



सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change



Date: 30/08/2023

ACKNOWLEDGEMENT

This is to acknowledge that THE INDIA CEMENTS LIMITED CHENNAI GRINDING UNIT has provided the information on PARIVESH Portal in respect of 'NIPL' Certification for Proposed Modification & Process Optimisation for enhancing Production to 1.30 MTPA Cement (PPC/OPC/PSC/CC) from existing 0.90 MTPA Cement & Imported Cement Packing of 0.50 MTPA (from other ICL Units) in Chennai Cement Grinding Unit at Vallur Village, near Athipattu, Ponneri Taluk, Tiruvallur District, Tamil Nadu by M/s. The India Cements Limited 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.	IA/TN/IND/22240/1910

1.2. Name of Project	Cement Grinding Unit (0.9MTPA) by M/s The India Cements Ltd.		
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	0.9	MTPA	
1.3.3.3. Whether Project/Activity falls in 'B2' 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
2205143951731 (Water) & 2205243951731 (Air)	27/06/2022	31/03/2026	ctos.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
20HRC30368472	15/12/2020	31/03/2025	hw auth.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 Grinding	900000	TPA	0	1300000	TPA	Modification of existing Machineries and optimisation of Process along with increased operational days from 310 days to 345 days
Cement Packing	900000	TPA	0	1800000	TPA	With 1.30 MTPA Cement manufactured in the Unit along with imported Cement (from other Units of ICL) 0.50 MTPA for direct Packing, thus, total Cement Packing will be 1.80 MTPA

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
Slag	0	TPD	Slag	2090	TPD	Maximum Quantity & for increased operational days
Limestone as PI	28	TPD	Limestone as PI	38	TPD	Maximum Quantity & for increased operational days
Raw Water	55	TPD	Raw Water	55	TPD	No additional Water Demand as operational days only increased
Clinker	2040	TPD	Clinker	3610	TPD	Maximum Quantity & for increased operational days
Imported Cement for Packing	0	TPD	Imported Cement for Packing	1450	TPD	From other Units of ICL for direct Packing
Phospho Gypsum	116	TPD	Phospho Gypsum	152	TPD	Maximum Quantity & for increased operational days
Fly Ash	721	TPD	Fly Ash	1178	TPD	Maximum Quantity & for increased operational days
2.1. Approval for additional water consumption if applicable					No	

3. Details of Effluent Generation

3.1. Quantity

Propose	Quantity of existing effluent generation 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
Industrial	0	0	No effluent generation from the Grinding Unit.
Domestic	3.0	3.0	Domestic Sewage of 3 KLD is being treated in a 10 KLD STP (MBBR Technology) Plant and treated sewage is being used for Green Belt.

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
TSS	30	TSS	30	There will be no change to Sewage generation, treatment and disposal.
BOD	20	BOD	20	There will be no change to Sewage generation, treatment and disposal.

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatment 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
0.06	20	0.06	10	BOD Load will be 0.06 kg/day

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?	No
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
Packer Machine-I PM	20	60000	Standard Cubic meter per hour (SCMH)	50	Miligram per Normal cubic meter (mg/Nm3)	60000	Standard Cubic meter per hour (SCMH)	30	Miligram per Normal cubic meter (mg/Nm3)
Cement Mill-PM	45.5	75850	Standard Cubic meter per hour (SCMH)	50	Miligram per Normal cubic meter (mg/Nm3)	75850	Standard Cubic meter per hour (SCMH)	30	Miligram per Normal cubic meter (mg/Nm3)
Packer Machine-II PM	20	60000	Standard Cubic meter per hour (SCMH)	50	Miligram per Normal cubic meter (mg/Nm3)	60000	Standard Cubic meter per hour (SCMH)	30	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
Wagon Tippler (Clinker Unloading Hopper)	15	60000	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic meter (mg/Nm3)	60000	Standard Cubic meter per hour (SCMH)	30	Miligram per Normal cubic meter (mg/Nm3)
Existing	20	510000	Standard	50	Miligram	510000	Standard	30	Miligram

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
Auxillary Bag Filters attached to Silos, Transfer Points, etc. - 18 Nos.			Cubic meter per hour (SCMH)		per Normal cubic meter (mg/Nm3)		Cubic meter per hour (SCMH)		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
Standby DG 320 KVA	7	4000		100	Miligram per Normal cubic meter (mg/Nm3)	4000	Standard Cubic meter per hour (SCMH)	100	Miligram per Normal cubic meter (mg/Nm3)

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	45.5	Bag Filters with Stack	PM	50	Miligram per Normal cubic meter (mg/Nm3)	30	Miligram per Normal cubic meter (mg/Nm3)
Packer Machine-II	20	Bag Filters with Stack	PM	50	Miligram per Normal cubic meter (mg/Nm3)	30	Miligram per Normal cubic meter (mg/Nm3)
Packer Machine-I	20	Bag Filters with Stack	PM	50	Miligram per Normal cubic meter (mg/Nm3)	30	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
91.02	Kg Per Day	75850	Standard Cubic meter per hour (SCMH)	54.612	Kg Per Day	75850	Standard Cubic meter per hour (SCMH)	PM Emission due to Cement Grinding
144	Kg Per Day	120000	Standard Cubic meter per hour (SCMH)	86.4	Kg Per Day	120000	Standard Cubic meter per hour (SCMH)	PM Emission due to Cement Packing

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 Spent Oil	5.1	7.5	Tons per Annum (TPA)	7.5	Tons per Annum (TPA)	Hydraulic Systems	MS Drums inside closed shed	CPCB Authorized recyclers for Recovery & Reuse

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	M/s. ABC Techno Labs India Private Limited, Chennai accredited by QCI/NABET for Sector-9
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	nipl certificate.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	Cement Mill - PM	01/06/2015	01-12-2022	0	0	Yes	15/06/2015	15/06/2016

1.Additional Information

S. No.	Document Name	Remark	Document
1	Pre Covering Letter	PLA Status	cvng ltr.pdf Preview

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 hereby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	SIVASUBRAMANIAN RAMAIAH
1.2. Designation	ASSISTANT VICE PRESIDENT
1.3. Company	THE INDIA CEMENTS LIMITED CHENNAI GRINDING UNIT
1.4. Address	THE INDIA CEMENTS LIMITED CHENNAI GRINDING UNIT VALLUR VILLAGE PONERI TALUK TIRUVALLUR DT
1.5. Date	30-08-2023