सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change

Date: **08/09/2023**

ACKNOWLEDGEMENT

This is to acknowledge that M/s. UltraTech Cement Ltd. has provided the information on PARIVESH Portal in respect of Proposed Expansion in Cement production capacity of existing standalone Clinker Grinding Unit from 4.0 to 5.1 Million TPA At: Village Dhutra, PO: Arda, Telsil: Kirmira, Dist.: Jharsuguda (Odisha) by M/s: UltraTech Cement Limited (Unit: Jharsuguda Cement Works) in the format attached herewith under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O.980 (E), dated 02nd March 2021.

To claim exemption from obtaining Prior Environment Clearance under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O 980 (E) dated 02nd March 2021 in respect of any increase in production capacity with or without any change in (i) raw material-mix or (ii) product-mix or (iii) quantities within products or (iv) number of products including new products falling in the same category or (v) configuration of the plant or process or (vi) operations in existing area or (vii) In areas contiguous to the existing area specified in the environmental clearance of the project, the project proponent / SPCB or UTPCC shall follow the following process:

1.The project proponent shall inform the SPCB or UTPCC, as the case may be, in specified format along with: (i) 'No increase in Pollution Load' certificate from the Environmental Auditor or reputed institutions empanelled by the SPCB or UTPCC or CPCB or Ministry;
(ii) last Consent to Operate certificate for the project or activity; and
(iii) online system generated acknowledgement of uploading of intimation and 'no increase in pollution load' certificate on PARIVESH Portal.

2. Based on the submission of above information, the project proponent may carry on the proposed activity as per the submitted details. However, if on verification the SPCB or UTPCC, as the case may be, holds that the change or expansion or modernization will result or has resulted in increase in pollution load, the exemption claimed under this clause shall not be valid and it shall be deemed that the project proponent was liable to obtain Prior Environmental Clearance before under taking such changes or increase, as per the clause (a) of sub-paragraph (ii) of paragraph 7 of EIA Notification, 2006 and the provisions of Environment (Protection) Act, 1986 shall apply accordingly.

Encl: Attached the Information provided by the project proponent

Application for No Increase in Pollution Load - Form-10

Basic Details

1. Whether Project /Activity accorded prior EC?	Yes
1.1. Proposal No.	J-11011/212/2011/IA-II(I)

1.2. Name of Project	Proposed Expansion in Cement production capacity of existing standalone Clinker Grinding Unit from 4.0 to 5.1 Million TPA At: Village Dhutra, PO: Arda, Telsil: Kirmira, Dist.: Jharsuguda (Odisha) by M/s: UltraTech Cement Limited (Unit: Jharsuguda Cement Works)
1.3. Whether the Project Activity attracts the provisions under	7(ii) (b)

1.3.1. Category	B2
1.3.2. Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?	Yes
1.3.3. Whether multiple items (Components) as per the notification involved in the proposal?	No

1.3.3.1. Item No. as per schedule to EIA Notification, 2006 for Major Activity	3(b) Cement plants	Standalone Grinding unit
1.3.3.2. Capacity	4	MTPA

1.3.3.3. Whether Project/Activity falls in 'B2' Category	Yes
1.3.3.4. Whether the instant proposal tantamount to change in Category?	No
2. Whether the project proposed to be located in the Notified industrial area?	No

3. Details of Consent under Air (P&CP) Act, 1981 & Water (P&CP) Act, 1974

Consent No/Application No	Date	Valid Up to	Copy of Consent order
20768/IND-I-CON-1272	07/11/2022	31/03/2027	20768-CTO-New 2022-2027_.pdf Preview

4. Details of Authorization under Hazardous & Other Waste Management Rules, 2016 and subsequent amendment

Authorization No./ Application No	Date	Valid Up to	Copy of Authorization order
IND-IV-HW-290/7615	11/05/2023	31/03/2027	HW authorization-2023-27-JCW-Amended_.pdf Preview

Product Details

1. Details of products & by-products including changes in product mix

List of products/by-products permitted under EC / CTO with CAS Number	Quantity permitted under EC / CTO	Unit	List of products/by-products proposed under clause 7(ii)(b) with CAS Number	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Cement	4000000	TPA	Cement	5100000	TPA	

2. Details of Raw materials including water consumption and fuel consumption including changes in the raw material mix

List of raw materials envisaged under EC / CTO with CAS Number	Quantity permitted under EC/CTO	Unit	List of raw materials proposed under clause 7(ii)(b)	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Clinker	2640000	TPA	Clinker	3060000	TPA	
Fly ash	1200000	TPA	Fly Ash	1785000	TPA	
Gypsum	160000	TPA	Gypsum	225000	TPA	
Slag	0	TPA	Slag	1275000	TPA	

2.1. Approval for additional water consumption if applicable	No

3. Details of Effluent Generation

3.1. Quantity

Propose	Quantity of existing effluent generati on in KLD (as per EC/CTO)	Quantity of effluent generation after the proposed change in product or raw material mix in KLD	Mode of Disposal Ultimate Receiving Body
Domestic	30	30	Treated in STP and treated water is being / will be reused for greenbelt development/plantation.

3.2. Quality

Composition as per the EC/CTO	Concentration as per EC/CTO in (mg/L)	Composition after proposed change in product or raw material mix	Concentration after proposed change in product or raw material mix in (mg/L)	Remarks, if any
Fecal Coliform (Most probable Number per 100 milliliters MPN/100ml)	1000	Fecal Coliform (Most probable Number per 100 milliliters MPN/100ml)	1000	No Change
BOD	30	BOD	30	No Change
TSS	100	TSS	100	No Change
pH	7	pH	7	No Change

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatmen t facility existing (with capacity in KLD)	Total load in respect of Effluent after proposed change in product or raw material mix in KLD	Treatment facility proposed with capacity after proposed change in product or raw material mix in KLD	Remarks if any
50	50	50	0	No Change

3.4. Details of effluent management

3.4.1. Whether Segregation of Concentrated stream and its disposal is proposed?	No
7.4.2. Whether Reduction / Recycle / Reuse of effluent are proposed?	Yes
7.4.2.1. Brief report on details of Reduction / Recycle / Reuse of effluent	ZLD.pdf Preview
7.4.3. Whether any additional Effluent Treatment Facilities Provided?	No
7.4.4. Whether is there any proposal for up-gradation of ETP?	No
7.4.5. Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility?	No
7.4.6. Whether it is Proposed to achieve zero discharge?	Yes
7.4.6.1. Brief report on Proposal to achieve zero discharge with technical justification and feasibility	ZLD.pdf Preview
7.4.7. Whether Project has Membership of CETP?	No

Emission Generation

1. Details of Emission Generation

1.1.

Quantity

(i) From Stacks

Point Source (s)	Height of stack (m)	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
Separator Venting	64.5	4725	Others	10.8	Miligram per Normal cubic	6024.37	Others	13.77	Miligram per Normal cubic

Point Source (s)	Height of stack (m)	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
Line-1					meter (mg/Nm3)				meter (mg/Nm3)
Mill Venting CM-1	42.5	21690.55	Others	11.41	Miligram per Normal cubic meter (mg/Nm3)	27655.45	Others	14.54	Miligram per Normal cubic meter (mg/Nm3)
Separator Venting Line-2	60	51984	Others	12.7	Miligram per Normal cubic meter (mg/Nm3)	66279.6	Others	16.9	Miligram per Normal cubic meter (mg/Nm3)
Mill Venting CM-2	60	23877.38	Others	3.58	Miligram per Normal cubic meter (mg/Nm3)	30443.65	Others	4.56	Miligram per Normal cubic meter (mg/Nm3)

(ii)From Fugitive sources

Fugitive Sources	Height of discharge in m	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
0	0	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)

(iii) From other sources

Other Source(s)	Height of discharge in m	As per EC / CTO			After proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
Packaging & Transporting Lines	0	0		1120	Others	0	Miligram per Normal cubic meter (mg/Nm3)	1428	Others

1.2.

Quality

Stack attached to	Stack Height in Meter	APCM	Parameter	Concentration			
				As per EC / CTO	Unit	After the proposed change in product or raw material mix	Unit
Cement Mill Venting Line-2	60	Bag House	PM	30	Miligram per Normal cubic meter (mg/Nm3)	4.56	Miligram per Normal cubic meter (mg/Nm3)
Cement Mill venting Line-1	36	ESP	PM	30	Miligram per Normal cubic meter (mg/Nm3)	14.54	Miligram per Normal cubic meter (mg/Nm3)
Separator Venting Line-1	64.5	Bag house	PM	30	Miligram per Normal cubic meter (mg/Nm3)	13.77	Miligram per Normal cubic meter (mg/Nm3)
Separator Venting Line-2	60	Bag House	PM	30	Miligram per Normal cubic meter (mg/Nm3)	16.19	Miligram per Normal cubic meter (mg/Nm3)

2.

Total load in respect of Emission

Total load in respect of emission as per the EC / CTO	Unit	APCM existing with capacity	Unit	Total load in respect of emission after proposed change in product or raw material mix	Unit	APCM proposed with capacity after proposed change in product or raw material mix	Unit	Remarks if any
1141	Miligram per Normal cubic meter (mg/Nm3)	1850	Miligram per Normal cubic meter (mg/Nm3)	1454	Miligram per Normal cubic meter (mg/Nm3)	1850	Miligram per Normal cubic meter (mg/Nm3)	The Existing Configuration of the ESP Cement Mill Venting Line 1) is able to handle the predicted load.
1080	Miligram per Normal cubic meter (mg/Nm3)	2120	Miligram per Normal cubic meter (mg/Nm3)	1377	Miligram per Normal cubic meter (mg/Nm3)	2120	Miligram per Normal cubic meter (mg/Nm3)	The Existing Configuration of the Bag House (Separator Venting Line 1) is able to handle the predicted load.
1270	Miligram per Normal cubic meter (mg/Nm3)	2100	Miligram per Normal cubic meter (mg/Nm3)	1619.2	Miligram per Normal cubic meter (mg/Nm3)	2100	Miligram per Normal cubic meter (mg/Nm3)	The Existing Configuration of the Bag House (Separator Venting Line 2) is able to handle the predicted load.
358	Miligram	1850	Miligram	456	Miligram	1850	Miligram	The Existing

Total load in respect of emission as per the EC / CTO	Unit	APCM existing with capacity	Unit	Total load in respect of emission after proposed change in product or raw material mix	Unit	APCM proposed with capacity after proposed change in product or raw material mix	Unit	Remarks if any
	per Normal cubic meter (mg/Nm3)		per Normal cubic meter (mg/Nm3)		per Normal cubic meter (mg/Nm3)		per Normal cubic meter (mg/Nm3)	Configuration of the Bag House (Cement Mill Venting Line 2) is able to handle the predicted load.

3.Details of emission management

3.1. Whether there is any Proposal for switching over to cleaner fuel?	No
3.2. Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program)	No
3.3. Whether there is Proposal for the installation of new APCM? (with time-bound program)	No

1.Hazardous Waste Generation

1.1.

Quantity and type of waste

Type of Waste	Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016)	Generation per Year						
		Existing as per the EC / CTO	Unit	After Change in Product Mix	Unit	Source of Generation	Mode of Storage	Mode of Treatment & Disposal method
Used Oil	5.1	12	Tons per Annum (TPA)	15.3	Tons per Annum (TPA)	Gear Boxes	Steel Drums	Sold to Authorized Recyclers

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	No
1.2.2. Whether Project has Membership of Common Secured Landfill Site?	No
1.2.3. Whether Project has Membership of Common hazardous waste incineration facility	No

2.

No Increase in Pollution Load certificates from the authorized environmental auditor and countersigned by Project Proponent

2.1. Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC	Report Validated by NIT Rourkela
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	NIPL-Final-Scanned Copy-1 (2).pdf Preview

3.

Online Continuous effluent/emission Monitoring System

Quantity

							Date of connection to the servers of	
Attribute	**Constituents**	**Date of installation**	**Details calibration of OCEMS**	**No. of time data exceeds the limit**	**Value Exceeded**	**Status of OCEMS functioning**	**CPCB**	**SPCB**
Emissions	PM	19/05/2015	15.07.2023	0	0	Yes	12/11/2015	12/11/2015
Emissions	PM	19/05/2015	11.07.2023	0	0	Yes	10/11/2015	10/11/2015

1. Additional Information

S. No.	Document Name	Remark	Document

1. Undertaking

☐ I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to the above, I hearby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Dr. K.V. Reddy Reddy
1.2. Designation	Joint President & Corporate Head
1.3. Company	M/s. UltraTech Cement Ltd.
1.4. Address	Ahura Centre, 1st Floor, 'A' Wing , Mahakali Caves Road, Andheri (E), Mumbai-400 093
1.5. Date	08-09-2023