ADITYA BIRLA

UltraTech

Ref: UTCL/GICW/PCB-/2022-23/01

Date: 16.08.2023

The Environmental Officer,
Karnataka State Pollution Control Board,
Koppal Taluk & Dist(Karnataka)

Dear Sir,

Sub: Submission of environmental Statement of Form – V for the financial year 2022-23- Reg
Ref: Combined consent order No. No. AW-326539/PCB ID:11272 dated 02.09.2021.

With reference to the above we are submitting the Form - V regarding Environmental Statement for the financial year ending with 31st March 2023. Please find enclosed following documents.

1. Form No. V – Environmental Statement for the financial year 2022-23
2. Annexure – I Ambient air quality monitoring report
3. Annexure – II Stack emission level monitoring report
4. Annexure – III Noise level monitoring report

Kindly acknowledge receipt of the same.

Thanking you,
Yours faithfully,
For **UltraTech Cement Ltd.,**
Ginigera Cement Works,

Authorized signatory
Dattatry Mote
Senior. Vice President & Unit Head-G.

ದಿನಾಂಕ 19/8/23

UltraTech CEMENT
The Engineer's Choice

Ultratech Cement Limited
Ginigera Cement Works : Gangavathi Road, Ginigera - 583228, Taluq & Dist.: Koppal (Karnataka),
Phone: +91 - 8539 - 286572, Fax: +91 - 8539 - 286575, Website : www.ultratechcement.com
Regd. Office: 'B' Wing, Ahura Centre, 2nd Floor, Mahakali Caves Road, Andheri (East), Mumbai 400093. Tel.: 022-66917800
CIN: L26940MH2000PLC128420

ENVIRONMENTAL STATEMENT FORM – V

(See rule 14)

Environmental Statement for the financial year ending with 30th September 2023

PART – A

<table>
<tr><td>1.</td><td>Name and address of the Owner / Occupier of the Industry operation or process</td><td colspan="4">Dattatry Mote
Ginigera Cement Works (Unit of UltraTech Cement Limited)
Village : Ginigera
Tehsil . Koppal
District : Koppal
State : Karnataka
Pin : 583228
Phone No : 08359 - 286572</td></tr>
<tr><td>2.</td><td>Industry Category
Primary (S.T.C. Code):
Secondary (S.T.C. Code) :</td><td colspan="4">Large Scale
Large Scale
Red Category</td></tr>
<tr><td rowspan="7">3.</td><td rowspan="7">Production Capacity</td><td>Name of Product</td><td>Production Capacity</td><td colspan="2">Actual Production</td></tr>
<tr><td></td><td></td><td>During current financial year</td><td>During current financial year</td></tr>
<tr><td>Portland Slag Cement</td><td rowspan="5">1.50 MTPA</td><td>0.0</td><td>0.0</td></tr>
<tr><td>43 Grade OPC</td><td>210520</td><td>178340</td></tr>
<tr><td>53 Grade OPC</td><td>119480</td><td>225440</td></tr>
<tr><td>PPC</td><td>795454</td><td>856289</td></tr>
<tr><td>GGBS</td><td>0</td><td>0</td></tr>
<tr><td>Power from DG set (kwh)</td><td>600 KVA</td><td>3970</td><td>7520</td></tr>
<tr><td>4.</td><td>Year of Establishment</td><td colspan="4">05.01.2007</td></tr>
<tr><td>5.</td><td>Environmental Audit Report submitted</td><td colspan="4">18.03.2016</td></tr>
</table>

PART – B

WATER AND RAW MATERIAL CONSUMPTION:

i) Water consumption m^3/day

Subject	During the current financial year 21-22	During the current financial year 22-23	Remarks
Process (KL)	25.76	66.48	
Cooling (KL)	NIL	NIL	
Horticulture (KL)	4.98	18.08	
Domestic (KL)	10.66	19.44	

Name of product	Process water consumption per unit of product output.	
	During the previous financial year 2021-22	During the current financial year 2022-23
1	2	3
43 & 53 Gr OPC, PPC,PSC & GGBS	0.013 KL/Ton of Cement	0.019 KL/Ton of Cement
Power	No water consumed for power	No water consumed for power

(ii) Raw material consumption:

Name of the Raw Material	Name of the product	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Limestone	43 & 53 Gr OPC, PPC & GGBS	Nil...Ton/Ton of Cement	Nil...Ton/Ton of Cement
Red mud		Nil...Ton/Ton of Cement	Nil...Ton/Ton of Cement
Gypsum		0.02889Ton/Ton of Cement	0.03654Ton/Ton of Cement
Slag		0.01312Ton/Ton of Cement	0.01511Ton/Ton of Cement
Fly ash		0.21094 Ton/Ton of Cement	0.2073 Ton/Ton of Cement
Diesel	Power	0.00026 KL/KWH	0.000428 KL/KWH

Pollution industry may use codes if disclosing detail of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART –C

Discharged to environment / unit of output
Specified if the consent issued. Not applicable

Pollutants		Quantity of pollutants Discharged	Concentration of Pollutants in discharges(mass/volume)	Percentage of variation from prescribed standard with
(a)	Water:	STP -There is no water discharge	1. pH: ..... 2. TSS: .....mg/l 3. BOD: .....mg/l 4. COD: .....mg/l 5. Oil & grease: ....mg/l	Not applicable
(b)	Air (SPM-Cement Mill stack)	20.9 mg/Nm3 (Avg)		The Stack emission level is well within the statutory limit of 30 mg/Nm3.

PART –D

HAZARDOUS WASTES

{as specified under Hazardous Wastes (Management, Handling & Trans-boundary Movement) Rules, 2008}

Hazardous Waste	Total Quantity (Ltrs.)	
	During Previous Financial Year	During Current Financial Year
a) From Process (Cement manufacturing is based on "Dry Process" No Hazardous waste is generated from the process except used oil which is drained from Machinery / Equipments)	Total Quantity Generated = 500 liters Old Stock : Nil Reused : 0 Liters Sale out : 500 Liters Balance : 0 Liters	Total Quantity Generated = 5009 liters Old Stock : Nil Reused : 0 Liters Sale out : 5009 Liters Balance : 0 Liters
(b) From Pollution Control Facilities	N.A.	N.A.

PART –E

SOLID WASTE

Sr. No.	Description	Total Quantity	
		During the previous financial year	During the current financial year
(a)	From Process (Fly Ash generated in CPP)	**Not applicable.**	**Not applicable.**
(b)	From Pollution control facility	Dust collected in the Bag Houses and Bag Filters is recycled in process.	
(c)	(1) Quantity recycled or reutilized within the unit.	100 %	100 %
	(2) sold	Nil	Nil
	(3) Disposed	Nil	Nil

PART –F

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

Hazardous Wastes:

Cement manufacturing is based on "Dry Process". No Hazardous waste is generated from the process except used oil which is drained from Machineries / Equipments. Used oil is sold to the authorized recyclers/self used for lubrication.

Solid Wastes:

1. Approx. ...NA... Ton of STP Sludge is generated from Sewage Treatment Plant which is been utilized as manure for green belt development.

PART –G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

Cost estimation for pollution control:

Sr. No.	Description	Expenditure (Rs. in lacs)	
		Previous Year	Current Year
1	Water Pollution	6.20	16.40
2	Air Pollution		
3	Noise Pollution		
4	Hazardous/Solid Waste Management	0.0	0.0
5	Green Belt Development	0.010	0.010
6	House Keeping	38.83	58.02
7	Others (please specify) Labor charges for Horticulture	19.28	17.41
	Total	64.32	91.84
	Total production cost (Rs. in lacs)	29336.64	40942.8
	Expenditure in pollution control / Total production cost (%)	0.219	0.224

PART –H

ADDITIONAL MEASURES/ INVESTMENT PROPOSAL FOR ENVIRONMENT PROTECTION INCLUDING ABATEMENT OF POLLUTION PREVENTION OF POLLUTION.

Details of Additional Investment:

1. Up gradation of pollution control equipments:

Sr. No.	Description	Purpose	Estimated Cost (Rs. in lacs)	Year of Installation
1	STP	Up gradation	NA	
2	ESP	Up gradation	NA	
3	Bag filters	Up gradation	4.43	2022-23
	TOTAL		11.50	

2. Greenbelt Development:

Description	Current Year
Area Covered under greenbelt (Ha.)	18.88
Area Covered under greenbelt (%)	47.03
No. of trees planted	300
Cost incurred (Rs. in lacs)	0.010

PART –I

ANY OTHER PARTICULAR FOR IMPROVING THE QUALITY OF THE ENVIRONMENT.

1. We have full-fledged Environment Cell for monitoring, maintenance of pollution control equipment and Green Belt development.

2. Monitoring of stack emission, ambient air and water quality is being done regularly.

3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.

4. Horticulture Section is taking care of tree plantation and green belt development. Every year we are growing new tree plantation.

5. Rain water harvesting pond maintenance will be carried out for every year.

On support of above, we are enclosing herewith following: -

Annexure-I : Ambient Air Quality Monitoring Report
Annexure-II : Stack Emission Level Monitoring Report
Annexure-III : Noise level Monitoring Report