सत्यमेव जयते

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

Date: **13/10/2023**

ACKNOWLEDGEMENT

This is to acknowledge that THE RAMCO CEMENTS LIMITED has provided the information on PARIVESH Portal in respect of No change in production capacity and No increase in pollution load for the project proposal AMENDMENT IN CONSENT TO ESTABLISHMENT CHANGE IN CONFIGURATION OF CEMENT PLANT FROM 2 X 1.575 MTPA to 1 X3.15 MTPA CLINKER PRODUCTION WITHOUT INCREASE IN PRODUCTION CAPACITY AND POLLUTION LOAD WITHIN THE EC GRANTED CAPACITY in the format attached herewith under the provisions of para 7(ii) c of EIA Notification and its subsequent amendment S.O.980-(E), dated 2nd March 2021.

To claim exemption from obtaining prior Environment Clearance in respect of the provisions mentioned in para 7(ii)c of EIA notification 2006 and its subsequent amendment S.O.980-(E), dated 2nd March 2021, 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 in configuration of plant or activity from environmental conditions will result or has resulted in change of production capacity and / or 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/AP/IND/63579/2017 |
| **1.2.** Name of Project | The Ramco Cements Limited |
| **1.3.** Whether the Project Activity attracts the provisions under | 7(ii) (c) |
| **1.3.1.** Category | A |
| **1.3.2.** Whether project involves change in production capacity and increase in pollution load | No |
| **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 — Integrated Cement plants and Grinding units |
| **1.3.3.2.** Capacity | 3.15 — MTPA |
| **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 |
|---|---|---|---|
| 1631377/APPB/KNL/KNL/CFO&HWA/HO/2022-10/11/2022-599 | 10/11/2022 | 31/12/2025 | Exhibit-8 CFO Cement Plant Renewal - 10.11.2022 1.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 |
|---|---|---|---|
| 1631377/APPB/KNL/KNL/CFO&HWA/HO/2022-10/11/2022-599 | 10/11/2022 | 31/12/2025 | Exhibit-8 CFO Cement Plant Renewal - 10.11.2022 1.pdf Preview |
| 1631377/APPB/KNL/KNL/CFO&HWA/HO/2022-10/11/2022-599 | 10/11/2022 | 31/12/2025 | Exhibit-8 CFO Cement Plant Renewal - 10.11.2022 1.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 |
|---|---|---|---|---|---|---|
| 2X 1.575 MTPA CLINKER, 2.0 MTPA CEMENT and 2 X 25 MW Thermal Power Plant | 9545 | TPD | Clinker : 3.15 MTPA, Cement: 2.0 MTPA, Thermal Power Plant: 2 X 25 MW | 9545 | TPD | TRCL proposed to obtain NOC from APPCB by changing the configuration of the plant in the existing area for which Environmental Clearance was already granted from 2 X 1.575 MTPA clinker to 1 X 3.15 MTPA clinker without increase in pollution load |

### 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 |
|---|---|---|---|---|---|---|
| Coal Mix for Thermal Power Plant | 420000 | TPA | Coal Mix for Thermal Power Plant | 420000 | TPA | No change |
| Flyash | 300000 | TPA | Flyash | 300000 | TPA | No change |
| Pet Coke | 300000 | TPA | Pet Coke | 300000 | TPA | No change |
| Gypsum | 80000 | TPA | Gypsum | 80000 | TPA | No change |
| Indian Coal | 470000 | TPA | Indian Coal | 470000 | TPA | No Change |
| Slag | 500000 | TPA | Slag | 500000 | TPA | No Change |
| Imported Coal | 380000 | TPA | Imported Coal | 380000 | TPA | No Change |
| Laterite | 270000 | TPA | Laterite | 270000 | TPA | No Change in Laterite requirement |
| Limestone | 4500000 | TPA | Limestone | 4500000 | TPA | No change |

| | |
|---|---|
| **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 |
|---|---|---|---|
| Industrial | 224 | 224 | Treated waste water from the Boiler blow down & DM Plant, Cooling Bleed off will be used for Greenbelt Development |
| Domestic | 200 | 200 | Treated waste water will be used for Greenbelt development |

### 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 |
|---|---|---|---|---|
| 6 | 30 | 6 | 6 | BOD treated in sewage treatment plant |
| suspended solids | 200 | 200 | 200 | |
| Oil & grease | 10 | 10 | 10 | |

### 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 |
|---|---|---|---|---|
| 84.8 | 200 | 84.8 | 424 | Suspended Solids |
| 6 | 30 | 6 | 6 | BOD |

### 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? | No |
| **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 |
| Raw Mill/Kiln | 152.2 | 724.896 | Kg Per Day | 506.604 | Kg Per Day | 724.896 | Kg Per Day | 506.604 | Kg Per Day |
| Crusher | 16.7 | 38.88 | Kg Per Day | 26.784 | Kg Per Day | 38.88 | Kg Per Day | 26.784 | Kg Per Day |
| Cement Mill | 70 | 224.64 | Kg Per Day | 127.008 | Kg Per Day | 224.64 | Kg Per Day | 127.008 | Kg Per Day |
| Coal Mill | 64.85 | 157.248 | Kg Per Day | 84.672 | Kg Per Day | 157.248 | Kg Per Day | 84.672 | Kg Per Day |
| Cooler | 61.3 | 285.984 | Kg Per Day | 246.24 | Kg Per Day | 285.984 | Kg Per Day | 246.24 | Kg Per Day |

### (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 |
| Coal Pulvarised | 2 | 0.01 | g/s | 0.01 | g/s | 0.01 | g/s | 0.01 | g/s |
| Cement silo | 2 | 0.12 | g/s | 0.12 | g/s | 0.12 | g/s | 0.12 | g/s |
| Flyash Silo | 2 | 0.015 | g/s | 0.015 | g/s | 0.015 | g/s | 0.015 | g/s |
| Near Additives | 2 | 0.01 | g/s | 0.01 | g/s | 0.01 | g/s | 0.01 | g/s |
| Closed Clinker stockpile | 3 | 0.13 | g/s | 0.13 | g/s | 0.13 | g/s | 0.13 | g/s |

**(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 |
| Nil | 0 | 0 | | 0 | g/s | 0 | g/s | 0 | g/s |

**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 | 70 | Bag Filter | Particulate Matter | 224.64 | Kg Per Day | 127.008 | Kg Per Day |
| Coal Mill | 64.8 | Bag Filter | Particulate Matter | 157.248 | Kg Per Day | 84.672 | Kg Per Day |
| Cooler | 61.3 | Electro static Precipitator (ESP) | Particulate Matter | 285.984 | Kg Per Day | 246.24 | Kg Per Day |
| Raw Mill/Kiln | 152.2 | Bag Filter | Particulate Matter | 726.896 | Kg Per Day | 506.304 | Kg Per Day |
| Crusher | 16.7 | Bag Filter | Particulate Matter | 38.88 | Kg Per Day | 26.784 | 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 |
|---|---|---|---|---|---|---|---|---|
| 1431.648 | Kg Per Day | 30 | Miligram per Normal cubic meter (mg/Nm3) | 991.008 | Kg Per Day | 30 | Miligram per Normal cubic meter (mg/Nm3) | There is no increased in Pollution Load |

**3.Details of emission management**

| | |
|---|---|
| **3.1.**<br>Whether there is any Proposal for switching over to cleaner fuel? | No |
| **3.2.**<br>Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program) | No |
| **3.3.**<br>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 |
| Waste Oil/Lubricant Oil | 5.1 of Schedule I | 4 | Tons per Annum (TPA) | 4 | Tons per Annum (TPA) | Cement Plant-Gear Boxes, Machinery | Closed Barrels, Isolated area within plant | Disposed to Authorized Recyclers |
| Waste Oil/Lubricant Oil | 5.2 of Schedule I | 2 | Tons per Annum (TPA) | 2 | Tons per Annum (TPA) | Cement Plant-Gear Boxes, Machinery | Closed Barrels, Isolated area within plant | Disposed to Authorised Recyclers |
| STP Sludge | 35.3 of Schedule I | 50 | Kg Per Day | 50 | Kg Per Day | STP | STP area in closed shed | Use for greenbelt as manure |

### 1.2.

### Details of Waste management

| | |
|---|---|
| **1.2.1.**<br>Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed? | No |

| | |
|---|---|
| **1.2.2.**<br>Whether Project has Membership of Common Secured Landfill Site? | No |
| **1.2.3.**<br>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.**<br>Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC | Authorized Environmental Auditors |
| **2.2.**<br>Upload the Certificate of 'No Increase in Pollution' Load. | No incresae in pollution load Certificate Signed.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-- Coal Mill | 22/06/2022 | The instrument was recently calibrated on 25.04.2023 | 0 | 0 | Yes | 27/10/2022 | 12/09/2022 |
| Emissions | PM for Raw Mill /Kiln | 22/06/2022 | The instrument was recently calibrated on 25.04.2023 | 0 | 0 | Yes | 27/10/2022 | 12/09/2022 |
| Emissions | PM-- Cooler | 22/06/2022 | The instrument was recently calibrated on 25.04.2023 | 0 | 0 | Yes | 27/10/2022 | 12/09/2022 |
| Emissions | PM- Cement Mill | 22/06/2022 | The instrument was recently calibrated on 25.04.2023 | 0 | 0 | Yes | 27/10/2022 | 12/09/2022 |
| Emissions | SO2 & NO2- Raw Mill/Kiln | 02/02/2022 | The Instrument was recently | 0 | 0 | Yes | 27/10/2022 | 12/09/2022 |

| | | | | | | | 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** |
| | | | calibrated on 20.07.2023 | | | | | |

## 1.Additional Information

| S. No. | Document Name | Remark | Document |
|---|---|---|---|
| 1 | CFO Cement Plant | CFO Cement Plant | Exhibit-7 CFO Cement Plant Renewal - 10.11.2022.pdf Preview |
| 2 | Brief Note - NIPL | Environmental Management Plan for Change in Configuration of Cement Plant from 2x 1.575 MTPA to 1 x3.15 MTPA Clinker Production Without increase in Production Capacity and Pollution Load Within the EC Granted Capacity | NIPL Briefnote - TRCL.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 hearby give undertaking that no activity/construction/expansion has been taken up

| | |
|---|---|
| **1.1.** Name | M Srinivasan |
| **1.2.** Designation | President |
| **1.3.** Company | THE RAMCO CEMENTS LIMITED |
| **1.4.** Address | The Ramco Cements Limited 5th Floor Auras Corporate Centre 98A Dr Radhakrishnan Road Mylapore Chennai 60004 |
| **1.5.** Date | 13-10-2023 |