



THE RAMCO CEMENTS LIMITED

(formerly known as Madras Cements Ltd)

Kalvatata Project,
Kolimigundla Mandal & PO
Kurnool District – Pin: 518 123
Andhra Pradesh.
Phone No: 08510 - 244488

RCL/MoEF&CC/44/2019-20

20th November 2019

The Addl. Principal Chief Conservator of Forests,
Ministry of Environment and Forests,
Regional Office (Southern Zone),
No. 34, Cathedral Garden Road,
Nungambakkam, CHENNAI – 600 034.

Respected Sir,

Sub: Submission of half yearly Compliance Report for Environmental Clearances for the period – April 2019 to September 2019 - Reg.

Ref: 1. EC for Cement Plant - 3.15 Million TPA Clinker, 2.0 Million TPA Cement & Thermal Power Plant – 2*25 MW vide Lr. J-11011/135/2017-IA-II (I) dated 14.01.2019.
2. EC amendment order for change of location vide Lr. No. J-11011/135/2017-IA-II (I) dated 27.05.2019.

We herewith submit the half yearly Compliance Reports for the above cited Environmental Clearance letters issued for our Cement Plant & Thermal Power Plant for the period April 2019 to September 2019.

This is to submit that the undersigned is the person in-charge of environmental division.

Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to ecompliance-ap@gov.in. This is for your kind information and perusal please.

Thanking you,

Yours faithfully,
for The Ramco Cements Limited,

(Reddy Nagaraju)

Sr. Vice President (Projects)

Phone No. 08510 – 244488,

e-mail: reddynagaraju@ramcocements.co.in.

Encl.: As above.

**THE RAMCO CEMENTS LIMITED, KALVATALA
COMPLIANCE REPORT - ENVIRONMENTAL CLEARANCE
CEMENT PLANT – 3.15 MILLION TPA CLINKER, 2.0 MILLION TPA CEMENT &
THERMAL POWER PLANT – 2*25 MW**

EC Lr. No. : J-11011/135/2017-IA-II (I) dated 14th January, 2019
Period : April 2019 to September 2019

A. Specific Conditions:

- i. The water requirement of the plant will be met from rain water harvesting reservoir and the stored rain water from the mine pits. No ground water would be extracted nor the permission will be taken for the same during the operation of the plant.*

Complied. Permission obtained from Office of the Chief Engineer & DWRO, Water Resources Department, Kurnool to draw water from Owk reservoir vide Memo.No.WRD-TW0IWS(MIS)/6/2017DEE1/AEE7/ dated 08.02.2019 at the rate of 2500 kLD, at the time of operation of the plant.

- ii. Plantation will be developed on either side of the approach road leading to Belam caves from the proposed plant.*

R&B officials informed that this road is going to widen in the near future. The officials requested us to hold this proposal temporarily for 1 year.

- iii. Overhead conveyor belt across the State Highway shall be considered to transport the material from mine pit head to plant or else an alternate route shall be constructed without disturbing the State Highway in the vicinity of the plant due to the traffic load.*

NOC obtained from Roads and Buildings Department, Government of Andhra Pradesh for overhead conveyor belt on SH-317.

B. General Conditions:

I. Statutory compliance:

- i. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.*

Consent for Establishment obtained from AP Pollution Control Board vide Lr No. 289/APPCB/CFE/RO-KNL/HO/2019 dated 12.05.2019.

An amendment is obtained for this present EC order vide Lr. No. J-11011/135/2017-IA.II(I) dated 27.05.2019 for new location. In this regard, CFE amendment request is submitted online on 30.10.2019. CFE amendment order is awaited.

- ii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.*

Will be obtained at the time of commissioning of the plant.

II. Air quality monitoring and preservation:

- i. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NOx in reference to SO₂ and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120^o each), covering upwind and downwind directions (case to case basis small plants: Manual).*

Will be complied. Continuous Ambient Air Quality monitoring for common / criterion parameters viz., PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NOx in reference to SO₂ and NOx emissions at four locations will be installed at the time of commissioning of the plant.

III. Water quality monitoring and preservation:

- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories..*

Will be complied. The ground water quality monitoring will be initiated at the time of commissioning of the plant.

- ii. Adhere to 'Zero Liquid Discharge'.*

Will be complied.

- iii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.*

Will be complied. Sewage treatment plant will be constructed to treat the domestic wastewater from the proposed colony and plant, at the time of commissioning of the plant.

- iv. The project proponent shall practice rainwater harvesting to maximum possible extent.*

Will be complied.

IV. Noise monitoring and prevention:

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.*

The noise level survey will be initiated at the time of commissioning of the plant.

- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz., 75 dB(A) during day time and 70 dB(A) during night time.*

Will be adhered to.

V. Energy Conservation measures:

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.*

Will be complied. Planning to install solar lighting system for all common areas, street lights, parking around project area.

- ii. Provide LED lights in their offices and residential areas.*

Will be complied. Planning to install LED lights in the offices.

VI. Waste management:

- i. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.*

Will be complied. The waste oil, grease and other hazardous waste will be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

- ii. Kitchen waste shall be composted or converted to biogas for further use (to be decided on case to case basis depending on type and size of plant) Permission for the drawl of ground water / mine pit water shall be obtained.*

Will be complied.

- Bio-gas plant will be installed to compost colony kitchen waste.
- Permission to draw ground water for construction purpose is obtained vide Lr. No. 2034/Hg-II/2018 dated 25.07.2018 for 652.56 kLD from 7 Nos. of bore wells.

VII. Public hearing and Human health issues:

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.*

Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is submitted along with Final EIA report. The same will be implemented, at the time of requirement.

- ii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.*

Occupational health check-ups are being carried out for our employees at the time of joining and health surveillance will be carried out on regular basis, as per the requirement. Records are being maintained as per Factories Act.

VIII. Corporate Environment Responsibility:

- i. *The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility..*

Rs. 15.53 crore is budgeted with respect to Corporate Environment Responsibility activities as per Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018 (for the proposed capital investment of Rs. 1500 crore). Requests are being taken from local villages and government agencies for various developmental activities and sanctioning is under progress for some of the projects.

- ii. *The company have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviations / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements // deviations / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stock holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.*

Environmental Policy is submitted along with Final EIA report. The same will be implemented accordingly.

- iii. *A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.*

A separate Environment Cells with qualified personnel are established at project area and at the Corporate level. The Environmental Engineer at project area is directly reporting to the Head of the Project.

- iv. *Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.*

Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company will be prepared and will be duly approved by the competent authority.

The year wise funds earmarked for environmental protection measures will be kept in separate account and will not to be diverted for any other purpose. Year wise progress of implementation of action plan will be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report, after commissioning of the plant.

- v. *Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.*

Self-environmental audit will be conducted annually, after commissioning of the plant. Every three years third party environmental audit will be carried out.

- vi. *All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for Mineral Beneficiation plants shall be implemented.*

The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for Mineral Beneficiation plants are not applicable to us. However, the CREP recommendations for cement plant will be implemented, accordingly.

IX. Miscellaneous:

- i. *The Project Proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition to this shall also be displayed in the project proponent's website permanently.*

Complied.

- This EC order is obtained on 29.01.2019. The same is published in 2 Nos. of local newspapers on 30.01.2019 [The Hans India (English) & Andhra Jyothi (Telugu)] and copy of the same is submitted to Ministry vide Lr. No. RCL/MoEF&CC/43/2018-19 dated 30.01.2019.
- Copies of this EC order along with EC amendment order are displayed in our company's website.

- ii. *The copies of environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.*

Complied. We communicated the issue of EC order to the local gram panchayats for display of the same for 30 days.

- For Village Secretary, Kalvatata (V) vide our Lr. No. RCL/KP/44/2018-19 dated 30.01.2019.
- For Village Secretary, Kolimigundla (V) vide our Lr. No. RCL/KP/45/2018-19 dated 30.01.2019.

- iii. *The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.*

This half-yearly compliance report will be uploaded to the company's website and the same will be updated on half-yearly basis.

- iv. *The project proponent shall monitor the criteria pollutants level namely, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicted for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.*

Will be complied. After commissioning of the plant, will monitor the criteria pollutants level namely, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) and will display the same at main gate for disclosure to the public.

- v. *The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.*

This is being submitted as part of this condition. Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report will be mailed to mail-id: eccompliance-ap@gov.in.

- vi. *The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.*

Will be complied. Will submit the environmental statement for each financial year in Form-V, after commissioning of the plant.

- vii. *The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.*

Date of financial closure is not applicable to us as total funding is from our own funds. This is to submit that land development activities are initiated after obtaining the CFE order. Start of production operation of the project will be informed to Ministry accordingly.

- viii. *The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.*

The conditions mentioned in the CFE order are being implemented.

- ix. *No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).*

With respect to the change of location of the project, EC amendment is obtained vide Lr. No. J-11011/135/2017-IA-II (I) dated 27.05.2019. Prior approval will be obtained, in case of any expansion proposal.

- x. *Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.*

Noted.

xi. The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.

Noted.

xii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

Noted. Will extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

**THE RAMCO CEMENTS LIMITED, KALVATALA
COMPLIANCE REPORT – AMENDMENT TO ENVIRONMENTAL CLEARANCE
CEMENT PLANT – 3.15 MILLION TPA CLINKER, 2.0 MILLION TPA CEMENT &
THERMAL POWER PLANT – 2*25 MW**

EC Lr. No. : J-11011/135/2017-IA-II (I) dated 27th May, 2019
Period : Up to September 2019

Additional Conditions:

i. Limestone shall be transported through closed conveyor only.

It is proposed to convey the limestone from crusher located near Chintalayapalle limestone mine through tippers initially and will be conveyed through belt conveyor later.

ii. Dual carriage approach road to the plant site shall be constructed and the implementation status shall be submitted to the Regional Office of the Ministry along with the six monthly compliance report.

Dual carriage approach road to the plant site will be constructed.

iii. PP shall develop green barrier with native and broad leaved tree species between the plant and proposed colony and along the nallah.

Being complied. Greenbelt developed in an area of 3.24 ha in plant area by September 2019.