ADITYA BIRLA

UltraTech

UTCL/MCW/Mines/Env. Stat/25-26/65 **Dated 29 Sep 2025**

To,
The Member Secretary
MP Pollution Control Board
Paryawaran Parisar, E-5, Area Colony,
Bhopal -462016 (M.P.)

Dear Sir,

Sub: Submission of Environmental Statement Form-V for year 2024-25 of UltraTech Cement Limited Unit: Maihar Cement Works, Tiloura Limestone Mines ML area 193.252 Ha

Ref : 1) Air/Water Consent No: AW-59229 , dated 11/11/2023, valid till 30/11/2024 and , AW-61446 , dated 31/12/2024 valid till 30/11/2025.

2) Hazardous waste Authorization No: AWH- 54832 valid upto 30/11/2026 for ML area 193.252 Ha

This has reference to above mentioned subject & condition mentioned in Air & Water and Hazardous Waste Authorization, we are submitting herewith the Environmental Statement Report Form-V for the period FY-2024-2025 of UltraTech Cement Limited, Maihar Cement Works, Tiloura Limestone Mines (Lease area 193.252 ha), Maihar, Dist. Maihar (M.P.)

Submitting for your kind record perusal

Thanking you

Yours faithfully,
For UltraTech Cement Limited
Unit: Maihar Cement Works

for
Pratyendra Upadhyay
(Authorised Signatory)

Copy To 1) Joint Director-S, Regional office (Western Region)
Kendriya Paryavaran Bhawan, E-5, Aera Colony.
Link Road-3, Ravishankar, Bhopal- 462016 (M.P)

2) Member Secretary
State Environment Impact Assessment Authority (SEIAA)
Minister of Environment Forest & Climate Change.
Paryavaran Parisar, E-5, Arera Colony , Bhopal-462016 , M.P

3) The RD, CPCB Regional office.
Paryavaran Bhawan, E-5, Aera Colony, Bhopal- 462016 (M.P)

4) Regional office, M.P Pollution Control Board ,
Maihar-Amarpatan Bypass Road, Satna-485001 (M.P)

Environmental Statement Report
Tiloura Limestone Mines (ML area 193.25 ha,)
Maihar Cement Works

April-2024 to March-2025

UltraTech Cement Limited
Unit: Maihar Cement Works
PO: Sarlanagar-485772, Maihar
Distt. Maihar (M.P.)

The Maihar cement works complex have four leases 217.681 ha, 296.956 ha, 217.681 ha & 663 & 193.252 ha. The limestone raised from the various mining leases is exclusively being used for catering the requirements of its two cement plants.

Geographically, it is located at Latitude: 24.2670 Longitude: 80.8445. The area covered under mining lease is comprised of 193.252 Ha. area speeded over the village of Tilaura, Satna district of Madhya Pradesh.

Mining: Mineral extraction is essential for the development and progress of a nation. However, mining operations in general have adverse environmental impacts if proper abatement measures are not taken. The magnitude and significance of the environmental degradation caused by mining depends on the type of minerals, method of mining, smoke and gases from beneficiation plants, processing plants, scale and concentration of mining activity, geological and geomorphological setting of the area, nature of mineral deposit, land use pattern before the commencement of mining operations, etc.

Method of Mining: Mining operations are being carried out by fully mechanized opencast method, utilizing Heavy Earth Moving Machinery (HEMM) in conjunction with drilling and blasting with the use of suitable explosives. Deep hole drilling & controlled blasting is being adopted. DTH drills of 115 mm diameter are being/will be used for drilling of blast holes. Slurry and detonators is being used for blasting. NONEL is also used for bottom initiation to reduce ground vibrations. A minimum width of 6-8m working bench will be maintained for safe operation of mining machinery. The limestone after blasting is being loaded by hydraulic excavators into dump trucks for its transportation to crusher.

Topography of area: Elongated plateaus and ridges with intervening valleys mark diverse picturesque physiographic features around Tiloura. These represent matured topography and structures showing various erosional landforms. The major sandstone horizons of the Kaimur, Rewa, and Bhander and Khenjua groups form elevated scarp giving rise to prominent plateaus. These scarps elongated north east-south west. Sarlanagar is situated on a wide slopping foot hills (450 m) of Rewa sandstones, which form structural ridges with escarpments, as well as wide sloping faces. Further, south of Sarlanagar the rocks of Kaimur and Semri groups form series of elongates structural valleys, ridges and escarpments. Tiloura is occupied by shaly limestone and limestone.

The mines operation is being done using technology for low impact mining, it includes options that lead to minimum ground disturbances, avoid excessive fly rocks and provide a safe working environment. Occupational exposure is reduced through appropriate work practices and use of personal protective equipment's. Mine waste disposal follows ecological and safety criteria with progressive rehabilitation of the site during the active life of the mine through in pit dumping & plantation, slope stabilization. The mining department shows a good example of harmonious equilibrium between the imperatives of mineral development and those of preservation of the environment.

[FORM – V]

(See rule 14)

Environmental Statement for the financial year ending 31st March 2025

PART – A

(I)	Name & Address of the Owner / Occupier of the Industry Operation or Process	Bijneswar Mohanty President & Unit Head Maihar Cement Works P.O: Sarlanagar – 485772, Maihar Distt. Satna (M.P.)
(II)	Industry category Primary- (STC CODE) Secondary- (SIC CODE)	Limestone Mining
(III)	Production capacity	2.30 Million Metric Ton Per Annum
(IV)	Year of establishment	ML area 193.25 ha - 23/04/1975
(V)	Date of last environmental statement submitted	27 Sept, 2024

PART – B

Water & Raw Material Consumption

1) **Water consumption - M3/d**

A) Industrial Use

i) Industrial Purpose (Process & Water Spray) – **9.71 M3/day**

ii) Cooling – Nil

iii) Plantation – **0.17 M3/day**

B) Domestic Use

Domestic Purpose **– 0.36 m3/day**

Name of product	Process Water Consumption Per Unit of Products (m3/MT Limestone)	
	During the previous financial year 2023-24	During current financial year 2024-25
Limestone	0.0107	0.0115

Note*- No mineral processing is carried out, only crushing is being carried out.*

Raw Material Consumption			
Name of the raw materials	**Name of the products**	Consumption of raw material per unit of output (MT / MT Limestone)	
		During the previous financial year 2023-24	During current financial year 2024-25
Diesel (HSD)	Limestone	0.2010	0.2052
Explosive			
Detonator (in Nos)		3800 (In Nos)	4326 (In Nos)

Name of product	During the previous financial year 2023-24	During current financial year 2024-25
Limestone (MT)	316323	307222

PART – C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

(a) Water: No water pollutants directly discharging to Environment:
(b) Industrial- Zero discharge

(c) Ambient Air Quality Monitoring:

Monitored Parameters	**Permissible Limits (µg/m³)**	**Core Zone**			
		Mine office	**Loading point**	**Haul Road**	**Dumping site**
		Year Avg for FY-2024-2025			
PM10	100	49.88	50.52	49.06	52.53
PM2.5	60	28.78	29.19	27.73	30.99
SO2	80	11.43	10.77	11.00	12.10
NO2	80	19.12	18.20	18.57	21.11
CO	2000	BDL (DL 500)	BDL (DL 500)	BDL (DL 500)	BDL (DL 500)

Monitored Parameters	**Permissible Limits (µg/m³)**		**Year Avg for FY-2024-2025**		
		Tiloura Village	**Khodira Village**	**Umri Village**	**Narora Village**
			Year Average		
PM10	100	51.99	46.23	42.74	40.80
PM2.5	60	29.05	23.51	20.33	19.64
SO2	80	9.01	7.80	7.51	7.72

NO2	80	16.31	14.11	13.82	13.67
CO	2000	BDL (DL 500)	BDL (DL 500)	BDL (DL 500)	BDL (DL 500)

PART – D

Hazardous Wastes

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

Hazardous Wastes	**Total Quantity (Kg.)**	
	During the previous financial Year 2023-2024 Used Oil (Cat. 5.1)	**During the Current financial Year 2024-2025** Used Oil (Cat. 5.1)
a) From Process- (Maintenance of mining machineries)	Nil	2100
b) From Pollution Control Facilities.	Nil	Nil

PART– E

Solid Wastes

Solid Waste		**Total quantity (MT)**	
		During the previous financial Year 2023-2024	**During the Current financial Year 2024-2025**
a)	From process (Over burden)	15650 MT	91985 MT
b)	Form pollution control facilities	Not applicable	Not applicable
c)	1) Qty. recycled or reused Within the unit.	15650 MT	91985 MT
	2) Sold	Nil	Nil
	3) Disposed:	Nil	Nil

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.

Hazardous Waste:

Hazardous waste i.e. Used oil is generated during maintenance of Mining machineries / equipment's. Collected Used Oil sold to authorize recycler as per Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016.

Solid Waste:

The overburden comprises of Dark grey shally Limestone (impure Limestone). It contains high silica (SiO_2) percentage and low CaO percentage with intrusion of shale parting in laminar form; which has diluted the quality of Dark grey shally Limestone.

Overburden materials are being carried out in following manner:

- Dumps are designed within the maximum permissible heights and smooth angles.
  The top soil is being used to the maximum possible extent for plantation. The top soil of area is either the black cotton soil. The thickness of top soil in mineralized area varies from 0.1 m to 1 m with an average thickness of 0.3 m. The following practices used for topsoil management.
- Scraping the top soil by dozer till to expose the limestone/ overburden beds.
- Scraped soil shifted from working face to temporary storage yard by dumper
- Removed soil is being utilize for plantation purpose over the Overburden dump/ backfilled area.
- Matured dump is being stabilized through vegetation.

Utilization of Top Soil

Year	Topsoil Used for Plantation and Gardening (M^3)	Total
Dec-2015 to March 2023	22673	22673
April 2023 to Sept 2023	650	23323
Oct 2023 to March 2024	360	23683
April 2024 to Sept 2024	600	24283
Oct 2024 to March 2025	9992	34275

Photograph OB dump

PART – G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production:

1. MINE AND MINERAL MANAGEMENT

- Vehicle using for mineral limestone transportation is covered with tarpaulin and ensure no overloading.
- Dust generated during the crushing of Limestone is collected in Bag filters and being recycled in to the system to use in Cement manufacturing.
- Topsoil is being stored separately & utilized for plantation purpose at OB dump, backfilled area and green belt development within ML area.
- All the Drilling machines are equipped with water injection system for arresting the fugitive dust generation during the drilling operation.
- No secondary blasting is carried out and over size limestone boulder is being break by the rock breaker.

Covered tarpaulin vehicle for limestone transfer and ensure no overloading

Water spraying at the time of limestone loading

Wet Drilling Machine

2. WATER RESOURCE MANAGEMENT

Sump capacity is sufficient to accumulate water during rainfall. This accumulated water is given sufficient time for filtering of silt material and is useful for ground water recharge

Mining Pit

3. Roof top rain water harvesting

- Roof top rainwater harvesting structure has been developed.
- Accumulated water in the mine sump, is acting as another ground water recharge structure.
- For long term basis we have already constructed check dam at Tamus river having 4.7-metre-wide, 36-metre-long, and 3-metre-in height, which has storage capacity of 48 lac gallon to increase ground water level. Also, this Check dam is useful for irrigation & drinking purposes for humans, livestock.

Check Dam (Tamus River River)

Pollution Control Measures Adopted for Control of Pollution:

1. Wet drilling process adopted for control the fugitive dust emission.
2. Water sprinkling on roads by water tanker for control of dust emission.
3. Blasting is done with used in Nonel to control the ground vibrations and AOP.
4. Top soil if any available is stack at earmarked location and used for plantation work.

5. Green Belt Development Measures: As a part of green belt development.

Following measures have been adopted for abatement of pollution, conservation of natural resources:

1. **OVERBURDEN REMOVAL:**

Presently, excavated overburden consists of soil with scree materials (consists of pebbles to boulders of sandstone and limestone of various grades) are disposed of in overburden dumps. Top soil (0.5 m to 1.0 m thickness in scattered locations) has been removed and used for plantation purposes. Balance amount has been temporarily stacked in earmarked area but as its generation is of negligible amount permanent top soil dump is not created.

2. **WET DRILLING:**

Wet drilling is in practice is being adopted, water injection system is provided in to the drilled machines to control dust emission while operation /Drilling. At loading points, muck pile wetting by sprinklers fitted on water tanker is used to suppress the dust generated during digging action

Wet Drilling Machine

Water Spry on haul roads

3. CONTROLLED BLASTING:

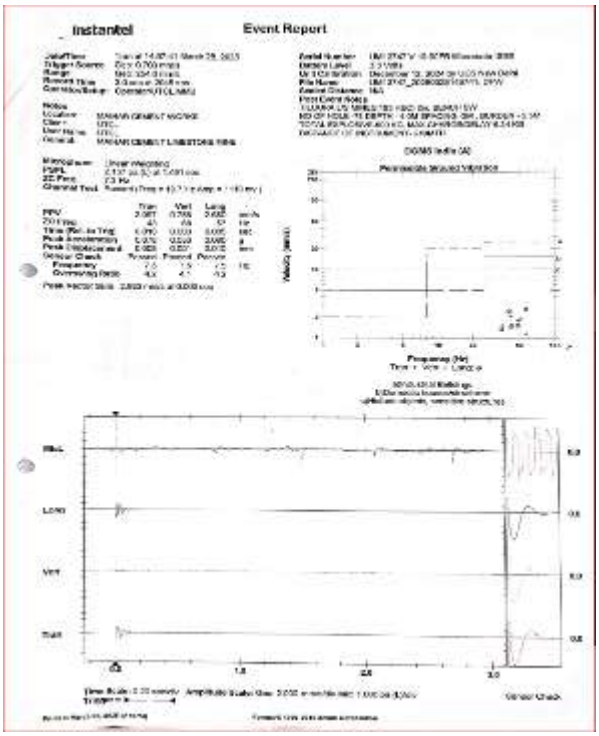
Blasting is carried out as per the guideline of DGMS and only during the day time.

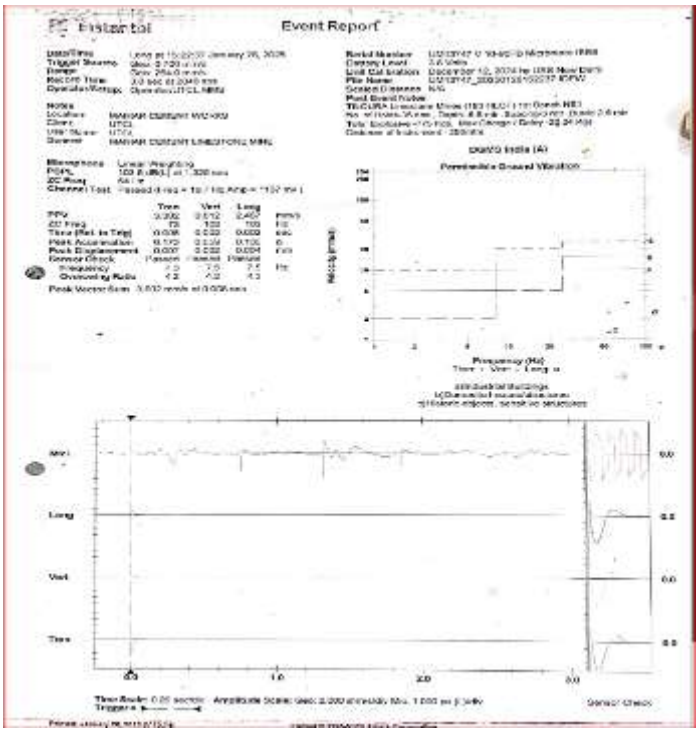
Each and every blast is monitored for ground vibration and record is being maintained. The parameters are within limit

All necessary precautions as per statutory provision of MMR 1960 and DGMS guideline is being taken to ensure the safety of work persons and neighbouring villagers. All precautions and provision under MMR 1960 have been strictly followed.

Following mitigation is being taken for controlled blasting:

- Nonel Shock tube with milli second delay detonator in every hole are used. The parameter is found well within limits.
- Regular monitoring of each blast.
- Covered blast hole before blasting to prevent fly rocks.
- Provision and use of siren and other warning system has implemented flags, barriers for entrances have been provided.
- Display the blasting operation of notices at Prominently location have been displayed.
- Posting of sentries is in practice during blasting time at all entry and critical placed.
- Precautions after blasting is being done strictly.





4. **LOADING ACTIVITY:**

At loading points, muck pile wetting by sprinklers fitted on water tanker is used to suppress the dust generated during digging action

5. **WATER SPRAYING BY TANKER ON HAULAGE ROAD:**

Regular mobile Water tanker is being deployed for the water spraying on the haul roads.

6. **SILT CONTROL MEASURES FOR FORMATION OF GARLAND DRAINS AROUND THE OB DUMP:**

1. No Natural water course is obstructed due to mining operation by taking mentioned below measure as:
2. Garland drain are provided across the Surface dumps.
3. The garland drains, settling tanks & Siltation pond along the periphery of the mine pit is provided & maintained to arrest silt and sediments.
4. Catch drains and Siltation pond has been constructed to control the incoming flow of surface water into pit particularly in monsoon season.
5. Open garland drain has been made on northern side (at higher elevation) and water collected is reused. Garland drain is constructed along working pit having length 355 m X 2 m X 1.5 m, Gradient of 1:1000 having sump capacity of 2400 M3 (20 m x 30 m x 4 m) design keeping 50 % safety margin over and above peak sudden rainfall. Sump capacity is also provided with adequate retention period which allow proper settling of silt material

Photographs of Garland drain

7. **FENCING ALL AROUND WORKING PIT:** Fencing along with the working mines pit has been completed

Mines Fencing

PART – H

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

We are conducting Environmental Monitoring as per the Guidelines of CPCB & M.P. Pollution Control Board, Bhopal and submitting reports on regular basis. Following steps has been adopted for haulage road design for minimum dust generation and a water tanker is dedicatedly deployed for watering on haulage road for suppression of dust.

Unit has made concrete road from mines to crusher and other mining lease road compacted with mines reject materials and impacted by road roller.

Following measure is being taken for the control of dust emission for the various mining activities i.e haul road, loading and unloading points, transfer points and other transfer points:

1. Retaining wall structure completed
2. Pond deepening in villages-To recharge and collect more rainwater during monsoon for water conservation at ML 193.253 ha
3. Distribution of 8000 sapling to nearby village to improve environment sustainability around Mines area in Fy 2023-24 & FY 2024-25- ML 217.681, ML 663, ML 296.956 Ha, Ml 193.252 ha Four Mines surrounding village area covered under this drive.
4. Garland drain clean and maintained
5. Road repaired /New road prepared- in FY 2024-25 In Ml 193.252 Ha Road Repair in FY 2024-25
6. Plantation is being carried out at Tiloura Mines -During year 24-25 (April 24 to Sept 24) planted trees about 10000 Nos in an area covered 5 ha.
7. Crusher is common for Tiloura limestone mines, atomized water spray is provided in the crusher dump hopper.
8. From lease boundary, constructed road for mines vehicle movement and Vehicle is covered with tarpaulin during material transportation
9. Regular mobile Water tanker is being deployed for the water spraying on the haul roads

10. Regular monitoring is being carried out through NABL certified laboratory
11. Inbuilt water injection system is adopted on all drills to ensure 100% dust free wet drilling.
12. At loading points, muck pile wetting by sprinklers fitted on water tanker is used to suppress the dust generated during digging action.
13. Hydraulic rock breaker is used which has eliminated the dust generation due to secondary blasting.

Fugitive Emission Control measures

LS Crusher

Water Spraying

Wet drilling system

Bag Filters

Covered conveyor belt

Permanent water Sprinkler at Crusher Road

Mobile water tranker

Transportation with covered vehicle

Mine Fencing

Noise is being controlled by adopting various measures like:

- Noise generated by mine machinery is minimized by adopting advanced maintenance practices.
- Manpower involved in operation of heavy earth moving machineries, provided earmuff and earplug.
- Providing air conditioner cabin in HEMM.
- Tree Planted as sound barrier in and around mines lease area and total survival trees are about- 27125 trees.

Tree Plantation Photograph

Occupational Health & Safety Management:

30 bed hospital is available with Two doctors along with staff for rendering medical services to the employees and population in and around the local villages. Once in a weekly paediatrician doctor are visiting outside.

Occupational health check-up of workers has been carried out on 02 type of working area i.e. Normal area ECG, CBC, LFT, KFT, Urine REM, Chest X-Ray, Audiometer Spirometry and 2nd type of area i.e. Dust Prone and Noise prone area Audiometry, Spirometry, Eye test, PFT test, Sputum test etc. was done and Occupational Health check-up of 19 employees were benefitted for ML-193.25.

Maihar Cement has provided with occupational health centre functioning round the clock. Qualified doctor and 24 Hrs. availability of pharmacist and ambulance has been ensured at site to render the medical assistance. Tie up arrangements is also there with nearest hospital and nursing home for the plant. First aid boxes have been kept at 58 identified locations for emergency. Maihar Cement Works has also operated full flagged hospital in the vicinity of Plant which also covering Captive Limestone Mines.

- Periodical medical examination is being done as per guidelines of MMR 1961 for occupational health monitoring of the employees.
- Earplugs and earmuffs are provided to the workers working in high noise zone.
- Trained operators are being deployed to operate machines.

Month wise Occupational Health Check-up

Occupational Health Check-up Report - April 2024 to March 2025 (Mines Area) ML-193.25 HA			
Category of Manpower			
Type of test Carried Out	Nos. of employees		**19**
Normal area	ECG, CBC, LFT, KFT, URIN R/M CHEST X-RAY, audiometry, Spirometry		
Dust Prone area	Audiometry, Spirometry		
High Noise area	Audiometry		
PFT			
Audiometry	Sr No	Employees	Numbers
Eye Test	1	W/B	_
Blood Test	2	Contractor	19
X-Ray	**Total**		**19**
ECG	Note:- Total nos. of AMC.= Company Employees		
Sptum Test			

PHOTOGRAPHS OF HEALTH SURVILLANCE PROGRAMME

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Funds are earmarked for Environmental Protection Measures in a separate account and are utilized for this purpose only. Expenditure on environmental protection is common for all four Mines leases and during the year 2024-25 is as under:

The details of investment against Pollution Control operation Maintenance environment done towards the environment protection is as below:

S. No	Heads	Cost in Lakhs
	A- Details of investment against Pollution Control operation Maintenance environment	
1	Boundary Wall for Lease wise cost	0
2	Flow Meter, data logger for Lease Area	0
3	Civil cost for the lease	22331
4	Study Report for compliance	1410523.72
5	Environmental Expenses (Consent Fee)	3864416
6	Water Spraying /Sprinkling	186486.39
7	Garland Drain & bunds Repairing /Cleaning maintenance	424305.5
8	Housekeeping	0
9	Road repairing /development Expenses	270452.88
10	Rehabilitation & Reclamation	11699604.83
11	Water recharge cleaning/roof top harvesting	20,200
	Total – A (In Ruppes)	**17898320.32**

	Total – A (In Lacs)	**178.98**

Recurring cost for Environment protection incurred

[Common for all M.L namely 296.956 Ha, 217.681 ha, 663.0 ha & 193.252 ha]

S. N	Heads	Cost in Lakhs
B	**Common Cost for all M.L namely 296.956ha, 217.681 ha, 663.0ha & 193.252 ha Pollution Control Operational and maintenance exp.**	
1	Maintenance Dust Collector at belt Conveyers existing belt/Crusher House/at EV crusher house Dust Suppression system at EV crusher house (F-Harley System)	898742.64
2	Modification Bag Filter of Crusher	-
3	Water Treatment Plant (Filtration) Operational & Maintenance cost	759641.46
4	STP Operation & Maintenance Cost	1541880
5	Consultancy Services for Environment Monitoring (JM Enviro)	567500
6	CGWA Compliance	150000
7	Online CAAQMS Maint. & Calibration/Spares Consumed	993113
8	Water recharge repairing cost /cleaning charges	-
9	Plantation/green belt	502832.5
10	Welfare, Community Development /Health Education	48446500
11	Occupational Health (Fire Fighting Equipment's (Portable)/PPE's)	368715.27
12	E&I Mines Expenses (CGWA)	589580
Total – B (In Ruppes)		**5,48,18,504.87**
Total – B (In Lacs)		**548.19**
Grand Total (A + B) in Lacs		**727.17**

CSR activities:

A dedicated team is working for CSR activities at surrounding area covering nearby villages Panchayats

Expenditure on CSR Activities during period 2024-25	
Particulars	**Expenses in Lakh**
Education & Capability Building	432.23
Health Care & Family Welfare	111.02
Sustainable Livelihood	28.40
Infrastructure Development	121.99
Social Empowerment & Welfare	31.21
Others	
Total	**724.85**

List of CSR activities completed in FY-2024-25

Health Initiative

Health: Summary of Activities			
S.L	**Activities**	**Area/Village**	**Beneficiaries**
1	Distribution of Water through tanker at nearby village at 10 nos. of villages.	Nearby Village	15000
2	12 nos. of Organize General medical health camp at nearby village.	Nearby village	1246
3	Organize "Healthy Baby Show" at 10 no. of Anganwadi at nearby village.	Nearby Village	187
4	10 nos. of Mother and child health awareness session by Govt. ANM at nearby village.	Nearby Village	274
5	10 nos. of Breast feeding awareness camp with collaboration of Dr. Smriti Singh (MCST Hospital).	Nearby Village	126
6	Organized Eye Health Checkup camp with collaboration of Shayam Sah Medical College Rewa at Sarlanagar Hospital.	Nearby Village	600
7	Cataract Surgery done for selected patients for Eye Health checkup camp at Shyam Sah Medical Collage.	Nearby Village	97
8	4 nos. of borewell installation and 8 nos. of Borewell repairing at nearby villages.	Nearby Village	3200

Education Initiative

Education: Summary of Activities			
S.L	**Activities**	**Area/Village**	**Beneficiaries**
1	Teaching Learning Materials Distribution Program For 10 nos. of Anganwadis.	Nearby Village	400
2	Educational Kit Distribution program to 12 of schools.	Nearby Village	436
3	Blazer distribution program at Govt. College Badera in presence of MLA Maihar.	Shrinagar	455
4	Road Safety Awareness Session organized at various govt. schools at nearby villages	Nearby schools	1140
5	8 nos. of schools supported with Gift items for National day celebration Sweets (Biscuits) distribution program at schools and anganwadi during republic Day in more than 5600 students.	Nearby Village	5600
6	Purchase of 10 nos. of water cooler for distribution in various Govt schools at nearby villages.	Nearby Schools	4000
7	Purchase of 4 nos. of sanitary pad vending machine for high schools.	Nearby Village	1200

8	Distribution of repaired furniture to Govt. High School Tiloura (100 nos. of Bench Desk)	Tiloura	600
9	Organized 10 nos. of "Swatchata Hi Seva" program with poster and slogan competition at nearby schools of Mines and plants.	Nearby Village	1500
	Total		**11053**

Sustainable Livelihood

S Livelihood: Summary of Activities			
S.L	**Activities**	**Area/Village**	**Beneficiaries**
1	Distribution of 5 nos. of Tailoring Machine to women entrepreneur at Banka Village Satna	Bhaka	5
2	Distribution of 10 nos. Self Business Starting Kit the VTC trainee for their income generation activities	Sarlanagar	10
3	Exposure Visit at Artisan from Bhadanpur Village at Uchehara for the Bamboo Craft	Bhadanpur	15
4	Inauguration of Beauty parlor and Tailoring Service Point at Cooperative Store Sarlanagar	Sarlanagar	60
5	Farmer Education Tour for modern agricultural practice at KVK majhganwana.	Tiloura, Umari-Fifri, Shrinagar, Patehara, Gondin	38
6	Pilot Project for Mushroom Cultivation at Silounti Village under income generation activities	Silounti	15
7	VTC Training Program (Tailoring and Cutting, Beauty Parlor, Electrical and Electronic, Diesel Engine & Tractor Repairing)	Nearby Village	135
8	5 nos. of Pond Deepening work done for water conservation and ground water recharge at nearby villages	Nearby Village	6000

Infrastructure Initiative

Infrastructure: Summary of Activities			
S.L	**Activities**	**Area/Village**	**Beneficiaries**
1	Inauguration of Newly constructed Anganwadi Centre and 2 nos. of additional Classroom at Baihar Village	Baihar	200

2	Construction of 725 Mtr CC Road at Devraj village (Panchayat Deori)	Deroi	3500
3	Construction of 2 nos. of Muktidham at the village Bamhani and Bhadanpur N	Bhadanpur N, Bamhani	4500
4	Construction of School Toilets at Govt. Primary School Bhadanpur South	Bhadanpur S	135
5	Leveling and cleaning work done at various schools ground, Roads, and Drains at nearby villages	Nearby Village	3500
6	2 nos. of Barat Ghar at under construction stage at Village Umarour and Bhadanpur South	Bhadanpur S, Umrour	7000

Social Empowerment

Social Empowerment: Summary of Activities			
S.L	**Activities**	**Area/Village**	**Beneficiaries**
1	10 nos. of Environment Awareness program at Nearby Village with Plant distribution	Nearby Village	150
2	Plantation Drive conducted at nearby village like Umari-fifri, Bhadanpur S, Piprabarband Village and others	Nearby Village	450
3	World Population Days celebrated at VTC with VTC trainee	Sarlanagar	45
4	Organizing of Village Level Cricket Tournament at Ramleela Ground and sports Kit distribution program	Nearby Village	300
5	Faishon Show competition for VTC trainee at Sarlanagar Mahavidyalaya	Sarlanagar	150
6	Blanket distribution program for older person during the session of Winer	Sagmaniya	40
7	Musical Instrument distributed to Prabhat Feri Group at Tiloura Village	Tiloura	15
8	Maihar Railway station is supported with Mobile Charging Point during the Mahakumbh session	Maihar	
9	Organized the Educational Tour for the VTC trainee at Mukundpur Tiger Reserve	Nearby Village	55
10	Organizing "Umang Khel Mahotasava For Anganwadi workers and Community women's	Nearby Village	700
11	Purchase of LED bulb for the distribution in the Piprabarbad village	Piprabarband Village	3500
	Total		**5405**

As part of the environmental sustainability initiative, a Plantation Drive was conducted at nearby villages including Umari-Fifri, Bhadanpur South, Piprabarband, and others under the CSR Department of UltraTech Maihar Cement Works. The drive focused on enhancing green cover in the region by planting saplings at school premises, community spaces, and other public areas. More than 2,000 saplings including Neem, Peepal, Ashok, and Jamun were planted with active participation from school children, local panchayat members, and community volunteers

PART – I

Miscellaneous:

Any other particulars inrespect of Environmental protection and abatement of pollution.

The unit is acknowledged ISO certification by Bureau of Indian Standards for cement plant for- ISO-9001, ISO-14001, ISO-45001 ISO 50001, certifying agency is SGS, UK.

We have adopted management systems are as under:

Particulars	ISO 9001	ISO 14001	ISO 45001	ISO 50001
Year of Certification	7-Apr'2025	7-Apr'2025	7-Apr'2025	14 May 2025
Certifying Agency	SGS, UK	SGS, UK	SGS, UK	SGS, Italy

Measures Taken to Abate/ Mitigate Environmental Pollution:

Environment Monitoring and Measurement Facilities at Maihar Cement Works

Environment Cell of Maihar Cement works is carrying out monitoring and measurement of various Environment parameters within Mines and nearby villages covered in 10 km radius. We have established the monitoring stations in Core Zone (Mines premises) and buffer zone (nearby villages). To conduct the monitoring & also to generate awareness among the local community, we have Environment monitoring Van. We have PM 2.5 Sampler, Respirable Dust Sample, High Volume Sampler, Noise Monitor, Piezometer and various equipment for water testing & measurement.

Ambient Air Quality Monitoring is being carried out in core zone as well as buffer zone.

Ground water Level Monitoring

Environment Monitoring Van

We have an organizational structure for Environment Management to carry out implementation of Environment measures envisaged at site in enclosed guidance of Corporate Environment Head and under direct supervision of Unit Head.

Corporate Environment policy and organization is as under:

ADITYA BIRLA

UltraTech

Corporate Environment Policy

UltraTech Cement Ltd. has always been conscious about the impact of our activities in spheres of employee welfare measures, social and community initiatives and environment sustainability. This environmental policy represents our general position on environmental issues, the policies and practices we apply in conducting our business. We make continuous efforts to be compliant with all applicable local environmental laws and regulations.

We will proactively commit towards:

1. Conducting all operations in accordance to new and recent environmental and statutory laws and regulations.
2. Efficient and sustainable extraction and utilization of natural resources.
3. Adoption and application of state of the art technology to minimize environmental impacts of our operation.
4. Waste minimization through focus on end-of-life management by incorporating waste to energy/fuel systems through safe and approved methods and ensuring to become Plastic Positive.
5. Influence our suppliers to adopt practices for resource conservation and waste reduction.
6. Limiting the dependency on coal-based power by increasing the share of renewable energy and Waste Heat Recover Systems (WHRS).
7. Make continuous efforts to minimize fresh water consumption by increased use of harvested/ recycled water in our operations across all UTCL units and contributing towards becoming Water Positive.
8. Implement and continually improve the Environmental Management System across all our operations.
9. Monitor and report the environmental performance of all our units through regular inspections and audits for corrective actions and continual improvement.
10. Reporting of compliances and non-compliances to the concerned regulatory authorities and other stakeholders with measures to address non-compliances on priority.

Kailash Jhanwar
Managing Director

November 2020

For the effective implementation of the environment policy, we shall:

a) Set objective-targets, develop, implement and maintain management standards and systems, and go beyond compliance of the relevant industry standards, legal and other requirements.
b) Commit to monitoring resource consumption on a regular basis and seek opportunities to reduce use of materials, energy, waste etc. through efficiency measures wherever possible.
c) Develop and propagate environmental awareness amongst employees and other stakeholders including surrounding communities.
d) Undertake the review of the Environmental Policy and Environmental Management Plan periodically.
e) Communicate the environmental commitment and performance of the organization to our stakeholders.
f) Abide to follow the Environment Policy through a robust Organizational Structure, given as follows:

Figure 1: Hierarchical System to address Environmental Issues

We, hereby declare that we are responsible and accountable for the deployment of this policy. We shall remain committed at all times for its effective implementation.

Kailash Jhanwar
Managing Director

November 2020

Environment Cell			
TECHNICAL STAFF			
1.	Name	:	**Mr. Bijneswar Mohanty**
	Designation	:	President & Unit Head
	Qualifications	:	B. E. (Electrical) & PG Diploma in Operation Management
2.	Name	:	**Mr. Pratyendra Upadhyay**
	Designation	:	Sr. Vice President (FH - Mines)
	Qualifications	:	B. E. (Mining Engineering) & Ist Class Mines Manager
3.	Name	:	**Mr. Rajendra Ambhorkar**
	Designation	:	Sr. General Manager (Mine Operation) (Bhadanpur Limestone Mines ML Area 296.95 a & 217.68 ha)
	Qualifications	:	B. E. (Mining Engineering) & Ist Class Mines Manager
4	Name	:	**Dr. Ratnesh Srivastava**
	Designation	:	General Manager & Zonal Head (Environment)
	Qualifications	:	M. Sc. & PhD (Environment)
5	Name	:	**Mr. Manoj W Lohakare**
	Designation	:	Sr. Manager & SH – (Environment)
	Qualification	:	B.Sc. (Chemistry) & Advanced Diploma in Industrial Safety
6	Name		Ms. Ayushi Singh
	Designation		Assistant Manager- Environment
	Qualification		M.S.c – Environment Science & Resource Management & SERB- Research from NIO Goa
SUPPORTING TECHNICAL STAFF			
Environment Monitoring Team (Third Party)			
7	Name	:	**Mr. Anuj Chaturvedi**
	Designation	:	Field Co-ordination
8	Name	:	**Mr. Shivank Singh**
	Designation	:	Field Co-ordination
9	Name	:	**Mr. Sandeep Singh**
	Designation	:	Field Assistant

POLLUTION MONITORING EQUIPMENTS AND FACILITIES

S. No.	Name of Equipment's	Mode/Type	Make	Quantity
1.	Fine Particulate Sampler	APM – 172 & APM- 172 mini	ETCL Greater Noida & ECOTECH,	5 Nos.
2.	Respirable Dust Sampler	APM – 460 & APM -- 415 BL	Envirotech, New Delhi & ETCL Greater Noida	5 Nos.
3.	Personal Sampler with cyclone system	ETCL	ETCL Greater Noida	1 Nos.
4.	Stack Monitoring Kit	APM – 901	ETCL	1 Nos.
5.	Pitot Tube (3 m Length)	S Type	ETCL, Greater Noida	1 No
6.	Noise level meter	SL-4010	Envirotech, New Delhi	1 Nos.
7.	Flue Gas Analyser	Seitron-Nova 4S	Seitron	01 No.
8.	Weighing Balance	Mettlar-AB204S	Mettler Toledo	01 No.

Month wise Limestone production for FY-2024-2025

S. No.	Month	Production (MT)
1	April-2024	43387
2	May-2024	52820
3	June-2024	47909
4	July-2024	44305
5	August-2024	0
6	September-2024	1799
7	October-2024	11912
8	November-2024	9542
9	December- 2024	0
10	January – 2025	24361
11	February - 2025	28191
12	March - 2025	42996
Total		**307222**