UTCL/DCW/ENV/EC/23/58

Date: - 08.11.2023

To,
The Deputy Director General of Forest (C)
Ministry of Environment Forest and Climate Change
Integrated Regional Office, Kolkata IB – 198,
Sector-III, Salt Lake City, Kolkata - 700106

Sub: - Submission of Six-monthly EC Compliance report of Environment Clearance granted for the proposed expansion involving enhancement in cement production capacity (2.0 MTPA to 2.4 MTPA) by installation of new Slag Grinder in existing Standalone Cement Grinding Unit by M/s UltraTech Cement Limited (Unit: Dankuni Cement Works) located at JL No. 80, Vill & Mouza- Panchaghara, PS- Chanditala, Dist- Hooghly, West Bengal- Regarding.

Ref: - Environment Clearance Letter No. 2016/EN/T-II-1/021/2017 dated 07.09.2017 issued by SEIAA, West Bengal.

Sir,

With reference to above cited subject, we are hereby submitting point wise Half Yearly EC Compliance report for the period from Apr.'2023 to Sept.'2023 for above referred Environment Clearance Letter issued to M/s UltraTech Cement Limited (Unit: Dankuni Cement Works) located at JL No. 80, Vill & Mouza- Panchaghara, PS- Chanditala, Dist- Hooghly, West Bengal.

Kindly acknowledge the receipt.

Thanks, and Regards,

For, M/s UltraTech Cement Limited (Unit: Dankuni Cement Works)

for

Mahender Singh Rathore
Unit Head

CC to: 1. The Member Secretary SEIAA, West Bengal
2. The Member Secretary, West Bengal Pollution Control Board, Kolkata
3. CPCB, Zonal Office, Kolkata
4. Environment Engineer, WBPCB Regional Office, Hooghly.

UltraTech Cement Limited
Dankuni Cement Works
JL-80, Vill: Panchghara,P.O. Panchghara Bazar, P.S. Chanditala, Dist: Hooghly, Pin-712306, W.B.

Marketing Office :
UltraTech Cement Ltd.
22, Camac Street, Block-D, 4th Floor,
Kolkata 700016
Tel: 033 3012 4400/4100 Fax (033) 3021 4590/4390

Regd. Office:
UltraTech Cement Ltd.
Ahura Cement 'B' Wing, 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

Date: - 08.11.2023

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENT CLEARNACE

NAME OF THE PROJECT : Environmental Clearance for the proposed expansion involving enhancement in Cement production capacity (2.0 MTPA to 2.4 MTPA) by installation of new Slag Grinder in existing Standalone Cement Grinding Unit at JL No. 80, Vill & Mouza- Panchghara, PS- Chanditala, Dist- Hooghly, West Bengal.

ENVIRONMENTAL CLEARANCE LETTER NO. & DATE : 2016/EN/T-II-1/021/2017, Dated 07/09/2017

PERIOD OF COMPLIANCE REPORT: Apr. 2023 – Sept. 2023

Status of the project: Consent to Operate **No. CO 134726** is obtained vide **Memo No. 229/PCB/HGY/R/6002/-2015 (I) Date:11/08/2023, Valid upto.31/07/2028. Application # 3762694.**

Sl. No.	Specific Conditions	Compliance level	Compliance status
1	The gaseous emission from various process units should conform the load / mass-based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.	Complied	Our cement plant is only a grinding unit and no gaseous emission is envisaging from grinding process. However, particulate matter emission is monitored regularly by third party and also opacity meter installed. The particulate emission during Apr.'23 to Sept.'23 from main cement mill Stack no-1 was ranging from 14.54 mg/Nm3 to 26.1 mg/Nm3 and Avg was 20.18 mg/Nm3 and Slag mill Stack no-2 was ranging from 12.0 mg/Nm3 to 23.8 mg/Nm3 Avg was 18.92 mg/Nm3.
2	Cement grinding shall be carried out in closed cement mill. Provision of dust extraction and pollution control systems along with minimum stack height of 35m from GL should be made for control of emission. Highly efficient cyclone separators, pulse jet bag filters and ID fan should be provided for raw material handling section, ball mill, silo	Complied	1.Unit is carrying Cement grinding in closed circuit cement mill, with the Provision of dust extraction and pollution control systems along with stack height of 63.00 m from GL for Ball Mill and 51.70 m for expansion unit i.e. slag grinding unit for control of emission.

	and packing section. The stack emissions shall be monitored at regular intervals and records maintained. The stack emission should not exceed 30 mg/Nm3.		2.Highly efficient 42 no. (34 nos in Line 1 and 08 Nos in Line 2) of Pulse Jet Bag filters have been installed at material transfer points and at process area. Highly efficient Bag House are installed at Cement Mill and Slag Mill. 3. The stack emissions is being monitored at regular intervals and records are maintained. Control measures are taken such that stack emission should not exceed 30 mg/Nm3. **Pic.No-1**  **Installed CEMS**

Table No-01

Sl. No.	Month	Parameter	Result in mg/Nm3(Manual Isokinetic Stack Analysis)	
			Stack 1 (Cement Mill)	**Stack 2 (Slag Mill)**
1	Apr.23	**Particulate Matter**	16.5	18.2
2	May.23		20.82	18.56
3	Jun.23		14.54	12
4	Jul.23		26.1	21.8
5	Aug.23		21.6	19.18
6	Sept.23		21.54	23.8
	Average		20.18	18.92
	Minimum		14.54	12
	Maximum		26.1	23.8

3	Regular monitoring of ambient air quality shall be carried out in and around the plant and records shall be maintained. The ambient air quality standards as per GSR 826 (E) dated 16.11.2009 to be maintained. At least Four ambient air quality monitoring stations should be established in down ward direction as well as where maximum ground level concentration of PM_{10}, $PM_{2.5}$, SO_2 and NO_X are anticipated in consultation with SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the SEIAA and the SPCB once in six months.	Complied	1.Regular monitoring of Ambient Air Quality is being carried out in four directions of the plant and records are maintained as per NAAQS 2009. 2.The unit has installed 01 CAAQMS in East direction of the plant and 3 manual Air Quality Sampling stations at West, North and South direction of the plant. Also, Manual AAQ monitoring are being carried out at 4 locations in 4 directions by NABL accredited and WBPCB authorized Lab on every month and submitted the report to RO, WBPCB.
	 Pic No-2 CAAQMS at East Direction		 Pic No-3 AQMS at South Direction

Pic No-4 AQMS at North Direction

Pic No-5 AQMS at West Direction

Table No-2 Ambient Air Quality Monitoring Data from Apr.23 to Sept.23

Sl. No	Location	Parameters	Unit	Limit	Apr.23	May.23	Jun.23	Jul.23	Aug.23	Sept23	Avg.	Min	Max
1	West Side of Boundary Wall (Near Solar Plant)	Concentration of $PM_{2.5}$	$\mu g/m^3$	60	46.56	38.41	48.5	39.5	26.2	39.6	39.80	26.20	48.50
		Concentration of PM_{10}	$\mu g/m^3$	100	75.1	74.07	79.12	63.12	61.52	64.12	69.51	61.52	79.12
		Concentration of SO_2	$\mu g/m^3$	80	6.8	7.17	7.86	5.8	5.82	6.2	6.61	5.80	7.86
		Concentration of NO_2	$\mu g/m^3$	80	28.5	28.45	26.5	25.04	23.5	24.2	26.03	23.50	28.50
2	North Side of Boundary	Concentration of $PM_{2.5}$	$\mu g/m^3$	60	46.2	35.95	43.58	34.8	36.5	41.2	39.71	34.80	46.20
		Concentration of PM_{10}	$\mu g/m^3$	100	77.8	75.06	78.2	67.26	66.12	67.52	71.99	66.12	78.20

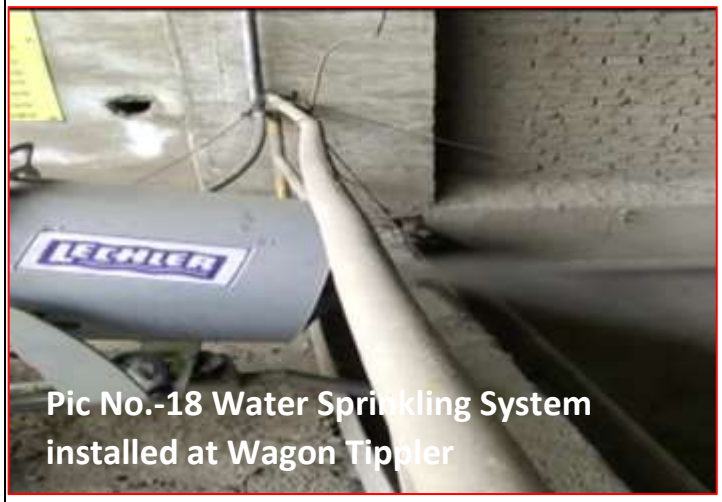
	Wall (Near B.R.U)	Concentration of SO_2	µg/m³	80	7.9	6.94	6.2	6.26	6.2	6.8	6.72	6.20	7.90
		Concentration of NO_2	µg/m³	80	26.2	26.5	25	25	23.26	25.06	25.17	23.26	26.50
3	South Side of Boundary Wall (Near Jalapara Village)	Concentration of $PM_{2.5}$	µg/m³	60	42.6	34.61	38.5	32.62	26.2	39.56	35.68	26.20	42.60
		Concentration of PM_{10}	µg/m³	100	70.8	72.62	71.26	61.58	31.5	63.2	61.83	31.50	72.62
		Concentration of SO_2	µg/m³	80	6.5	6.25	5.29	4.8	3.5	5.2	5.26	3.50	6.50
		Concentration of NO_2	µg/m³	80	23.5	25	23.52	23.52	20.02	23.5	23.18	20.02	25.00
4	East Side Near Main Gate	Concentration of $PM_{2.5}$	µg/m³	60	44.5	43.86	48.2	38.8	34.8	43.8	42.33	34.80	48.20
		Concentration of PM_{10}	µg/m³	100	74.2	76.22	86.56	69.52	68.1	71.29	74.32	68.10	86.56
		Concentration of SO_2	µg/m³	80	7.8	9.26	7.8	5.2	6.26	7.1	7.24	5.20	9.26
		Concentration of NO_2	µg/m³	80	28.5	31.54	28.52	24.26	25.05	26.52	27.40	24.26	31.54

4	The unit shall install continuous automatic ambient air quality monitoring station (CAAAQMS)for the project.	Complied	The unit has installed the station (CAAQMS) in East direction of the plant. **Pic No.-6** 
5	Finished cement should be collected in silo and packing should be done through pneumatically controlled system. Suction system should be installed at packing section to minimize fugitive emission.	Complied	Cement silos are installed for storing the Cement. Packing are done through pneumatically controlled 04 nos packer system. To minimize fugitive emission at packing plant, Unit has installed highly efficient bag filters and the dust collected in bag filters is recycled back to system.

	 Pic No.7 Cement Silo Storage		 Pic No.- 8 Packing Plant
6	All vibrating screens, storage bins will be adequately covered. Covered storage yards shall be provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filters at transfer points should be provided. Suction head should be provided at all transfer points.	Complied	1.All vibrating screens and storage bins are adequately covered. 2.The Storage yards are provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filters at transfer points are provided. De-dusting systems are provided at all transfer points.

	 Pic No-9 Clinker Silo		 Pic No-10 Fly Ash Silo
	 Pic No.11 Gypsum Shed		 Pic No.12 Coal and Slag Shed
7	Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Fugitive	Complied	1.Adequate dust suppression and extraction system are provided in material storage areas, material unloading and transfer points for controlling fugitive emission.

	dust emission from ball mill and storage areas shall be collected in bag filters and recycle back to the process. Water sprinkling arrangement shall be made in the raw material stock yards, cement bag loading areas, and other high dust potential areas.		2.Fugitive dust emission from ball mill and storage areas are collected in bag filters and recycled back to the process. 3. 01 Nos Mobile Water sprinkling tankers are engaged for dust suppression at Raw material handling area and also 01 no water sprinkling system installed in the wagon tippling area.
	 Pic No.13 Bag Filter at Silos		 **Pic No.-14**

	 **Pic No.-15 Bag filter at Raw Material Transfer Points**		 Pic No.16 Bag filter at Transfer
	 **Pic No.-17 Water Tanker for water Sprinkling**		 Pic No.-18 Water Sprinkling System installed at Wagon Tippler
8	Water required for proposed expansion shall be made from Ground water supply as proposed. Ground water shall not be abstracted without prior permission of the local body as well as the competent authority as per the West Bengal	Complied	Water is extracted and used as per Permission obtained from competent authority, from West Bengal Ground water Resources, Permit.No: P07 04 080 00000 03530 01 TSE dated 9th Jan 2012.

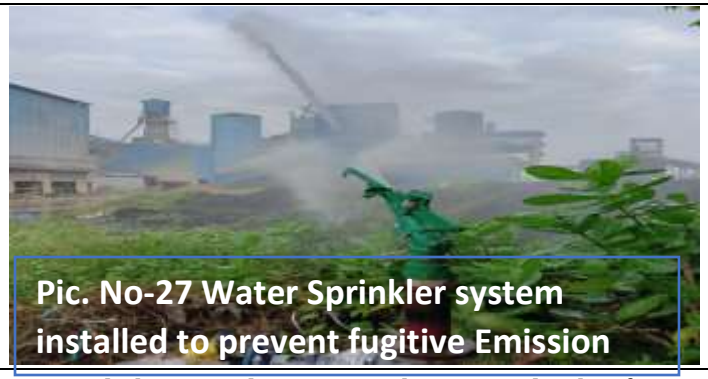
	Ground Water Resources (Management, Control & Regulation) Act, 2005.		
	 **Pic No. 18 Ground Water Abstraction Permission from SWID, West Bengal**		
9	Process effluent discharge is not permitted. No liquid effluent shall be generated by adoption of dry grinding process.	Complied	Cement is manufactured based on dry grinding. The water used for cooling purpose inside cement mill and all the water either evaporated or Absorbed. Hence Unit is following ZLD norms.
10	Clinker manufacturing / heating is not permitted under this environmental clearance. Clinker and fly ash shall be stored in the closed silos and gypsum in covered shed.	Complied	1.Dankuni Cement Works is a grinding Unit there is no provision for Clinker manufacturing / heating. 2.Clinker and fly ash are stored in the closed silos and gypsum; slag and coal are in stored under covered shed.
11	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers / re-processors only. Hazardous waste generated to be disposed of as per provisions of hazard waste(Management and Trans boundary movement)Rules,2016.		1.All the bag filter dust, clinker dust and cement dust from pollution control devices are recycled and reused in process of cement manufacturing. 2.Spent oil and batteries is being sold to authorized (M/s Shruti Petrochem Industries and M/s Inspec Oil Ltd) recyclers / re-processors only

<table>
<tr><td>12</td><td>Adequate provisions should be made for harvesting rain water. The unit may develop water body of adequate capacity to harvest rain water. The harvested water should be used for plantation, firefighting, washing and cleaning etc. Recharging of ground water is not permitted.</td><td></td><td>1.Unit has provided sufficient earmarked drain for collecting the rain water. Restructure of rain water harvesting pond is under progress, Approx. 50 % work are completed.
2. Roof Top Rainwater harvesting system installed at packing plant of 20 KL capacity.
2.Unit follows 'ZERO' recharge of ground water.</td></tr>
<tr><td></td><td> 
Pic No.-19 Rain Water Harvesting Pond</td><td></td><td> 
 
Pic No.- 20 Rooftop rainwater Collection System</td></tr>
<tr><td>13</td><td>Green belt shall be developed within the plant premises. At least 33 % of the area should be kept for green belt development. At least 10,480 numbers of trees to be planted and maintained in the green belt area of 14.97 Hectare. Indicative list of species is given in Annexure-I. There should not be any removal / destruction of vegetative cover both at establishment as well as operational stage, without sanction of appropriate authority.</td><td></td><td>Green belt is being developed as per CPCB guidelines for developing Greenbelt.
We have already developed green belt in 13.9677 Ha against 14.97 Ha as mentioned in Environment Clearance. We will ensure 33% of green belt plantation by Dec 2023.
<table>
<tr><th>Table No.-3</th><th>Area Greenbelt in Ha</th><th>Nos of saplings planted</th></tr>
<tr><td>As per EC condition</td><td>14.97</td><td>10480</td></tr>
<tr><td>Actual plantation</td><td>13.9677</td><td>14777</td></tr>
</table></td></tr>
</table>

	 Pic No.21 Greenbelt development at Boundary		 Pic No.22 Greenbelt development across road side
	 Pic No. 23 Greenbelt		 Pic No. 24 Greenbelt development Near TT
14	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA rules,1989 viz. 75dBA(Day time) and 70dBA(Night Time).		Overall noise levels are maintained within the standards as prescribed under EPA rules,1989 viz. 75dBA (Day time) and 70 dBA (Night Time).

Table No. 3 Summarized Result of Noise Level Apr.23 to Sept.23									
S.NO	Month	Period	Location						
			Near CCR Building (South)	Near Main gate (East)	Near Solar Plant (West)	Near Boundary side (North)	Min	Max	Avg.
1	Apr.23	Day time in dB(A)	62.82	64.65	62.81	62.7	62.7	64.7	63.2
		Night time in dB(A)	49.13	59.29	59.38	49.25	49.1	59.4	54.3
2	May.23	Day time in dB(A)	64.37	65.88	63.69	62.26	62.3	65.9	64.1
		Night time in dB(A)	45.88	58.72	56.96	49.25	45.9	58.7	52.7
3	Jun.23	Day time in dB(A)	61.8	63.97	63.8	63.07	61.8	64.0	63.2
		Night time in dB(A)	48.5	58.08	43.1	47.87	43.1	58.1	49.4
4	Jul.23	Day time in dB(A)	63.44	64.55	62.11	63.47	62.1	64.6	63.4
		Night time in dB(A)	48.42	60.48	46.05	45.71	45.7	60.5	50.2
5	Aug.23	Day time in dB(A)	62.55	62.7	59.14	62.9	59.1	62.9	61.8
		Night time in dB(A)	45.03	54.86	45.61	44.06	44.1	54.9	47.4
6	Sept.23	Day time in dB(A)	61.53	63.05	58.99	62.77	59.0	63.1	61.6
		Night time in dB(A)	50.7	52.75	42.5	43.4	42.5	52.8	47.3

15	Asphalting/concreting of roads and water spray all around the stock yard and the loading /unloading areas in the cement plant shall be carried out to control the fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high level of PM10 and PM2.5 such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that ambient air quality parameters confirm to the norms prescribed by the central pollution control board in this regard.		1.Unit has constructed concrete roads around the storage yards. (Pic.No.25&26). 2.Water sprinkling is being done by 01 Nos water tanker on regular basis at raw material handling areas and plant road. (Pic.No.17). 3.Unit has ensured the ambient air quality parameters confirm to the norms prescribed by the central pollution control board. (Pic.No.6) 4. Road Sweeping Machine is engaged for daily road sweeping round the clock. (Pic.No.30) 5.Water Sprinkler Gun installed to prevent fugitive emission. (Pic. No-27)

			6.Water Sprinkler Nozzle installed road side to prevent fugitive emission. (Pic No. 28)
	 Pic. No-25 Concrete internal roads		 Pic. No-26 Concrete material roads
	 Pic. No-27 Water Sprinkler system installed to prevent fugitive Emission		 Pic. No-28 Water Sprinkler Nozzle installed to prevent fugitive emission
16	Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicle movements. Provision of separate pathway for entry and exits of vehicle should be considered. Vehicles should conform to Pollution Under Control(PUC) norms. Proper housekeeping shall be maintained within the premises.		1.Appropriate lighting system done throughout the plant and work area. 2.Unit made well compacted road with proper plan for vehicle movement inside the plant. Presently PUC of all entering vehicles at plant area are checked by securities at main gate. 3.Mechanical sweeping machine and Vacuum Cleaning Machine are working in plant area and daily manual housekeeping is also carried out. Dust bins have been

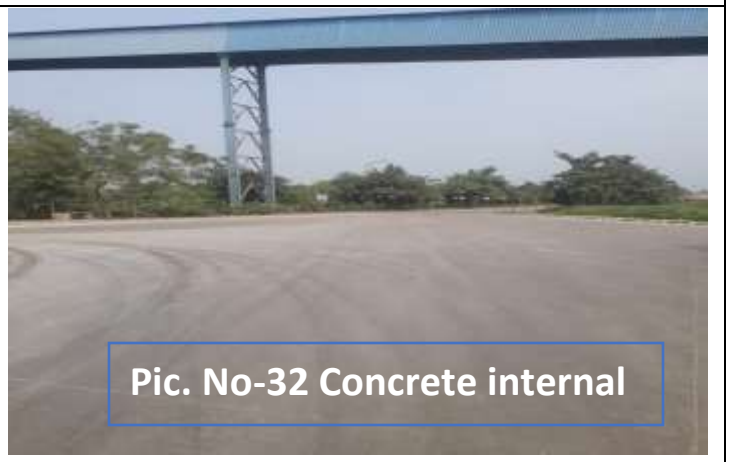
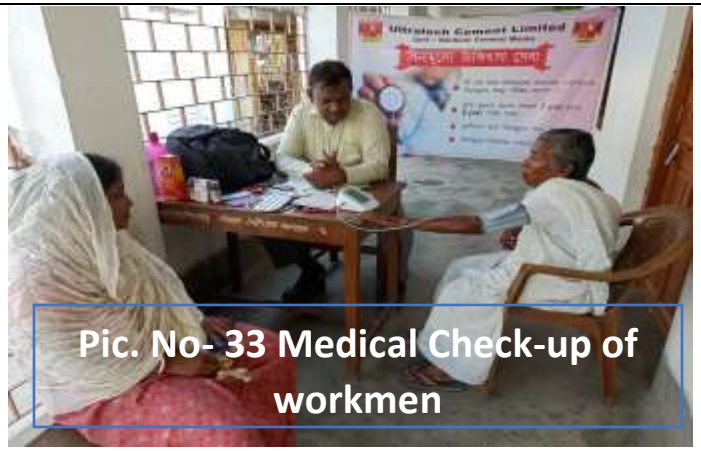
			provided at various locations for maintaining good housekeeping at the premises.
			
			
17	Health and safety of workers should be ensured. Worker should be provided with adequate personnel protective equipment and sanitation facilities. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.		Presently the unit is carrying its operations also with utmost care for Health and safety of all workmen. The same strategy is being followed for expansion and records maintained as per the Factories Act. The PPEs provided to all Workmen working at site and medical examination carried out as per UTCL policy. The health surveillance data provided in below table.

Table No.4 Medical Examination Conducted

Month	Apr.23	May.23	Jun.23	Jul.23	Aug.23	Sept.
Pre-Medical Examination	124	174	70	118	58	136



Pic. No- 33 Medical Check-up of workmen

Medical Check up of Workmen

Pic. No- 34 Medical Check-up of workmen

Pic. No-35 Medical Check-up of workmen

Pic. No-36 Medical Check-up of workmen

18	Adequate measures to be adopted to ensure industrial safety. Proper fire detection and protection system to be provided to control fire and explosion hazards.		Presently the unit is carrying its operations also with utmost care for safety of all workmen and the same has been continued for the expansion unit. Proper firefighting & fire hydrants installed at particular location of the plant area for control of fire & explosion hazards. Awareness on industrial safety / Fire control is also imparted to all employees.

Pic No-37

Building Classification

Fire Extinguisher Installed in the Plant


Smoke Detector Installed in the Plant


Fire Tender in The Plant


Fire Mock Drill Conducted in the Plant

Fire hydrant line installed throughout plant

19	All the recommendations mentioned in the corporate responsibility for environmental protection (CREP)guidelines for cement plants shall be followed and complied.		All the recommendations and guidelines of Corporate Responsibility for Environmental Protection (CREP) shall are followed and complied as applicable.
20	The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.		Environmental Management Plan (EMP) implemented as committed in the Environment Impact Assessment (EIA) report.

21	At least 2.5% of the total cost of project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical break up shall be prepared and submitted. Implementation of such programmes shall be ensured in time bound manner.		Unit has always played a responsible role in delivering its Social Responsibility under the CSR activities carried out from time to time in consultation with local Panchayat, Villagers & other local bodies. An amount of Rs. 5,75,101.51 Rupees Spent towards CSR activities in the period of Apr.'23-Sept. 23.

Table No.-5 Time Bound Action for CSR/ESC Activities

Sl. No.	Activity Head	Rs. In Lacs/Yr								
		1st(2017-18)	2nd(2018-19)	3rd(2019-20)	4th (2020-21)	5th(2021-22)	6th (2022-23)	7th (2023-24)	8th(2024-25)	Total Amount in Lacs
1	Education	26	8	3.24	3.565	0.25	6.50	5.20	5.26	41.05
2	Healthcare	20	7	2.83	3.119	6.42	5.69	4.55	4.61	39.37
3	Sustainable livelihood	15	12.56	5.08	5.597	1.9	10.20	8.16	8.26	40.14
4	Infra. Development	80	31	12.54	13.813	9.86	25.18	20.14	20.39	147.21
5	Women Empowerment	7.66	3	1.21	1.337	1.25	2.44	1.95	1.97	14.46
Grand Total		**148.66**	**61.56**	**24.9**	**27.43**	**19.68**	**50**	**40**	**40.5**	**412.73**

Pic.No.38

	General Conditions		
1	The environmental clearance accorded shall be valid for a period of 7 years for the proposed project.		We are aware of this condition and is well noted.
2	Prior Consent to Establish (NOC) for the proposed project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.		The unit has obtained Consent to operate for expansion from 2.0 MTPA to 2.4 MTPA vide Memo No. . **229/PCB/HGY/R/6002/-2015 (I) Date:11/08/2023,Valid up to 31/07/2028** .

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098

Consent Letter Number : CO134726.

Memo Number : 229/PCB/HOT/R/6002 - 2015 (1) Date : 11 /09/2020

Application # 3762694.

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Ultratech cement Ltd., Dankuni Cement Works.

(Address of Regd. Office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill. - Panchghara, P.O. - Panchghara Bazar, P.S. - Chanditala, Dankuni, Dist. - Hooghly, Pin. - 712 306.

(Detailed Address of the manufacturing unit)

for a period from date of issue to 31/07/2020

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

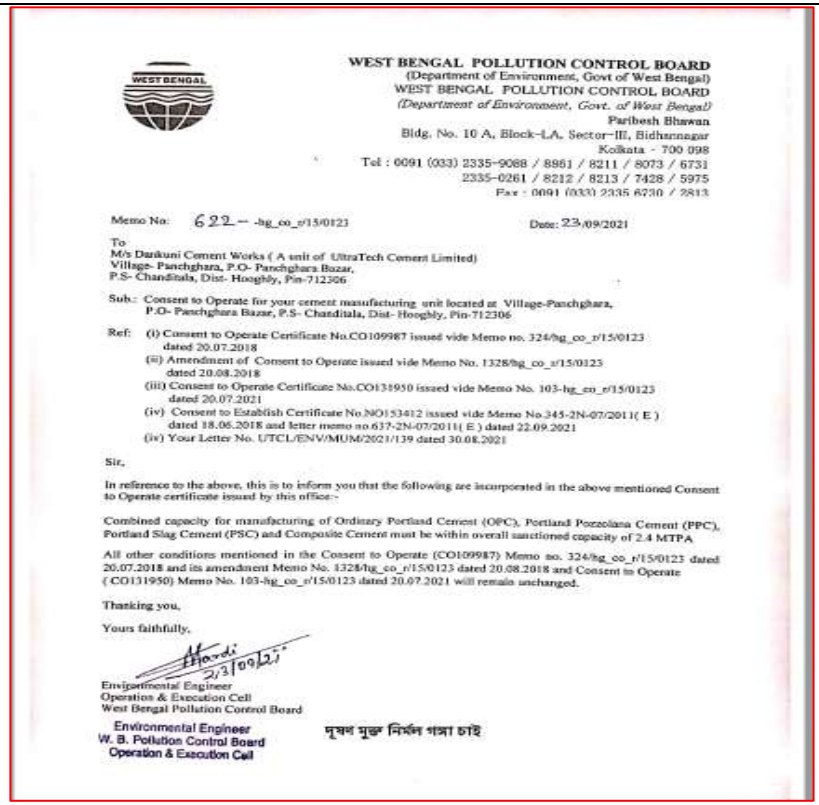
Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

For and on behalf of the State Board

(Member Secretary/Chief Engr/Sr. Env. Engr/ Env. Engr/ Asst. Env. Engr)

Environmental Engineer
Hooghly Regional Office,W.B.P.C.B.



WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Govt of West Bengal)
WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Govt. of West Bengal)
Paribesh Bhawan
Bldg. No. 10 A, Block-LA, Sector-III, Bidhannagar
Kolkata - 700 098
Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731
2335-0261 / 8212 / 8213 / 7428 / 5975
Fax : 0091 (033) 2335 6730 / 2813

Memo No: 622 -hg_co_r/15/0123 Date: 23/09/2021

To
M/s Dankuni Cement Works (A unit of UltraTech Cement Limited)
Village- Panchghara, P.O- Panchghara Bazar,
P.S- Chanditala, Dist- Hooghly, Pin-712306

Sub.: Consent to Operate for your cement manufacturing unit located at Village-Panchghara, P.O- Panchghara Bazar, P.S- Chanditala, Dist- Hooghly, Pin-712306

Ref: (i) Consent to Operate Certificate No.CO109987 issued vide Memo no. 324/hg_co_r/15/0123 dated 20.07.2018
(ii) Amendment of Consent to Operate issued vide Memo No. 1328/hg_co_r/15/0123 dated 20.08.2018
(iii) Consent to Operate Certificate No.CO131950 issued vide Memo No. 103-hg_co_r/15/0123 dated 20.07.2021
(iv) Consent to Establish Certificate No.NO153412 issued vide Memo No.345-2N-07/2011(E) dated 18.06.2018 and letter memo no.637-2N-07/2011(E) dated 22.09.2021
(iv) Your Letter No. UTCL/ENV/MUM/2021/139 dated 30.08.2021

Sir,

In reference to the above, this is to inform you that the following are incorporated in the above mentioned Consent to Operate certificate issued by this office:-

Combined capacity for manufacturing of Ordinary Portland Cement (OPC), Portland Pozzolana Cement (PPC), Portland Slag Cement (PSC) and Composite Cement must be within overall sanctioned capacity of 2.4 MTPA

All other conditions mentioned in the Consent to Operate (CO109987) Memo no. 324/hg_co_r/15/0123 dated 20.07.2018 and its amendment Memo No. 1328/hg_co_r/15/0123 dated 20.08.2018 and Consent to Operate (CO131950) Memo No. 103-hg_co_r/15/0123 dated 20.07.2021 will remain unchanged.

Thanking you,

Yours faithfully,

Environmental Engineer
Operation & Execution Cell
West Bengal Pollution Control Board

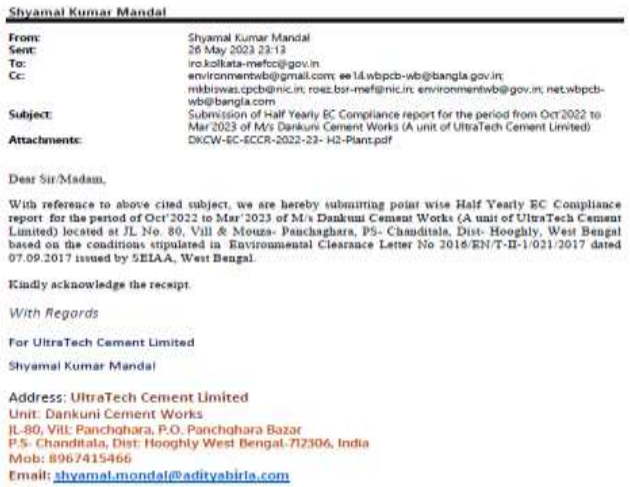
Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

দূষণ মুক্ত নির্মল গঙ্গা চাই

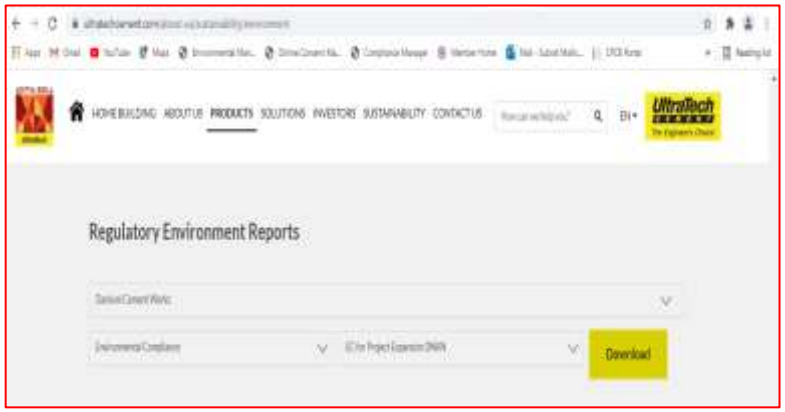
Pic No. 39 CTO for Expansion from 2.0 to 2.4 MTPA Production. **Pic. No.40 Amendment in CTO for inclusion of Composite Cement**

3	The project proponent shall comply with all the environmental protection measures and safe guards recommended in EIA / EMP. Further the unit must undertake Socio-Economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply, sanitation program for local school and health care etc.		Presently the unit is taking all the environmental protection measures and safeguards as recommended in EIA/EMP like installation of baghouse/bag filter at all required locations etc. Unit is also undertaking Socio-Economic development activities in consultation with local body under CSR activity.
4	All the conditions, liabilities and legal provision contained in the EC shall be equally applicable to the successor management of the project in the event of the project		We are aware that all the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the

	proponent transferring the ownership, maintenance of management of the project to any other entity.		project transferring the ownership, maintenance of management of the project to any other entity.
5	Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits. Environmental sanitation should be ensured for the workers.		The unit has provided all the required facilities to the workmen engaged in project construction work.
6	The project proponent should make financial provision in the total budget of the project for implementation of the environmental safe guards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA. West Bengal along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.		The unit has followed the stipulated conditions. 1. Unit has installed 41 nos. of bag filters at different transfer points and material handling section. Installed 2 Bag House for Slag Mill and Cement Mill. 2. Provided Sweeping machine for road sweeping. 3. Installed Rooftop Rain water Harvesting System and reconstructing Rain Water Harvesting Pond. 4. Air Pollution measuring instruments are installed as per the WBPCB and CPCB requirement. 5. Hired WBPCB authorized, NABL accredited lab for measuring Air quality, Noise quality, Stack emission in monthly manner. 6. Greenbelt development as per EC condition being implemented. An amount Rs 3853019.55 lacs. are earmarked towards recurring cost for Environment Management Plan.
7	No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority, West Bengal. In the case of any changes in the scope of the project, the project would require a fresh appraisal by the SEIAA, West Bengal.		The expansion project is being established after taking all the required clearances from WBPCB. No further expansion done.
8	The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safe guards, should be given full co-operation, facilities and documents / data by the project proponent during their inspection. A six-monthly compliance report and the		1.Agreed. The half yearly compliance status and the monitored data with statistical interpretations is submitted to Regional office, MoEF&CC, Bhubaneswar; SEIAA, West Bengal;

	monitor data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Environmental Impact Assessment Authority, West Bengal		CPCB zonal office, Kolkata and WBPCB, Kolkata regularly.  Shyamal Kumar Mandal From: Shyamal Kumar Mandal Sent: 26 May 2023 23:13 To: ro.kolkata-mefcc@gov.in Cc: environmentwb@gmail.com; ee1d.wbpcb-wb@bangla.gov.in; mkbiswas.cpcb@nic.in; roez.bsr-mef@nic.in; environmentwb@gov.in; net.wbpcb-wb@bangla.com Subject: Submission of Half Yearly EC Compliance report for the period from Oct'2022 to Mar'2023 of M/s Dankuni Cement Works (A unit of UltraTech Cement Limited) Attachments: DKCW-EC-ECCR-2022-23- H2-Plant.pdf Dear Sir/Madam, With reference to above cited subject, we are hereby submitting point wise Half Yearly EC Compliance report for the period of Oct'2022 to Mar'2023 of M/s Dankuni Cement Works (A unit of UltraTech Cement Limited) located at JL No. 80, Vill & Mouza- Panchghara, PS- Chanditala, Dist- Hooghly, West Bengal based on the conditions stipulated in Environmental Clearance Letter No 2016/EN/T-II-1/021/2017 dated 07.09.2017 issued by SEIAA, West Bengal. Kindly acknowledge the receipt. With Regards For UltraTech Cement Limited Shyamal Kumar Mandal Address: UltraTech Cement Limited Unit: Dankuni Cement Works JL-80, Vill: Panchghara, P.O. Panchghara Bazar P.S- Chanditala, Dist: Hooghly West Bengal-712306, India Mob: 8967415466 Email: shyamal.mondal@adityabirla.com **Pic.No.- 41 Previous EC compliance send copy.**
9	The State Level Environment Impact Assessment Authority, West Bengal reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.		Noted and being carried out.
10	The project proponent should inform the public that the project has been accorded environmental clearance by the SEIAA, West Bengal and copies of the clearance letter are available with the State Pollution Control Board / Committee and may also be seen at Website of the SEIAA, West Bengal (htpp://environmentwb.gov.in). This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are		1.The unit has taken required Environmental clearance from SEIAA, West Bengal and the document has been made available at Website of the SEIAA, West Bengal (htpp://environmentwb.gov.in). 2.The unit has displayed the project proposal in the local new papers in vernacular language as a part of locality concern.

	widely circulated in the region of which one shall be in the vernacular language of the locality concerned.		
11	The project proponent shall upload the status of compliances of stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOX (ambient levels as well as) stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in public domain.		We are regularly uploading status of the compliance of the stipulated environment clearance conditions, including results of monitored data on our website i.e. www.ultratechcement.com in the public domain. All the critical parameters mentioned in consent to operate are being monitored and are displayed at main gate of the company.



Pic No.42 Screen Shot of the Compliance Status of the Stipulated Environment Clearance Conditions including the Monitored Data

Pic.No. 43 Online Display Board at Main Gate

12	The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, West Bengal the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work / project implementation.		Commissioning and Operation of Project- 07.10.2021 Financial Closure and Capitalization- 15.11.2021.
13	The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2016, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.		Noted and agreed.