



सत्यमेव जयते

**Government of India  
Ministry of Environment, Forest and Climate Change**



Date: 28/12/2024

**ACKNOWLEDGEMENT**

This is to acknowledge that RLJ CEMENT LIMITED has provided the information on PARIVESH Portal in respect of Proposed expansion of Cement production Clinker Grinding unit capacity from 360000 TPA to 504000 TPA without increase in pollution load 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

[CAFForm 10](#)

**Application for No Increase in Pollution Load - Form-10**

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## Basic Details

1.	Whether Project /Activity accorded prior EC?		Yes
1.1.	1694		
1.2.	Proposed expansion of Cement Production Clinker Grinding unit capacity from 360000 TPA to 504000 TPA without increase in pollution load at Plot No. 391, Village: Baragaon, Tehsil: Chunar, District: Mirzapur (U.P.)		
1.3.	7(ii) (b)		
1.3.1.	Category		B1
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	0.36	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
69290/UPPCB/Sonebhadra(UPPCBRO)/CTO/water/Mirzapur/2019	27/12/2019	31/12/2024	annexure-1 cto (air & water).pdf Preview
69279/UPPCB/Sonebhadra(UPPCBRO)/CTO/Air/Mirzapur/2019	27/12/2019	31/12/2024	cto (air & water) - copy.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
NA	27/12/2017	31/12/2024	hwm.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 (clinker grinding only)	360000	TPA	Cement (clinker grinding only)	504000	TPA	Increase in the cement production capacity from 360000 TPA to 504000 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
Fly ash (Dry)	119000	TPA	Fly ash (Dry)	166000	TPA	Raw material process quantity is increased due to increased in production capacity.
Gypsum	16000	TPA	Gypsum	23000	TPA	Raw material process quantity is increased due to increased in production capacity.
Clinker	225000	TPA	Clinker	315000	TPA	Raw material process quantity is increased due to increased in production capacity.

2.1. Approval for additional water consumption if applicable	No
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### 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
Domestic	2.7	2.7	No Change in Waste water generation. Disposed through Septic tank and soak pit.

### 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	329	TSS	329	No change in quality and quantity of domestic waste water. Sewage generation is being disposed through Septic tank and Soak pit.
BOD	309	BOD	309	No change in quality and quantity of domestic waste water. Sewage generation is being disposed through Septic tank and Soak pit.
COD	791	COD	791	No change in quality and quantity of domestic waste water. Sewage generation is being disposed through Septic tank and Soak pit.

### 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	0	0	0	No Industrial effluent is being / will be generated from project. Domestic effluent is being disposed through Septic tank soak pit.

### 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	waste water.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
Stack 35 m attached to Cement Mills	35	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	30	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	26	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	26	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )

##### (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
Fly ash Silo and transport	45	1.016	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1080	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1.016	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1080	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )
Cement Hopper building	30	1.165	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1150	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1.165	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1150	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )
Raw material Handling	25	1.165	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1150	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1.165	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )	1150	Miligram per Normal cubic meter (mg/Nm <sup>3</sup> )

**(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
0	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)

**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 Mills (Process)	35	Bag Filters	PM	64.32	Kg Per Day	60.48	Kg Per Day

**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
64.32	Kg Per Day	80	Kg Per Day	60.48	Kg Per Day	80	Kg Per Day	Pollution load will not be increase with increase in production capacity.

**3.Details of emission management**

<b>3.1.</b> Whether there is any Proposal for switching over to cleaner fuel?	No
<b>3.2.</b> Whether there is any Proposal for the up gradation of	No

existing APCM? (with the time-bound program)	
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	0.5	Kilo liters per Day (KLD)	0.5	Kilo liters per Day (KLD)	used plant and machinery	in Plastic Drums	Recycled

### 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 Auditors
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Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC	
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	ecpl.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	SPM	28/12/2024	0	0	0	Yes	No	No

### 1. Additional Information

S. No.	Document Name	Remark	Document
1	Copy of CTO	Copy of CTO	annexure-1 cto (air & water).pdf Preview
2	Environmental Clearance	Environmental Clearance	annexure-2 copy of ec.pdf Preview
3	NIP Certificate	NIP Certificate	ecpl.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	Arun Kumar Jain
1.2. Designation	Director
1.3. Company	RLJ CEMENT LIMITED
1.4. Address	Plot No.-391, Village- Baragaon, Tehsil- Chunar, Mirzapur, U.P.
1.5. Date	28-12-2024