



UTCL/BAGHERI/ENV/2025-26/14
Date: 17.09.2025

To,
The Member Secretary,
HP State Pollution Control Board,
Him Parivesh, Phase III,
New Shimla, HP-171009

Subject: - Submission of Environmental Statement Report (FORM-V) of the FY- 2024-2025 for Cement Grinding Unit (2.0 MTPA) at Village Pandiyana (Tikri), Near bagheri, Post- Khillian, Tehsil- Nalagarh Distt.- Solan , Himachal Pradesh by M/s UltraTech Cement Ltd. (Unit:- Bagheri Cement Works).

Ref:- 1. Consent to operate Letter No. CTO/BOTH/RENEW/RO/2025/14394358 dated 16.09.2025.
2. Environment Clearance granted by Ministry of Environment and Forest vide letter No. F. No. J-11011/123/2009-IAII (I) Dated 27th February, 2010.
3. EC Transfer in the name of UltraTech Letter No. F. No. J-11011/123/2009-IAII (I) 26th June 2018.

Dear Sir,

This has reference to the above cited subject matter; we are submitting herewith the Environmental Statement Report (Form-V) for the financial year 2024-2025 for UltraTech Cement Ltd, Unit: Bagheri Cement Works at Village Pandiyana (Tikri), Near Bagheri, Post- Khillian, Tehsil- Nalagarh Distt. - Solan, Himachal Pradesh by M/s UltraTech Cement Ltd. (Unit: - Bagheri Cement Works).

This is for your kind information & record keeping purpose please.

Thanking you,
Your faithfully,

For: UltraTech Cement Limited
(Unit: Bagheri Cement Works)


Amit Kumar Dubey
(Sr. Vice president & GUH)

Encl:- As above

CC : 1. The Addl. Principal Chief Conservator of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, 25, Subhash Road, Dehradun -248001.
2. The Inspector General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, Shimla 1st & 2nd Floor, C.G.O. Complex, Longwood, Shimla- 171001.
3. Regional Officer, Sr. Environmental Engineer, Regional Office, HPSPCB, Baddi -173205 (HP).
4. Regional Director, Central Pollution Control Board, Paryavaran Bhawan, Ground Floor, Sector-19 B, Madhya Marg, Chandigarh.



UltraTech Cement Limited
(Unit : Bagheri Cement Works)

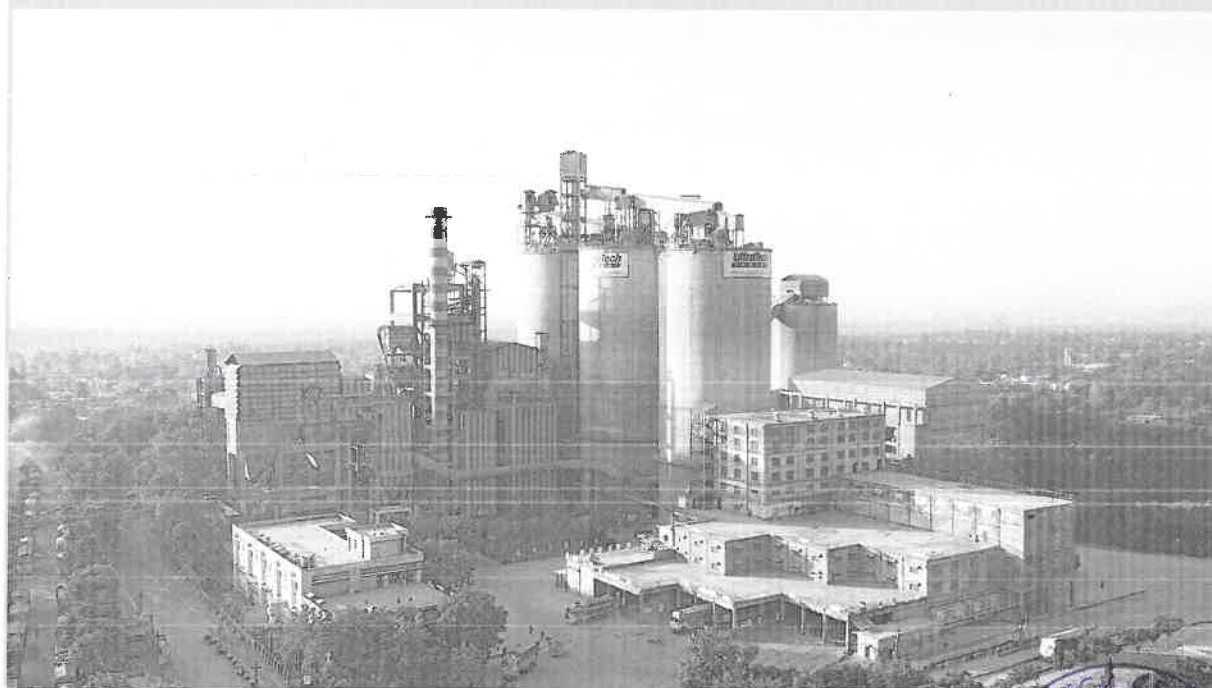
Village : Pandiyana, Post Office : Bagheri, Tehsil : Nalagarh, Distt. : Solan, H.P. 174 101

T : +91 1795 266934 | W : www.ultratechcement.com

Registered Office: 'B' Wing Ahura Centre, 2nd Floor, Mahakali Caves Road, Andheri (East), Mumbai - 400 093, India
T : +91 22 6691 7800/6691 7801 | F : +91 22 6691 7901 | W : www.ultratechcement.com | CIN-L26940MH2000PLC128420

ENVIRONMENTAL STATEMENT REPORT

[2024-2025]



ULTRATECH CEMENT LIMITED
UNIT: BAGHERI CEMENT WORKS
SUBMITTED TO
H.P STATE POLLUTION CONTROL BOARD



"FORM - V"

(See rule 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31ST MARCH 2025

PART - A

(I)	Name & Address of the Owner / Occupier of the Industry Operation or Process	UltraTech Cement Ltd, (Unit: Bagheri Cement Works). Village -Pandiyana (Tikri), Post- Bagheri, Tehsil - Nalagarh, District -Solan, (H P), Pin-174101
(II)	Industry Category Primary (STC CODE) Secondary (SIC CODE)	Red category and Large (Cement manufacturing) Primary STC Category
(III)	Production Capacity	2.0 MTPA (Cement)
(IV)	Year of Establishment	Year: 2010
(V)	Date of last Environmental Statement Submitted	28.09.2024

PART - B

WATER & RAW MATERIAL CONSUMPTION

(i) Water Consumption-

Description	m ³ /day
Process	Nil (As plant is based on dry process technology)
Domestic	107
Industrial Cooling & Utility	46
Dust Suppression	34
Horticulture	45
Civil Work	26
CSR (Sent to Villagers)	21
Miscellaneous	39
Total	318



(ii) Consumption per unit of production

Name of the Product	Process/ cooling Water Consumption per unit of Product Output	
	During the Current Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
Cement	0.00887	0.0175

(iii) Raw Material Consumption

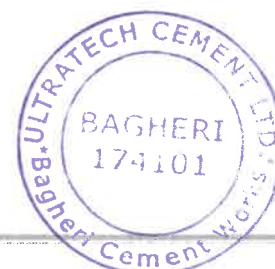
Name of the Raw materials	Name of the Products	Consumption of raw material per unit of output (MT/MT of Product)	
		During the current financial year (2023-24)	During the current financial year (2024-25)
1. Clinker	Cement	0.6232	0.62007
2. Fly Ash		0.3449	0.33662
3. Gypsum		0.03193	0.04330

(iv) Power consumption

Name of the Products	Consumption of Power per unit of output (Kwh/MT of Cement)	
	During the financial year (2023-24)	During the current financial year (2024-25)
Cement	28.972 kwh/MT	28.41 kwh/MT

(v) Production

Production	Production of Cement	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
Cement (MT)	1749971	1668003



PART - C

POLLUTANT DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT (FY 2024-2025)

(Parameters as specified in the consent issued)

S. No.	Pollutants	Quantity of Pollutants Discharged (Mass / day) (tonne/day)	Concentrations of Pollutants in discharged (Mass / Volume) (mg/Nm3)	Percentage of variation from prescribed standard with reasons
(a)	Water	Cement Manufacturing process is based on dry process technology. Hence, no waste water is generated from plant process. Only domestic waste water is being generated which is treated in the STP of 210 KLD capacity. The treated water is being used for horticulture and sprinkling purpose within the plant premises.		

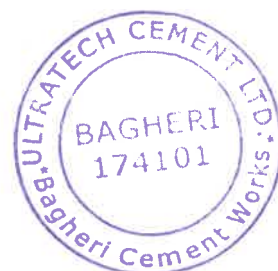
(b) Air

1. Stack Emission Level

Location	APCD	Parameter	Min	Max	Avg.	Limit Mg/Nm3
Cement Mill Stack	Bag House	PM	4.9	19.7	8.9	30

2. Ambient Air Quality Monitoring at Plant Boundary

Location	Near Township			Near Dehni Village			Near Pandiyana Village			Limits (µg/m3)	
Parameter	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	24 Hr	Annual
PM10	11.9	91.8	58.1	14.02	86.6	58.13	23.5	80.9	59.3	100	60
PM2.5	8.4	62.3	34.8	9.6	55.6	38.24	7.53	58.9	38.7	60	40
SO2	1.04	34.3	8.4	0.73	26.24	10.56	0.97	24.2	9.6	80	50
NO2	4.83	46.4	18.9	4.23	32	16.56	6.82	44.9	17.6	80	40



PART - E

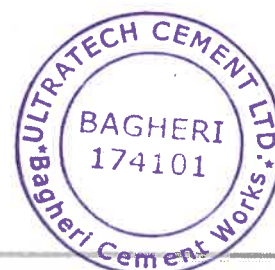
Solid Waste

Solid Waste		Total Quantity	
		During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(a)	From Process	No solid waste generated from the cement Manufacturing process.	
(b)	From Pollution Control facilities	The dust collected in the Bag House and Bag Filters recycled back in the cement manufacturing process.	
(c)	(i) Qty. recycled or reused Within the unit.	100% reutilized in the cement manufacturing process	100% reutilized in the cement manufacturing process
	(ii) Sold	NA	NA
	(iii) Disposed	NA	NA

PART - F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

S. No.	Waste Generation	Source	Qty. of waste generated during the year	Qty. of waste dispose during the year	Accumulated Quantity (as on 31.03.2025)	Disposal Method
Hazardous Waste						
1.	Used Oil (Cat. 5.1)	Cement Plant	3170.0 Ltr.	3170.0 Ltr.	0.00 Ltr.	Sold to the authorized recyclers
2.	Grease (Cat. 5.2)		2332 Kg.	2332.00 Kg.	180.00 Kg.	Sold to the authorized recyclers



PART - E

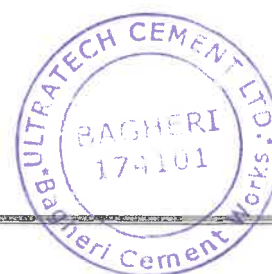
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2.	Grease (Cat. 5.2)		2332 Kg.	2332.00 Kg.	180.00 Kg.	Sold to the authorized recyclers

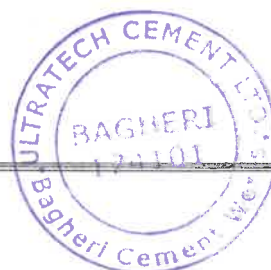


Other Solid Waste (Generated from entire plant premises):

Description of Waste	Qty. of waste generated during the year (MT)	Disposed (MT)	Accumulated Quantity (as on 31.03.2025)	Disposal Method	Equipment Facility Used
Metal Scrap	46.79	46.79	NIL	Sold to Authorized Vendors	-
Burst PP Bags/Wrappers	32.56	32.56	NIL	Sold to Authorized Vendors	-
Rubber Waste (Conveyor Belt)	14.24	14.24	NIL	Sold to Authorized Vendors	-
E-waste (Electrical/Electronics/IT-Waste) etc.	1.15	1.15	NIL	Sold to Authorized Recycler	-
Batteries Waste	2.12	2.12	NIL	Sold to Authorized Recycler	-
Bio-Medical Waste	0.01173	0.01173	NIL	Sold to Authorized CBMWTF	

1. Hazardous waste:

- All in house generated used spend Oil (cat. 5.1) and Grease (Cat. 5.2) from the different sections of plant (Machineries/Equipment) is being collected in close MS drums/barrels and then stored at Hazardous waste storage room that has been made as per Hazardous and Other Wastes (Management and transboundary Movement Rules), 2016. This hazardous waste is sold out to authorized recycler.



2. Solid waste:

- There is no solid waste generated during the process of cement manufacturing, as solid waste generated from pollution control equipment (Bag houses, & bag filters) recycled back into the system and reutilized.
- The waste conveyor belts and iron/steel scrap etc. disposed to vendors.
- Road & paved areas are being regular cleaned by sweeping machines.
- The non- biodegradable and bio-degradable waste from plant & colony is being segregated and biodegradable is being converted into compost through Organic Waste Converter for horticulture purpose.

3. Batteries Waste Management: -

- Complying with the provisions under Batteries (Management & Handling) amendment Rules, 2010 and subsequently amended rules 2022, as a Bulk Consumer, the half year return regarding purchase & disposal of batteries is submitted regularly to HPSPCB.

4. E-waste Management: -

- Complying with the provisions under E-waste (management) Rules 2022, and its subsequent amendment as a Bulk consumer. The E-waste generated from the unit is being sold out only to authorized E-waste recyclers.

5. Bio Medical waste Management: -

- Complying with the provision under Bio-Medical waste Management Rules 2016, and its subsequent amendment for the segregation and disposal of Bio-Medical waste generated from OHC centre.
- The Bio-Medical waste is being segregated into coloured bins and disposed through the authorized CBMWTF i.e. M/s Enviro Engineers and its own vehicle used for the transportation of Bio-Medical waste.

PART - G

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

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

Cement plant operates on modern dry process technology, recognized for its cost efficiency, fuel economy, and environmentally sustainable performance. As part of our commitment to circular economy practices, we utilised fly ash of 561490.045 MT in FY 2024-25 in cement production which is purchased from thermal powerplants & Paper mill, thereby conserving natural resources and significantly reducing clinker consumption.



Emissions are managed through state-of-the-art Air Pollution Control Devices (APCDs), including Bag Houses, while fugitive dust is controlled by bag filters at key material transfer points. The collected particulate matter is fully recycled within the process, ensuring zero waste, optimizing resource use, and neutralizing operational costs of pollution control without impacting production economics.

1. Air Pollution Control Measure

- Closed storage facility provided for raw material and product.
- Covered conveyor belt provided for transportation of raw material and product inside the plant premises.
- Approx. 34.01 % area covered under green belt development.
- Online ambient air quality monitoring station (01 nos) provided at plant boundary and online emission monitoring system (CEMS) installed for stack emission control.
- Dust collected inside the pollution control devices recycled back into the process.
- Bag filters provided at all the raw material transfer points and material/product storage silos to control fugitive emission.
- Water sprinkling at haulage roads and inside the plant premises.
- Routine maintenance of air pollution control equipments.

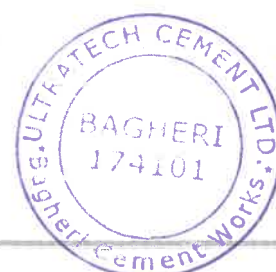
Sources of air emission with measure provided for pollution control are given as under:

S.No	Major Source of Air Pollution	Pollution Control Measures
1.	Cement Mill	Bag House
2.	Packer	Bag filters
3.	Material transfer points & storage	Pipe conveyor and Bag filters

The lists of major Pollution Control Devices installed are as under:

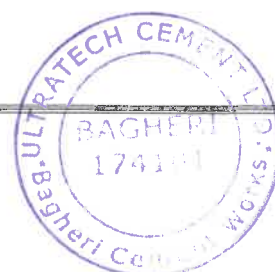
A. Bag House

Sr. No.	Pollution Control Devices attached with	Pollution Control Devices installed	Capacity m3/hr
1	Cement Mill	Bag House	480000

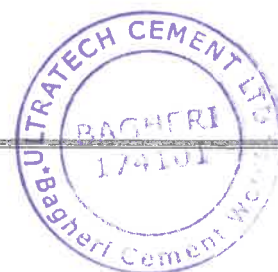


B. Bag filters installed at various transfer points:

SL. NO.	Bag Filter No.	LOCATION	Capacity m3/hr
MATERIAL HANDLING AREA			
1	K12FN1	F/A Truck Trip HOPPER TOP	18000
2	K12FN2	F/A Truck Trip HOPPER TOP	18000
3	K12FN3	F/A Truck Trip HOPPER TOP	18000
4	K12FN4	F/A Truck Trip HOPPER TOP	18000
5	K12FNH	Course F/A SILO-01 TOP	7500
6	K12FNI	Raw F/A SILO-01 TOP	7500
7	K12FNJ	Raw F/A SILO-01 TOP	7500
8	K12FNK	OPC SILO-02 TOP	7500
9	K12FNL	OPC SILO-02 TOP	7500
10	K12FNM	FFA SILO-02 TOP	7500
MATERIAL HANDLING AREA- GRINDING UNIT			
11	513FN1	Clinker Truck Trip Hopper Top	18000
12	513FN2	Clinker Truck Trip Hopper Top	18000
13	K32FN1	Clinker Truck Trip HOPPER TOP	18000
14	K32FN2	Clinker Truck Trip HOPPER TOP	18000
15	K32FN5	Gyp.Belt Trans.Point	6325
16	513FN6	Clinker Dump Hopper Bottom	5500
17	513FN3	Clinker Silo Top	7000
18	513FN4	Clinker Silo Disc DBC to Belt	10000
19	513FN5	Clinker belt TR Pt. top	8050
20	K32FN3	Gypsum belt Trans Pt. top	10000

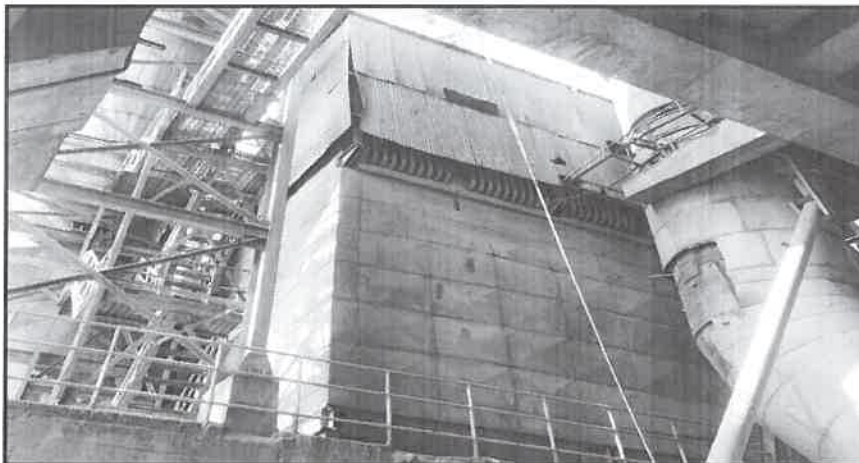


CEMENT GRINDING AREA			
21	521FN2	Belt feed to Mill Hop. TOP	10000
22	521FN3	W.F. discharge & Elev. Hop. TOP	10000
23	521FNB	RP FEED REJECT BUILDG TOP	8050
24	521FNA	RP FEED REJECT BUILDING	8000
25	521FN4	ROLL PRESS Venting	45000
26	521FN6	Mill Venting B.F.	45000
27	521FN7	BAG HOUSE DISCHARGE	10000
28	521FN8	571BE1 Venting SKS Top	10000
29	241 FN1	Course F/A Bin Top	7500
F/A CLASSIFIER & CEMENT BLENDING AREA			
30	K42FN1	SILO 1 Extn RFA Bin TOP	2000
31	K42FN2	Raw F/A feed to Classifier	5500
32	K42FND	F/A CLASSIFIER BAG HOUSE	176000
33	K42FN3	CFA O/P Classifier Buildg.	10000
34	K42FN4	FFA O/P Classifier Buildg.	10000
35	K22FN5	SILO 1,EXTN BIN CFA K22CB1	3650
36	K32FN8	SILO 2,EXTN BIN FFA K32CB1	7500
37	K32FN9	SILO 2,EXTN BIN OPC K32CB2	3650
38	K32FNH	PPC SILO-03 TOP	8050
39	K32FNF	PPC SILO-03 TOP	8050
40	K32FNG	PPC SILO-03 TOP	8050



CEMENT EXTRACTION & PACKING AREA

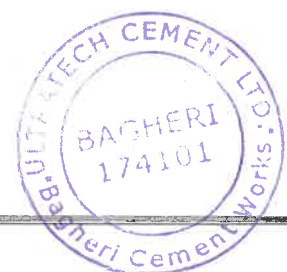
41	612FN1	SILO3,EXTN BIN TOP 612CB1	3650
42	612FN2	SILO3,EXTN BIN TOP 612CB2	3650
43	612FN3	SILO3, BULK LOADING SPOUT	3000
44	612FN8	SILO3,EXTN BIN TOP 612CB3	3650
45	642FN3	PACKER 1 TOP FLOOR	30000
46	642FN6	PACKER 2 TOP FLOOR	30000
47	642FN9	PACKER 3 TOP FLOOR	24000
48	642FNC	PACKER 4 TOP FLOOR	24000
49	L31FN1	Coal feeding to HAG	8400

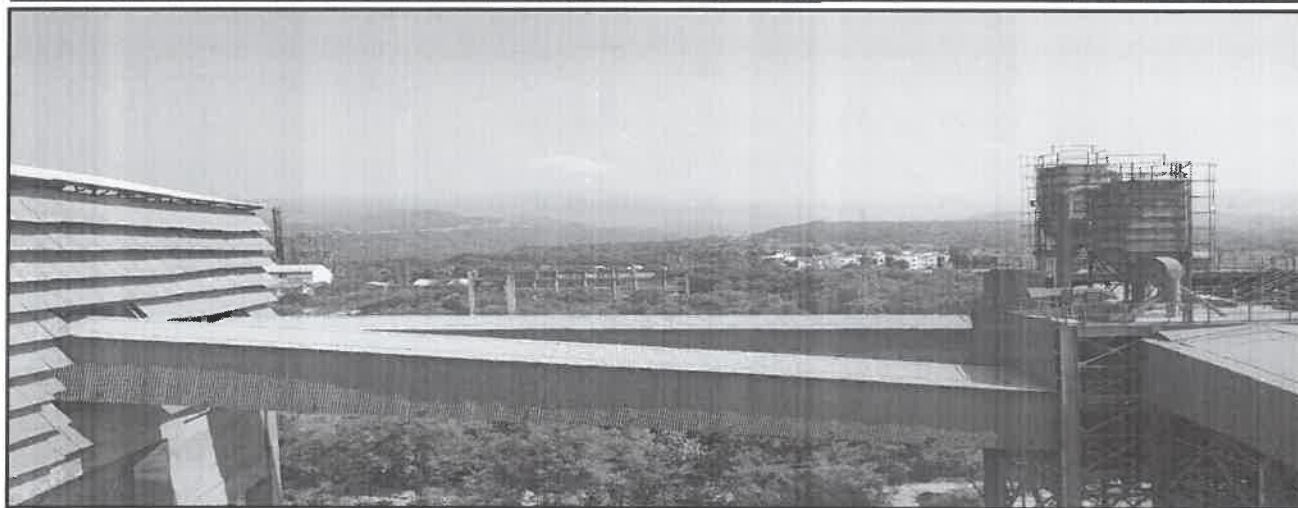
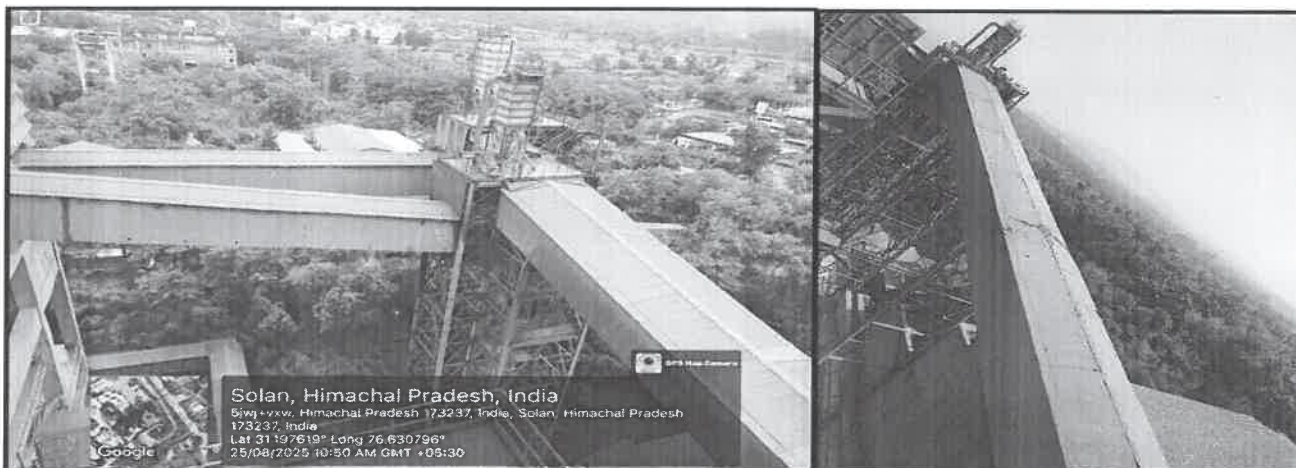


Cement Mill Bag House



Bag Filters at Truck Tripler





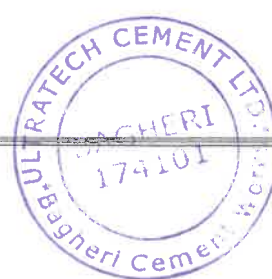
Covered Conveyor belt for material transfer



Mechanical Sweeping Machine

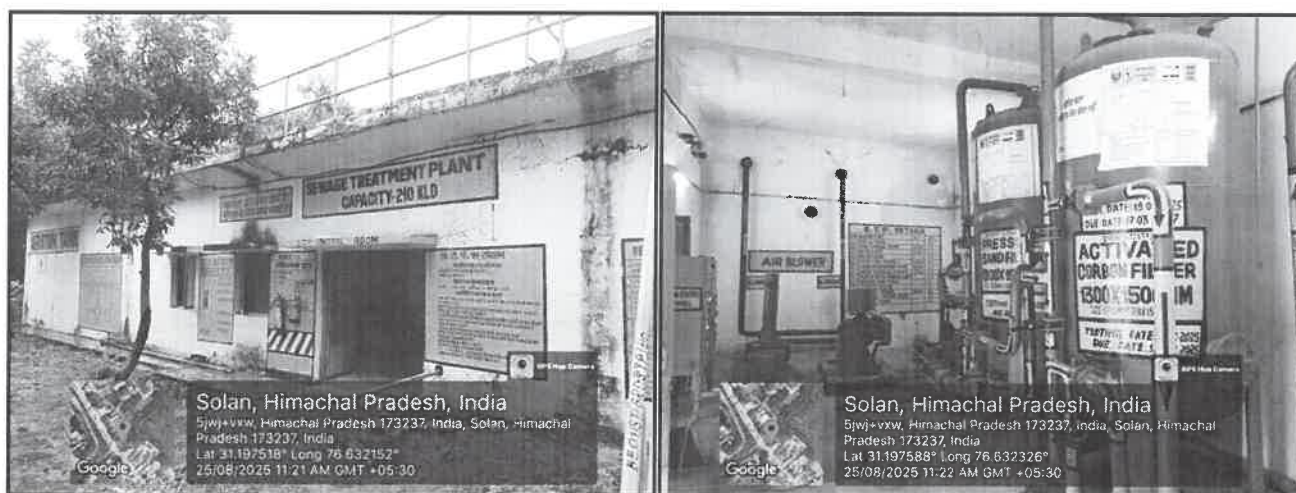


Closed Silo for storage of Cement/Clinker/Fly ash



2. Water Pollution Control Measures:

- The cement plant operates on dry process technology; hence, no effluent/wastewater is generated from the process. Water used for cooling is recirculated/recycled back into the system.
- Domestic sewage is treated in a 210 KLD Sewage Treatment Plant (STP) consisting of Neutralization Tank, Aerator Blower, Aeration Tanks, Clarifiers, Chlorine Contact Tank, Pressure Sand Filter, Activated Carbon Filter, and Filter Press.
- In FY 2024–25, about 11,623 KL of treated STP water was reused for dust suppression and greenbelt development.
- The STP ensures treated water meets prescribed norms, and the final treated water is reutilized in horticulture, greenbelt development, and dust suppression.
- STP sludge is dewatered through a Filter Press and the dried sludge is used as manure for greenbelt development.



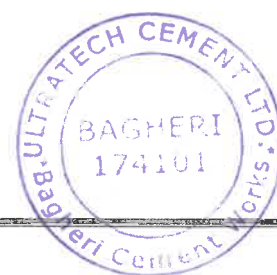
Photographs of Sewage Treatment Plant

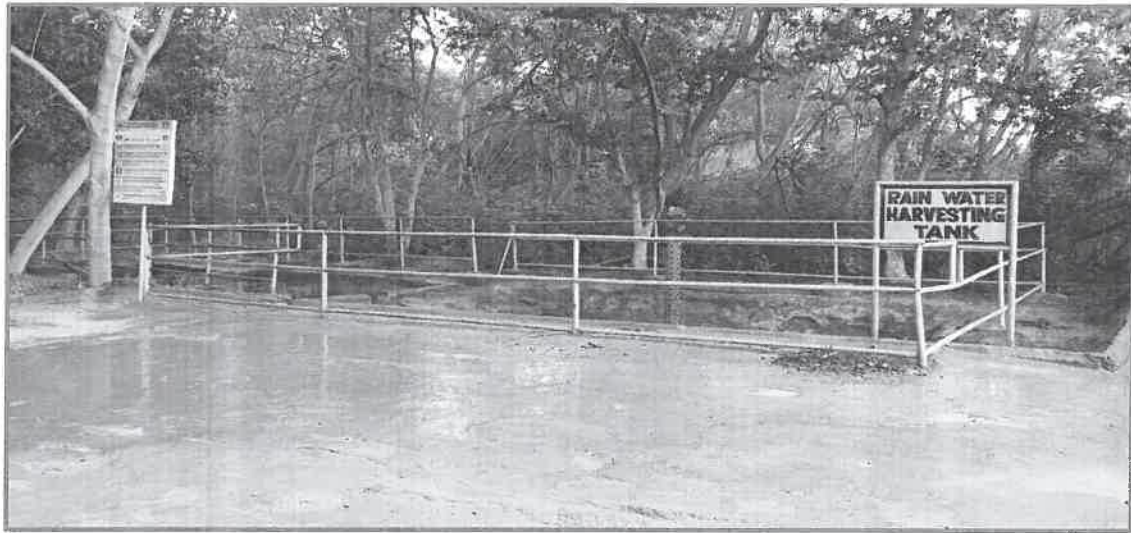
3. Rain Water Harvesting Measures

Four Rain Water harvesting Tanks have been constructed at the plant area for recharge of ground water. The details are given below:

[i] Near Clinker Silo

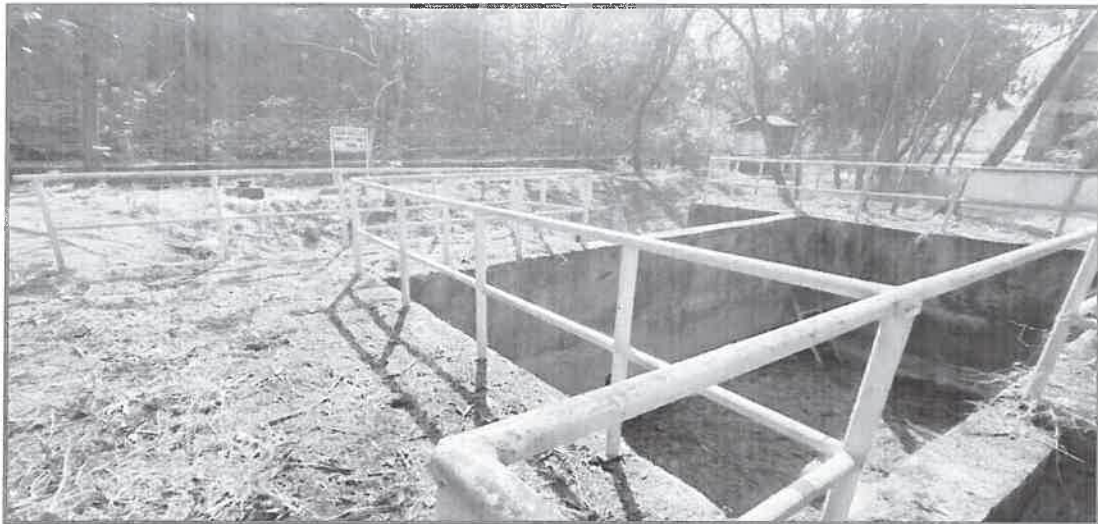
- a) Dimension of the Tank: 8.00m X 6.00m X 2.50m
- b) Total Volume of the Tank = 120 m³
- c) The storm water drains of Cement Mill, Dump hopper, Administrative Building, Packing Plant, Weigh Bridge, and Main Gate are connected to the pond.





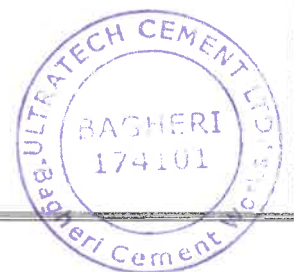
[ii] Near Auto workshop

- a) Dimension of the Tank: 18.00m X 8.00m X 3.00m
- b) Total Volume of the Tank = 432 m³
- c) The storm water drains of DG house, Auto workshop area, and 132 KVA substations.



[iii] Near Club

- a) Dimension of the Tank: 10.00m X 6.00m X 3.00m
- b) Total Volume of the Tank = 180 m³
- c) The storm water drains of Township, Field hostel-4 & 5, Club area



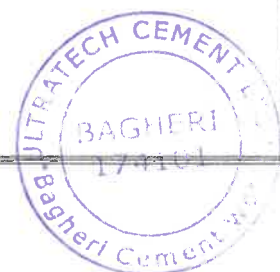


[iv] Near Cow Shed

- a) Dimension of the Tank: 10.00m X 6.00m X 5.00m
- b) Total Volume of the Tank = 300 m³
- c) The storm water drains of Field hostel No.-1 & 2, Worker colony.



4. Compliance with all the applicable recommendations mentioned in Charter of Corporate Responsibility for Environmental Protection (CREP) specified for Cement Plant:



- The stack emission level within the limit of 30, mg/Nm³ for PM respectively as prescribed HPPCB.
- The plant is neither located in critically polluted area nor in urban area.
- Bag house is provided at raw mill stack to control stack emission.
- Applicable notified standards for Particulate Matter, is followed and necessary measures are taken to maintain the same within standards.
- Fugitive dust emission controlled by providing closed storage shed for gypsum, and Closed conveyor belts and dust collectors provided at all the raw material transfer points. Water sprays arrangements at gypsum shed.
- Opacity monitors installed at all major process stacks for continuous monitoring of particulate matter (PM).
- Fly ash sourced from outside TPPs is being used in cement manufacturing.

5. Energy Conservation Measure

Conservation of Energy & Energy Conservation Measures :-

Sr. No.	Energy Conservation Measures	Implemented On
1.	Three nos new high mast (3600W total) installed in the plant premises. Savings- 1900 W/Hr	Aug-25
2.	50 nos purging solenoids replaced with high volume pulse solenoids in main Bag House to save air pressure	Mar-25
3.	Power optimization through material transportation from Silo- 2 to Silo-3 by bypassing Blender and Mixer drives. Savings- 356.5KW/Hr	Mar-25
4.	Packing plant main bag filters, 04 nos new DP transmitters installed and interlocking done with DP limits to save air pressure.	Mar-24
5.	High Volume, Low-Pressure compressor installed for Fly ash Unloading. 30 KW/hr	Oct-24
6.	Optimisation of lower rating 45 KW compressor instead of 90 KW compressor.	March-22
7.	Replace FTL and HPSV lamps with LED lamps	Dec-2



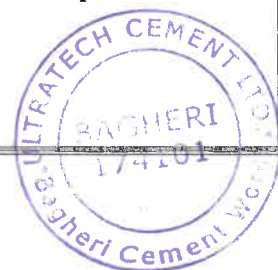
8.	Bag Filter Purging pipe & union joint replaced with flange type for bag filters of packing plant-04 nos	Oct-20
9.	Optimization of single roots blower for silo compartment as well as bin.	Nov-20
10.	Old conventional fan replacement with Energy saving Ceiling Fan	July-21
11.	Installation of Occupancy Sensor 05 nos in Load Centre	March-21
12.	Change in Cooling Tower Fan Interlock temperature based upon the weather conditions	March-22
13.	To arrest air leakages upto 10 % by optimizing maintenance services	March-23
14.	Diversion of mill vent bag filter discharge to product Silo in PPC Mode	Under progress
15.	75 KW Screw Compressor installed by replacing of 90 KW Reciprocating Compressor. 15 KW saving per hour	Dec-23
16.	RP roller Replacement with compound cast Roller	July-22

PART - H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

The unit has adopted the following practices to minimize fugitive emissions and improve plant hygiene:

- Installed bulker loading system of replacing plastic packaging, minimizing plastic use.
- All raw materials are stored in covered yards.
- All conveyor belts are fully covered to avoid dust escape.
- Clinker, fly ash, and cement are stored in silos.
- A mechanical vacuum road sweeping machine is deployed to reduce fugitive emissions from manual sweeping. Collected material is reused in the cement process.
- Water sprinkling is carried out at roads and dust-generating points inside the plant.



- Only covered trucks/bulkers are permitted for fly ash transport.
- Continuous online monitoring system (OCEMS) for ambient air quality and stack emissions.
- Bag filters and dust extraction systems installed at all material transfer points.
- Process interlocking systems provided to trip equipment in case of high temperature, abnormal dust concentration, or malfunction of emission control devices.
- Tarpaulin covering stands installed to ensure safe covering of trucks.
- Concrete roads constructed and maintained inside plant premises.
- Installed bulker loading system replacing plastic packaging, minimizing plastic use.
- Waste segregation at source and installation of an Organic Waste Converter for biodegradable waste from colony.

EXPENDITURE ON VARIOUS ENVIRONMENTAL ACTIVITIES:-

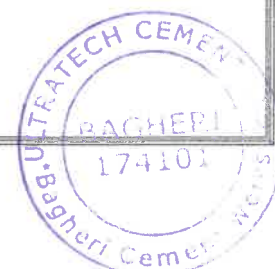
Sr. No.	Environmental Activities	Cost (Rs. Lacs)
		Recurring Expenses Year (2024-2025)
1.	Expenditure on Environment (pollution control and environmental lab testing expenses, STP etc)	29.10
2.	Running cost of APCD including power Cost and maintenance cost	26.76
3.	Plantation/Green Belt Development	27.03
4.	Occupational Health (Dispensary)	51.86
5.	Corporate Social Responsibility (CSR)	35.2
Total Expenditure		169.9

PART – I

ANY OTHER PARTICULATES FOR IMPROVING THE QUALITY OF ENVIRONMENT:

1. Environment Monitoring Programme:

- Measures at various sources of the plant. To check the effectiveness of provided pollution control measures, we have made a comprehensive environment monitoring plan and environment monitoring is carried out by the approved third-party lab regularly as per standard frequency/schedule.
- Established the 03 nos. Ambient Air Quality Monitoring Stations i.e. around the plant periphery in upwind, down wind and crosswind direction to monitor real impact of emission on Air Environment.



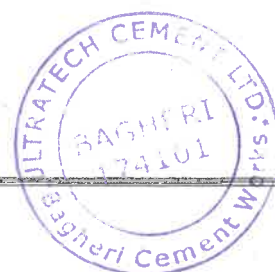
- The stack emission monitoring facility with safe platform, staircase have been provided at the major process stacks of plant.
- The effluent/waste water analysis is being carried out by approved third party lab.
- The calibration of all the monitoring equipment is being done by external calibration agency on yearly basis.
- A structured Walk-Through Inspection (WTI) system ensures early detection of spillage, leakages, or housekeeping issues. Observations are logged by area in-charges and corrective actions are tracked through the Mysetu App.
- Regular inspection and preventive maintenance carried out for all pollution control devices.
- Proper operation of pollution control devices is being ensured by regular checking & Scheduled maintenance of all concerned devices.

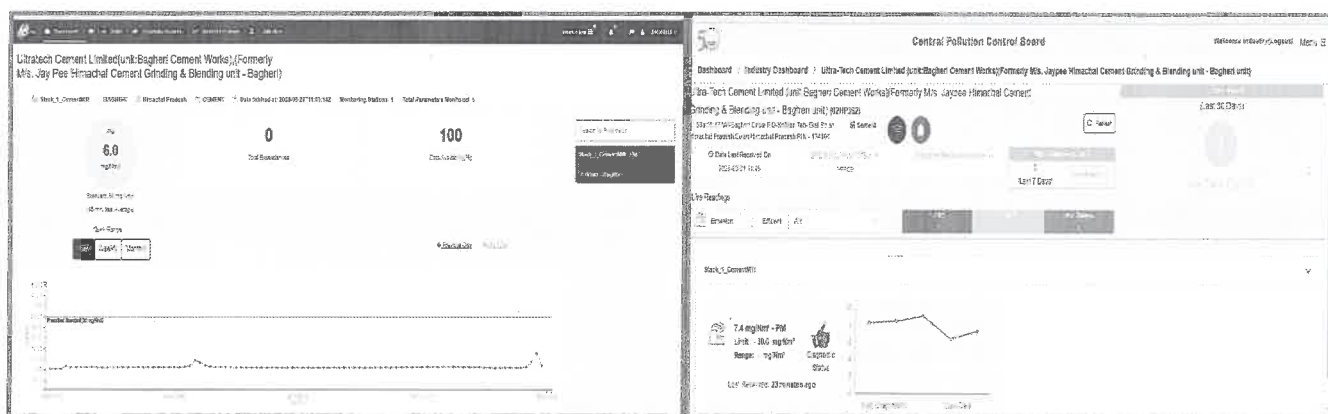
2. Environment Management Cell: -

- The unit has established an Environment Management Cell under the control of senior executives.
- The Environment Cell is responsible for take care of overall environmental monitoring of all type air, water and noise pollution; implementation of environment protection measures; pollution control equipment performance checking & operation, regular checking of leakage points and spillage and look after other general environmental activities like green belt, rain water harvesting etc. with co-ordination of plant people.

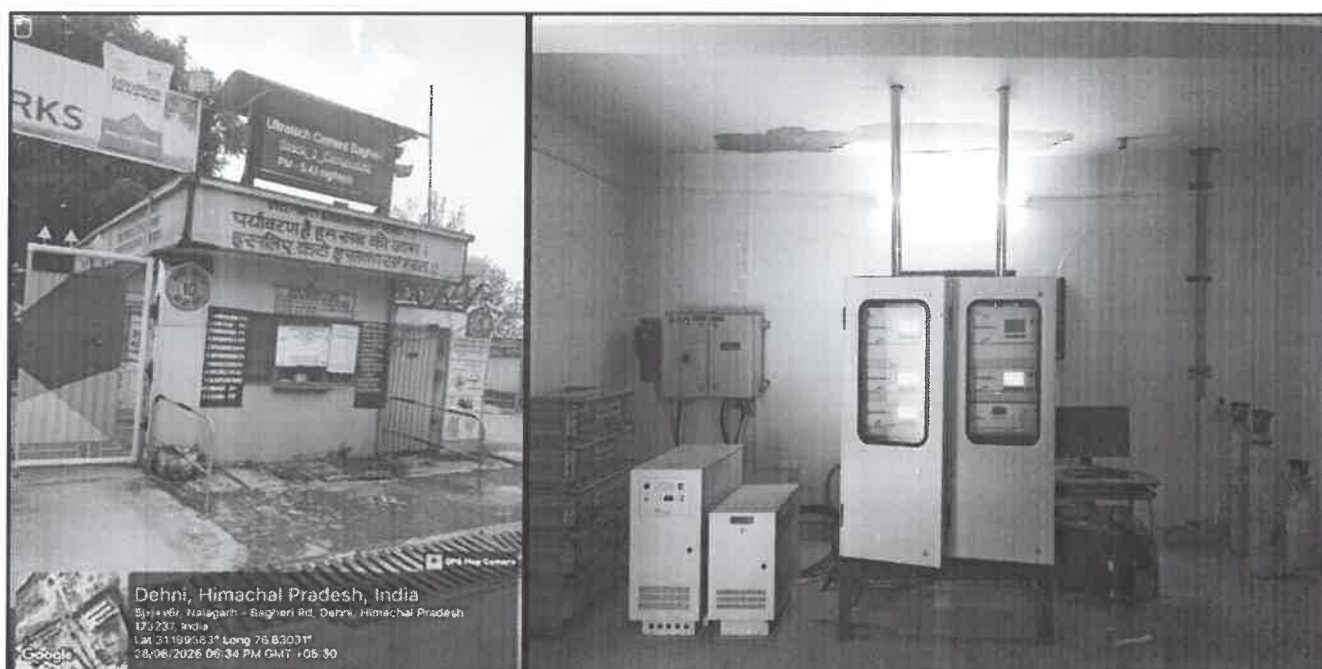
3. Online Continuous Emission Monitoring Systems/ Facilities:

- As per the guideline/ instruction by CPCB/HPPCB, the online Continuous Emission Monitoring System for stack monitoring and Continuous Ambient Air Quality Monitoring System (CAAQMS) for Air Quality monitoring has been installed at unit.
- The connectivity of Continuous Emission Monitoring System (CEMS) has been done with the CPCB & HPPCB server. The parameters such as PM, Temperature, are being monitor by CEMS on real time basis and data is being transmitted to CPCB/HPPCB server continuously.
- The online digital display board have been provided for the online display of monitoring data at our plant main gate in the public domain with real time updates.





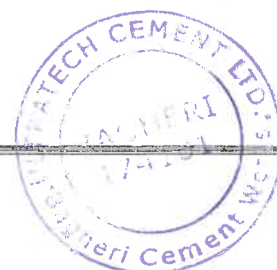
Photograph of CEMS data transferring to the HSPCB&CPCB server



OCEMS Display board at main gate for showing real time Stack Emission & CAAQMS Station

4. Awareness Initiatives

- Awareness programs conducted for employees and nearby community on "Protection of Environment, Beat Plastic Pollution, and Water Conservation."
- Mega Cleaning Drive and Plantation Drive conducted during World Environment Day celebrations.
- Periodic interaction with local stakeholders to spread awareness on sustainable practices.

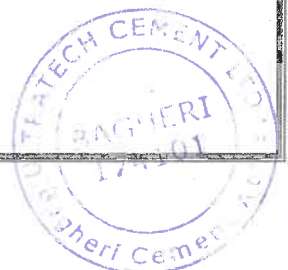




Awareness programs on "Protection of Environment, Beat Plastic Pollution, and Water Conservation



Mega Cleaning Program





Mega Cleaning Program

5. Plantation/Green Belt Development:

- Plantation is a continuous initiative at our unit, with extensive tree plantation undertaken across the plant premises, and colony areas to effectively reduce ambient dust levels.
- The greenbelt is developed with native species that are natural dust trappers and resilient to dust pollution, ensuring sustainable growth and ecological balance.
- During FY 2024-25, 200 saplings were planted across the plant, colony, and nearby areas, further strengthening our commitment to environmental improvement and greenery enhancement in and around our operations.



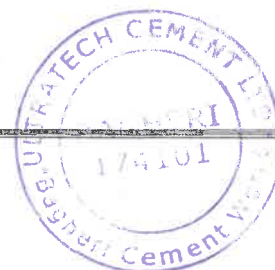


Plantation Drive

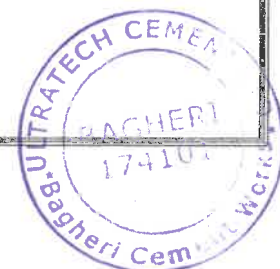
- We have the green belt and plantation coverage area of 34.01% inside the plant and colony premises. It has also been noted that the plantation development programme has been started in the remaining open spaces of the premises. The species planted on the basis of their dust tolerance and low water requirement.

Plantation details are shown in the following table:

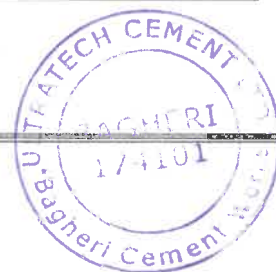
Sr. No.	Year	Type	No. of Plant Planted	Species of Plant planted
1	January 2010 To Sep. 2010	Trees	1200	Mango, Lemon, Guava, Black berry, Silver Oaks Gulmohar, Mol shree, Alostonia.
		Creepers	250	Vougainvillia, Vegonia, Clitoria,
		Shrubs	6000	Duranta, Hamilia, irisine, Nerium, Murrya, Acalypha,
		Seasonal Flower	2500	Pitonia, Tegetis, Calandula, Pansy, Iceplant, verbina, Sun Flower, Rose, Dahalia
2	October 2010 To March 2011	Trees	900	Mango, Lemon, Guava, Black berry, Silver Oaks Gulmohar, Mol shree, Alostonia, Ashok, Esterculia
		Creepers	150	Vougainvillia, Vegonia, Clitoria,
		Shrubs	2550	Duranta, Hamilia, irisine, Nerium, Murrya, Acalypha,
		Seasonal Flower	1550	Pitonia, Tegetis, Calandula, Pansy, Iceplant, verbina, Sun Flower Rose, Dahalia
3	April 2011 To Sep. 2011	Trees	1050	Mango, Lemon, Guava, Black berry, Silver Oaks Gulmohar, Mol shree, Alostonia, Ashok, Esterculia
		Shrubs	5000	Duranta, Hamilia, irisine, Nerium, Murrya, Acalypha,
4	Oct. 2011 To March, 2012	Trees	300	Alostonia, Aerocoria, Juniparous
		Shrubs	3000	Duranta, Hemalia, Inermi,
		Seasonal Flower	4000	Pitonia, Tegetis, Calandula, Pansy, Iceplant, verbina, Sun Flower, Rose, Dahalia



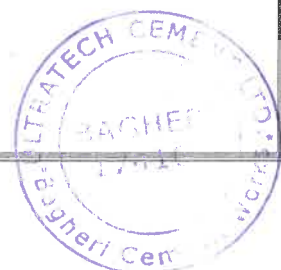
5	April 2012 To Sep.2012	Trees	3208	Juniparous,Tuni,Shisham,Chakresia,Kachnar,Kanak chmpa,Venjomia,Kesia, Silveroak,Arjun, Ashok,Mango, Guava
		Shrubs	2500	Duranta, Hemalia, Inermi,
		Seasonal Flower	1000	Gainda. Verbina, Sunflower
6	October, 2012 to March, 2013	Trees	500	Mango, Guava, Amla, Neem, Pipal, Bargad, Bottle Palm, Ficus Benjomina, Cycus, Bottle Brush, Gulmohar etc.
		Shrubs	1500	Inermi, Duranto etc.
		Seasonal Flower	5000	Sunflower, Guinda, Verbina, Putinia, Gajonia, Pansy, Dahlia, Guldawadi, Rose etc.
7	April, 2013 to Sep, 2013	Trees	3500	Mango, Chakresia, Sisam, Tuni, Kachnar, Sehtut, Lisoda, Nim & Bargad etc.
		Shrubs	1000	Duranto, Hamelia & Inermi etc.
		Seasonal Flower	4000	Tezatis, Sunflower & Orbina etc.
8	October, 2013 to March, 2014	Trees	100	Bottle pulm, Ficus benjomina,
		Shrubs	200	Duranta, Nerium Indica etc.
		Seasonal Flower	2500	Tezatis, Sunflower & Orbina etc.
9	April,2014-, Sep,2014	Trees	950	Chakresia, Kachnar, Tuni, Shisham, Mango, Arjun, Kenar etc
		Shrubs	500	Duranto, Hamelia & Inermi etc.
		Seasonal Flower	3000	Tezatis, Sunflower & Orbina etc.
10	October,2014 to March,2015	Trees	1137	Chakresia, Silver Oak, Kanak Champa, Populas, Subabul, Eucalyptus, Ficus Gulemeratus, Kachnar, Tuni, Shisham, Mango, Arjun, Kenar etc
		Shrubs	800	Duranta, Hamelia etc
		Seasonal Flower	3000	Gandha, Jinia, Orbina, Pitunia, Sunflower etc
11	April,2015 to March, 2016	Trees	186	Silver Oak, Kanak Champa, Populas, Subabul, , Ficus Gulemeratus, Kachnar, Tuni, Shisham, Mango, Arjun,etc
		Shrubs	320	Duranta, Hamelia etc
		Seasonal Flower	850	Gandha, Jinia, Orbina, Pitunia, Sunflower etc
12	April,2016 to Sep,2016	Trees	450	Silver Oak, Kanak Champa, , Subabul, , Ficus Gulemeratus, , Tuni, Shisham, Mango, Arjun,etc
		Shrubs	260	Duranta, Hamelia ,Inermi,Bougavilia ,Chandni etc



		Seasonal Flower	3200	Gandha, Jinia, Verbina, Pitunia, Sunflower, etc
13	Oct,2016 to March,2017	Trees	275	Kanak Champa, , Ficus Gulemeratus, , Tuni, Shisham, Mango, Arjun,etc
		Shrubs	150	Duranta, Hamelia ,Inermi,Bouganvilia ,Chandni etc
		Seasonal Flower	1500	Gandha, Jinia, Verbina, Pitunia, Sunflower, etc
14	April,2017 to Sep.,2017	Trees	285	Jamun,Moricealba,Shisham ,Tuni, Mango, Arjun, Pipal etc.
		Shrubs	130	Duranta, Hamelia ,Inermi,Bouganvilia ,Chandni etc
		Seasonal Flower	1350	Gandha, Jinia, Verbina, Pitunia, Sunflower, etc
15	Oct,2017 to March,2018	Trees	275	Kanak Champa, , Ficus Gulemeratus, , Tuni, Shisham, Mango, Arjun,etc
		Shrubs	150	Duranta, Hamelia ,Inermi,Bouganvilia ,Chandni etc
		Seasonal Flower	1500	Gandha, Jinia, Verbina, Pitunia, Sunflower, etc
16	April,2018 to Sep.,2018	Trees	260	Jamun,,Shisham ,Tuni, Mango, Arjun, Pipal,Bargad,Amla,Neem etc.
		Shrubs	265	Duranta, Hamelia ,Inermi,Bouganvilia ,Chandni,Amaltas,Harsingar etc
		Seasonal Flower	210	Gandha, Jinia, Verbina, Pitunia, Sunflower, Rose, Chameli etc
17	Oct,2018 to March, 2019	Trees	120	Tuni, Shisham, Mango, Arjun, Pipal, Neem, etc
		Shrubs	170	Duranta, Hamelia ,Bouganvilia ,Amaltas,Harsingar etc



		Seasonal Flower	130	Gandha, Jinia, Verbina, Pitunia, Sunflower, Kachnar, Rose, Chameli, Kaner etc
18	April ,2019 to March 2020	Trees	160	Tuni, Shisham, Mango, Arjun, Pipal, Neem, etc
		Shrubs	210	Duranta, Hamelia ,Bougavilia ,Amaltas, Harsingar etc
		Seasonal Flower	340	Gandha, Jinia, Verbina, Pitunia, Sunflower, Kachnar, Rose, Chameli, Kaner etc
19	April, 2020 to Mar' 2021	Trees	151	Alestonia , Silver oak, Sagwan, Sukchain, Chakresiya, Argun etc.
20	April, 2021 to Mar' 2022	Trees	212	Ashoka, Silver oak, Sagwan, Arjun etc.
21	April 2022 to March 2023	Trees	210	Ashoka, Silver oak, Sagwan, Arjun etc.
22	April 2023 to March 2024	Trees	250	Neem, Tuni, Mango, Jamun, Arjun, Pipal, ,Shisham etc.
22	April 2024 to March 2025	Trees	200	Ashoka, Neem, Shisham, Pipal



PHOTOGRAPHS OF EXISTING PLANTATION



Plantation along the Colony Roads



Plantation Near Admin Building with in Plant



Plantation in front of packing plant & Near CCR Building



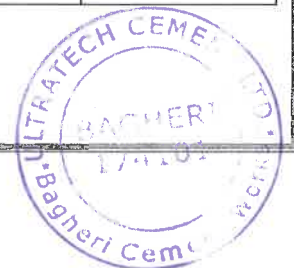


Plantation in the Company Camp area

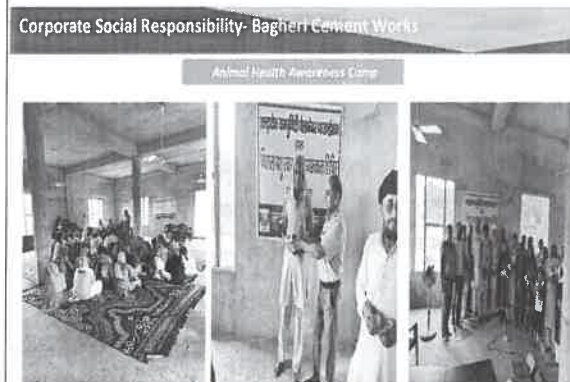
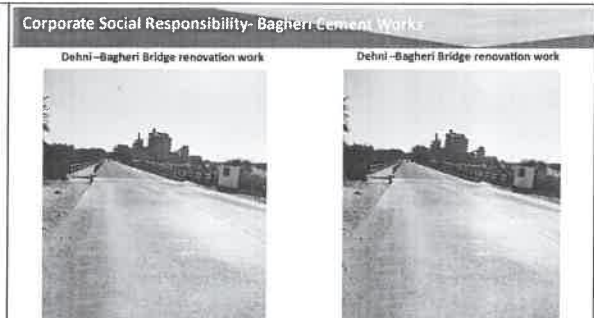
6. Corporate Social Responsibility:

Unit is untiringly committed to the social up-liftment of rural and under developed weaker sections of the society through social, economic, cultural and eco development beyond business as the responsible towards rural community development.

CSR Activities 2024-25					
S.No.	Allocation of CSR Budget- Initiatives	FY 24-25 Budget (Rs. In Lakh)	Expenses FY 2024-25 (Rs. In Lakh)	Particular	Beneficiaries FY 2024-25
1.	Repair of Anganwadi in Khatiwal Village	1.25	0.58	Education	60
2.	Support for quality education School teacher	0.9	0.09		300
3.	Renovation of Boys washroom at Govt. Sr. Sec. School Bagheri	2.5	3.62		100
4.	Keyboards & Mouse Purchased for CSR Activity	0.15	0.015		220
5.	Support To Printing of School Magazine	0.15	0.115		280
6.	Drinking water, Nation Day Celebration and School Cultural	0.55	0		
7.	Instructor fee charges for stitching & tailoring centre- Gurnoor Silai Kendra. Animal Health camp. Gaushala repairing work	5	2.77	Sustainable Livelihood	260
8.	Repair of Roads/ Culcerts/ Bridges/Bus stands	15.53	23.31	Infra Development	12150
9.	Community Halls				
10.	Street Lights fixing in Pandiayana Village				
11.	Infrastructure Developments - Others				

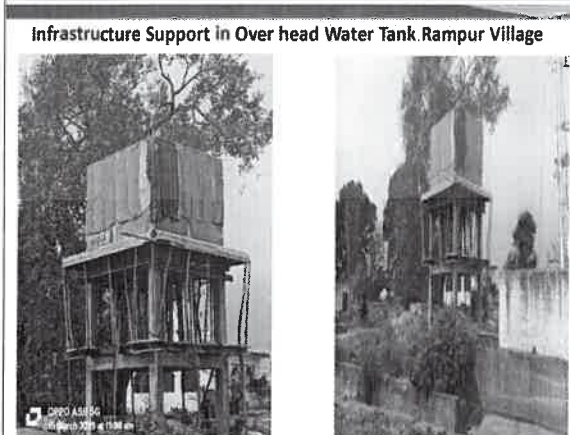


12.	Modification in Rain shelter				
13.	WRITING & PAINTING WORK EXP				
14.	Support to Cement Bags for Civil work like retaining wall, Gaushala, Community Centre, Gaushala, Roads repairing, etc	2.28	2.27	Infra Development	1000
15.	Financial support - Sports activities in nearby villages	3	2.43	Social Empowerment	200
Total		31.3	35.2		14570



Animal Health Awareness Camp

Dehni-Bagheri Bridge Renovation & Blanket Distribution



Infrastructure Support in Over Head Water Tank Rampur Village

Renovation of Washrooms at GSSS Bagheri



Corporate Social Responsibility- Bagheri Cement Works

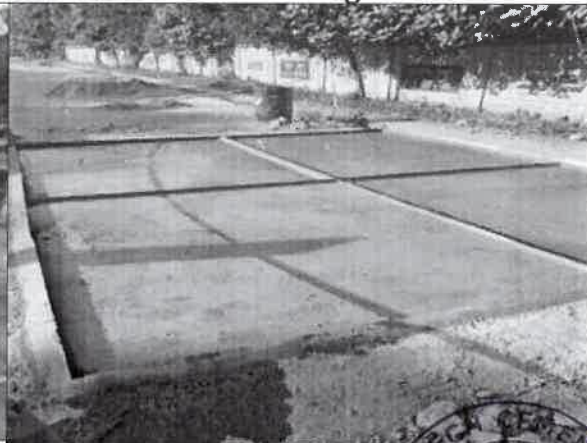
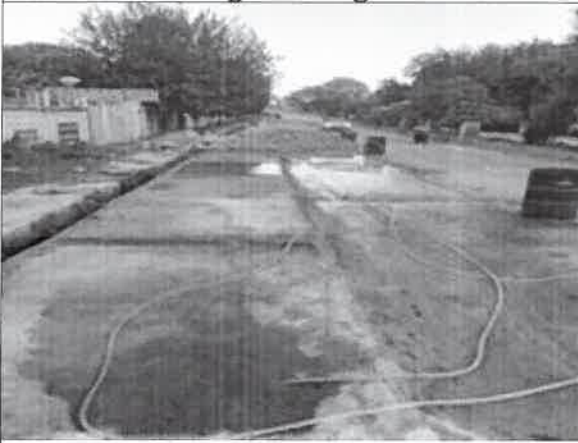
Support to Chhinj Mela- Kushti Dangal Bagheri



Support to Chhinj Mela- Kusti Dangal Bagheri



Stitching Training and Material Distribute for new Stitching Trainee



Road Repairing Work

