26.430	0	--
3). Oil/Grease containing clothes/rags (Cat.5.2)	10MT/Annum	0.000	0.000	0.000	--	0.000	0.000	0.000	--
4). Oily Waste From Re-refiners Unit only (Cat.5.2)	525 MT/Annum	0.000	0.000	0.000	--	0.000	0.000	0.000	--
5). Discarded Container (Cat.33.1)	250 MT/Annum	15.667	12.410	1.452	--	11.546	11.556	2.062	--
6). Sludge and Filters contaminated with oil (Cat.3.3)	1 MT/Annum	0	0	0	--	0	0	0	--
(b). From Pollution Control Facilities		NIL	NIL	NIL	--	NIL	NIL	NIL	--