



**THE RAMCO CEMENTS LIMITED**

Cement Grinding Unit  
Gobburu & Gobburupalem Village, A.S.Peta Post  
Yellamanchili (Via), Kasimkota Mandal,  
Visakhapatnam District, Andhra Pradesh Pin: 531055  
Ph : 07093990334  
Website : [www.ramcocements.in](http://www.ramcocements.in)  
Corporate Identity Number : L28941TN1957PLC003666

VGP/SEIAA/21/2019-20

30<sup>th</sup> November, 2019

The Additional Principal Chief Conservator of Forests,  
The 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 Reports for Environmental Clearance for the period April 2019 to September 2019 - Reg.

Ref: 1. Environmental Clearance for 0.95 Million TPA - Lr. No. SEIAA/AP/VSP-86/2013-661 dated 03.05.2013.

2. Environmental Clearance from 0.95 to 2.0 Million TPA - Lr. No. SEIAA/AP/IND/02/2018/513-1695 dated 24.01.2019.

We herewith submit the half yearly Compliance Reports for the above cited Environmental Clearance letters issued for our Cement Grinding Unit for the period April 2019 to September 2019 along with relevant enclosures.

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

This is for your kind information and perusal please.

Thanking you,

Yours faithfully,  
For The Ramco Cements Limited,

N R Ramanathan  
Vice President -Mfg.  
Phone: 9445009499  
E-mail: [nrr@ramcocements.co.in](mailto:nrr@ramcocements.co.in)

Encl.: As above.

CC to

State Level Environment Impact Assessment Authority (SEIAA),  
AP Pollution Control Board,  
Head Office, D No. 33-26-14D/2,  
Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamavari Street, Kasturibaipet, Vijayawada.

Registered Office : 'Ramamandiram', Rajapalayam - 626 117. Tamil Nadu.

Corporate Office : Auras Corporate Centre, V Floor, 98-A, Dr. Radhakrishnan Salai, Mylapore, Chennai - 600 004.

**THE RAMCO CEMENTS LIMITED, VIZAG GRINDING UNIT  
ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT -  
0.95 MILLION TPA CEMENT**

EC Order No. : SEIAA/AP/VSP- 86/2013, dated 03.05.2013

Period : April 2019 to September 2019

**A. SPECIFIC CONDITIONS:**

**a) Air Pollution:**

- i. *Separate stacks each of height 60 m & 45 m shall be provided to Cement Mill & Packing Dept., respectively. The particulate emissions from the plant shall not exceed 50 mg/Nm<sup>3</sup> at any time. Bag filters shall be provided to control emissions. The DG sets shall be provided with a stack of height 46 m, as committed in the presentation.*

Complied.

- Stacks of 60 m and 45 m are provided for Cement Mill & Packing Plant as proposed. 46 m height stack is attached to DG sets.
- Total 33 Nos. of air pollution control systems to control the fugitive dust emissions at various transfer points, raw material handling, bagging, packing, parking areas, etc.
- Bag filters are provided to control fugitive emissions at all material transfer points.
- All the air pollution control equipment are designed for latest particular emission standard of 30 mg/Nm<sup>3</sup>.

- ii. *Sampling Port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions.*

Sampling ports provided accordingly.

- iii. *Online ambient air quality monitoring stations shall be installed. Energy meters shall be installed for all pollution control systems.*

Complied. 2 Nos. of Online Ambient Air Quality monitoring stations have installed near main gate & near railway siding in consultation with APPCB.

- iv. *Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and to the Ministry's Regional Office at Bangalore half yearly.*

Complied.

- 2 Nos. of CAAQM stations installed near main gate & near railway siding in consultation with APPCB and regular manual monitoring is also being done through an approved external agency.
- In addition to this, 2 Nos. of online real time Continuous Stack Emission Monitors installed at cement mill & main bag house.
- Online monitoring data (stack & ambient air quality) is being transmitted to APPCB & CPCB websites regularly.
- Ambient air quality and stack emission level monitoring data are regularly submitted every month to APPCB.
- Half-yearly compliance reports are being submitted to APPCB and to the Regional Office of Ministry located at Chennai on regular basis (up to the period October 2018 to March 2019). Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to [eccompliance-ap@gov.in](mailto:eccompliance-ap@gov.in).
- Ambient noise levels are being monitored at 6 locations on quarterly basis and the noise levels are within the prescribed limits as per the reports.

- Compiled data of monitoring data for the period April 2019 to September 2019 is enclosed as Annexure – I.
- v. *Raw materials and products shall be transported in covered trucks. Storage of raw material shall be in roof sheds. Water spray system shall be provided all around the stockpiles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with GI sheets. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions.*

Complied.

- Raw materials and products are being transported through covered trucks / closed wagons.
- Clinker and Fly Ash are being stored in silos.
- Gypsum and Slag are being stored in covered sheds.
- Water spraying is carrying out all around the stockpiles and dust suppression system around the conveyor system.
- All the conveyor belts are covered with GI sheets.
- All major internal roads are asphalted / concreted and water spraying is done to reduce the fugitive dust emissions.
- vi. *In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage / raw materials handlings etc., shall be provided. Further, specific measures like provision of adequate dust suppression & extraction system consisting of water sprinkling, suction hoods, fans and bag filters etc., shall be installed at material transfer points, and other raw material handling areas. Fugitive emissions shall be regularly monitored and records maintained.*

Complied.

- Bag filters are installed at all material transfer points and other raw material handling areas.
- Specific measures like provision of adequate dust suppression & extraction system, suction hoods, fans and bag filters etc., are installed at material transfer points and other raw material handling areas.
- Total 33 Nos. of air pollution control systems to control the fugitive dust emissions.
- vii. *Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials is stopped automatically.*

Complied. Interlocking facilities are provided to the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials gets stopped automatically, in phased manner.

- viii. *The project proponent shall develop a thick greenbelt of width 10 m along the boundary & at vacant places in the plant, with appropriate species to suppress any dust emissions in consultation with the local DFO. The area of the greenbelt shall not be less than 15.58 Ha.*

Complied. 17,206 Nos. of plants planted as on September 2019, covering all the open places inside plant covering an area of 15 ha.

**b) Water Pollution:**

- i. *The source of water is Bore well. The total water requirement shall not exceed 100 kLD. Out of that 60 kLD is utilized for equipment cooling; 5.0 kLD for Dust suppression; 20 kLD for development of greenbelt and 15 kLD is utilized for domestic purpose.*

*No effluent shall be discharged outside the factory premises and 'zero' discharge shall be adopted. Waste water generated from Domestic section of shall be sent to Septic tank followed by dispersion trench.*

Complied. The source of water is bore wells. As conservative measure, the total water requirement is 96 kLD, with the following composition:

- Equipment cooling, dust suppression and greenbelt – 81 kLD
- Domestic - 15 kLD

As cement manufacturing is dry process, 'zero' discharge is being adhered to. Domestic sewage is being treated in Septic tank followed by dispersion trench.

*ii. The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water.*

Complied. 12 Nos. of rain water harvesting pits are constructed by the end of September 2019.

**c) Solid Waste:**

*i. Dust generated from the Bag filters shall be completely recycled. Waste oils & used oils generated from the plant shall be dispersed as per the Hazardous Waste (Management and Handling) transboundary rules and its amendments thereof to the recyclers authorized by APPCB.*

Complied.

- Dust generated from the bag filters is being completely recycled into the respective system.
- No hazardous waste generation in the plant, recently. The same will be followed at the time of generation of hazardous wastes.

**B. General Conditions:**

*i. This order is valid for a period of 5 years.*

Complied. Obtained Consent for Operation (CFO) and its renewal from Andhra Pradesh Pollution Control Board vide their letter No. APPCB/VSP/VSP/312/CFO/HO/2016- dated 24.02.2016 valid up to 28.02.2021.

*ii. 'Consent for Establishment' shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity / construction work at site.*

Complied. Andhra Pradesh Pollution Control Board accorded Consent for Establishment for 0.95 Million TPA proposal vide letter No. 312/PCB/CFE/RO-VSP/HO/2013-2213 dated 08.07.2013.

Andhra Pradesh Pollution Control Board also accorded Consent for Establishment for our expansion proposal (from 0.95 to 2.0 Million TPA) vide letter No. 312/APPCB/CFE/RO-VSP/HO/2013-2213 dated 27.03.2019.

*iii. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.*

Complied. Provision was made for the housing of the construction labor with all necessary amenities. Presently, it is again made for the expansion proposal.

*iv. No change in the process technology and scope of working should be made without prior approval of the SEIAA, AP. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, AP / MoE&F, Gol, New Delhi, as applicable.*

Complied. No change in the process technology. SEIAA, AP accorded EC for our expansion proposal (from 0.95 to 2.0 Million TPA, with no change in process technology) vide letter No. SEIAA/AP/IND/02/2018/513-1695 dated 24.01.2019.

- v. *The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional Office of MoE&F, Gol, Bangalore on 1st June and 1st December of each calendar year.*

Complied. Half-yearly compliance reports are being submitted to APPCB and to the Regional Office of Ministry located at Chennai on regular basis (up to the period October 2018 to March 2019). Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to [eccompliance-ap@gov.in](mailto:eccompliance-ap@gov.in).

- vi. *Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documentation / data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoE&F, Bangalore.*

Noted. Necessary co-operation will be extended to the Officials from the Regional Office of MoEF&CC, Chennai who would be monitoring the implementation of environmental safeguards. All necessary documents will be submitted to the APCCF, MoEF&CC, Chennai Regional Office upon request.

- vii. *Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring. Locations of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.*

Complied.

- Ambient air quality monitoring is being carried out accordingly.
- 4 Nos. of ambient air quality monitoring stations are established based on the meteorological data.
- Monitoring is being undertaken in consultation with the State Pollution Control Board by portable monitoring equipment by MoEF&CC approved external agency.

- viii. *Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.*

Complied. Ambient air quality monitoring is being carried out by portable monitoring equipment by MoEF&CC approved external agency. Compiled data for the period April 2019 to September 2019 is enclosed as Annexure – I.

- ix. *Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*

Complied. Personal protective respiratory devices are being issued to the personnel working in dusty areas are being ensured to wear. Adequate training and information on safety and health aspects is being imparted to them.

- x. *Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.*

Complied. Initial occupational health status is carried out for all employees at the time of recruitment and occupational health surveillance programme of the workers is being undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

*xi. A separate environmental management cell with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.*

Complied. A separate environmental management cell with suitable qualified personnel is set up under the control of a Sr. Manager (P&QC), who is reporting directly to the Head of the Organization (Vice President – Mfg.).

*xii. The funds earmarked for environmental protection measures (Capital cost of Rs. 4.5 crores & Recurring cost of Rs. 5.0 lakhs / annum); & CSR activities (Rs. 20.0 lakhs), as committed in presentation should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.*

Complied.

- The funds earmarked for environmental protection measures (capital cost of Rs. 4.5 crores & recurring cost of Rs. 5.0 lakhs / annum); & CSR activities (Rs. 20.0 lakhs), are kept in separate account and are not get diverted for other purpose.
- Records of recurring & capital expenditure are being maintained.
- Annual expenditure details on various socio-economic activities carried out in the nearby vicinity of the plant are being submitted on regular basis along with half yearly compliance reports.
- CSR expenditure made in the financial year 2019-20 to the surrounding villages is around Rs. 24.004 lakh.
- Some of CER / CSR activities carried out in the financial year 2019-20 are:
  - Contribution for construction of compound wall, painting, grills & gate of Kanurupalem temple.
  - Contribution for electrical items (tube lights - 20 Nos. & Fans -20 Nos.) to schools located at Kasimkota Mandal.
  - Donation of 500 Cement bags for construction Police Officer Welfare Guest House.
  - Contribution for construction of Mandapam at Paradesamma Temple in Gobburu village.
  - Donation of 20 Nos. of Traffic stoppers to Kasimkota police station.
  - Donation of 1 No. of ambulance to The District Collector & Magistrate, Visakhapatnam.
  - Provided JCB to AS Peta High School for leveling of their playground.

*xiii. The project proponent shall submit the copies of the environmental clearance 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 with.

*xiv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, AP. This order shall be displayed in the website of the project proponent.*

Complied. The same is communicated to SEIAA, AP vide letter No. MCL/PCB/658/2013 dated 11<sup>th</sup> May 2013.

*xv. The SEIAA or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of environment protection.*

Noted.

xvi. *The company shall undertake eco-development measures including community welfare measures in the project area.*

Eco-development measures including community welfare measures are being done in and around the project area.

xvii. *The proponent shall obtain all other mandatory clearances from respective departments.*

All other necessary mandatory clearances from respective departments are obtained.

xviii. *Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.*

Noted.

xix. *Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.*

Noted.

xx. *Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.*

Noted.

xxi. *The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter / modify the above conditions or stipulate any further condition in the interest of environment protection.*

Noted.

xxii. *The above conditions will be enforced inter-alia, under the provisions of the Water (Protection & Control of Pollution) Act, 1974, the Air (Protection & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Public Liability Insurance Act, 1991 along with their amendments and rules.*

Noted.

**THE RAMCO CEMENTS LIMITED, VIZAG GRINDING UNIT  
ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT -  
0.95 TO 2.0 MILLION TPA CEMENT**

EC Order No. : SEIAA/AP/IND/02/2018/5131695, dated 24.01.2019

Period : April 2019 to September 2019

**A. SPECIAL CONDITIONS:**

i. The transportation of raw material and finished product through railways / water ways shall be more than 90% of the traffic.

Noted and will be complied accordingly.

ii. The project proponent shall submit the certified EC compliance of the existing Plant from the MoEF&CC, Regional Office, Chennai

Complied. Submitted the same vide letter No. RCL/Vizag GU Expn/EC/38/2018-19 dated 2nd January 2019.

**B. SPECIFIC CONDITIONS:**

**a. Air Pollution:**

i. The industry shall provide air pollution control equipment to control stack and fugitive emissions to meet the standards notified by MOEF / CPCB / APPCB.

Complied. Air pollution control equipments are provided at all process equipment and at all material transfer points. Air pollution control equipment will be provided at all process stacks as well as at all fugitive emission sources, for this expansion proposal.

ii. The industry shall arrange for acoustic barriers and locate roll mills and ball mills within those barriers.

The same will be arranged at the time of erection.

iii. All the internal roads shall be paved CC or bitumen roads, adequate closed silos for storage of fly ash and clinker and covered shed for storage of gypsum shall be provided.

Complied.

- Around 5.6 km of internal roads are paved CC with bitumen top, till date.
- Adequate closed silos are designed to store fly ash and clinker and covered sheds for storage of gypsum.

iv. The industry shall provide bag filters for cement grinding unit to meet SPM requirement of 30 mg/Nm<sup>3</sup> and at all transfer points.

All bag filters to control process emissions and fugitive emissions are designed for 30 mg/Nm<sup>3</sup>, for this expansion proposal.

v. The industry shall procure suitable road sweeping machine to maintain good housekeeping.

Complied. Road sweeping machine is being operated for maintain good housekeeping.

vi. The industry shall install online continuous ambient air quality monitoring station.



Complied. 2 Nos. of online continuous ambient air quality monitoring stations are installed and data is being transmitted to APPCB & CPCB websites.

vii. The industry shall install continuous stack monitoring for the cement mill grinding unit.

Complied. 2 Nos. of continuous stack monitoring equipment are installed and data is being transmitted to APPCB & CPCB websites. 2 Nos. of continuous stack monitoring equipment are proposed to install for this expansion proposal.

viii. Sampling Port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions.

Placed for the existing stacks and will be erected for the present proposal stacks.

ix. Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and to the Ministry's Regional Office at Chennai half yearly.

Is being followed.

- Monitoring of ambient air quality and stack emissions is being carried out regularly in consultation with APPCB and reports are being submitted to the Board.
- Compiled data of monitoring data for the period April 2019 to September 2019 is enclosed as Annexure – I.
- Half-yearly compliance reports are being submitted to APPCB and to the Regional Office of Ministry located at Chennai on regular basis (up to the period October 2018 to March 2019). Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to [ecompliance-ap@gov.in](mailto:ecompliance-ap@gov.in).

x. Raw materials and products shall be transported in covered trucks. Storage of raw material shall be in roof sheds. Water spray system shall be provided all around the stockpiles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with GI sheets. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions.

Complied.

- Raw materials and products are being transported in covered wagons / covered trucks and will be continued for this expansion proposal also.
- Storage of raw materials is being done in silos / roof sheds and will be continued for this expansion proposal also.
- Water spray is being done by mobile tanker.
- All the conveyor belts are covered with GI sheets and will be followed for the present proposal.
- Around 5.6 km of internal roads are paved CC with bitumen top, till date and water is being sprayed to reduce the fugitive dust emissions.

xi. In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage / raw materials handlings etc., shall be provided. Further, specific measures like provision of adequate dust suppression & extraction system consisting of water sprinkling, suction hoods, fans and bag filters etc., shall be installed at material transfer points, and other raw material handling areas. Fugitive emissions shall be regularly monitored and records maintained.

Complied.

- In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage / raw materials handlings etc., are being provided.

- Further, specific measures like provision of adequate extraction system consisting of suction hoods, fans and bag filters etc., are installed at material transfer points & other raw material handling areas and will be installed for this expansion proposal.

xii. Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials is stopped automatically.

Complied.

- Interlocking facility is provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials will get stopped automatically, in phased manner.
- The same will be installed for this expansion proposal.

b. Water Pollution:

i. The source of water is Bore well. The total additional water requirement for expansion is 34 KLD. Out of that water for equipment cooling is 30 KLD, and domestic is 4 KLD. The domestic sewage generation is 3.5 KLD is to be disposed into Septic tank followed by dispersion trench.

Noted and will be complied.

ii. The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water.

Complied.

- 12 Nos. of rainwater harvesting pits are made to harvest the rainwater from rooftops.
- 2 Nos. of ponds of 20000 cu m and 10000 cu m respectively are made within the premises to recharge the ground water.

c. Solid Waste:

i. Dust generated from the Bag filters shall be completely recycled. Waste oils & used oils generated from the plant shall be dispersed as per the Hazardous Waste (Management and Handling) transboundary rules and its amendments thereof to the recyclers authorized by APPCB.

Complied.

- Dust generated from the Bag filters is being completely recycled.
- The same will be system will be installed for this expansion proposal.
- Waste oils & used oils generated from the plant are being dispersed as per the Hazardous Waste (Management and Handling) Transboundary Rules and its amendments thereof to the recyclers authorized by APPCB.

B. GENERAL CONDITIONS:

i. This order is valid for a period of 7 years.

Noted. After obtaining the CFE order, the construction of this expansion proposal is initiated. CFO will be obtained before commissioning of this expansion proposal.

ii. 'Consent for Establishment' shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity / construction work at site.

Noted. Obtained CFE order for this expansion proposal.

iii. Provision shall be made for the housing of the construction labor within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc. The housing may be in the form of temporary

structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

Provision was made for the housing of the construction labor with all necessary amenities. Presently, it is again made for the expansion proposal.

iv. No change in the process technology and scope of working should be made without prior approval of the SEIAA, AP. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, AP / MoE&F, GoI, New Delhi, as applicable.

Complied. No change in the process technology, for this expansion proposal.

v. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment & Forests, its Regional Office Chennai, SEIAA, A.P., Zonal Office of Central Pollution Control Board, Bangalore, District Collector and A.P. Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions including results of monitored data on their websites and shall update the same periodically.

Complied.

- Half-yearly compliance reports are being submitted to APPCB and to the Regional Office of Ministry located at Chennai on regular basis (up to the period October 2018 to March 2019). Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to [ecompliance-ap@gov.in](mailto:ecompliance-ap@gov.in).
- Being uploading the status of compliance of the environmental clearance conditions including results of monitored data on our company's website and being updated periodically.

vi. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring. Locations of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

Complied.

- Four ambient air quality monitoring stations are established in the core zone for monitoring.
- Locations of the stations are decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets. Monthly monitoring is being done in consultation with the State Pollution Control Board for core zone locations.

vii. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board / Central Pollution Control Board once in six months.

Complied.

- Half-yearly compliance reports are being submitted to APPCB and to the Regional Office of Ministry located at Chennai on regular basis (up to the period October 2018 to March 2019). Vide Notice from MoEF&CC, Chennai dated 13.08.2019, this copy of half-yearly compliance report is mailed to [ecompliance-ap@gov.in](mailto:ecompliance-ap@gov.in).

viii. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

Personnel working in dusty areas are being wearing protective respiratory devices. Adequate training and information on safety and health aspects is being inculcated.

ix. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

Occupational health surveillance program of the workers is being undertaken periodically to observe any contractions due to exposure to dust and take corrective measures will be initiated, if needed.

x. A separate environmental management cell with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.

Complied. A separate environmental management cell with suitable qualified personnel is set up under the control of a Sr. Manager (P&QC), who is reporting directly to the Head of the Organization (Vice President – Mfg.).

xi. The funds earmarked for environmental protection measures (Capital cost of Rs. 4.5 crores & Recurring cost of Rs. 5.0 lakhs / annum); should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chennai.

Complied.

- With respect to the present proposal, the funds earmarked for environmental protection measures (Capital cost of Rs. 4.5 crores & Recurring cost of Rs. 5.0 lakhs / annum) are kept in separate account and will not be diverted for other purpose.
- With respect to the present operating plant, year wise expenditure is being reported to the Regional Office, Ministry of Environment & Forests, Chennai, along with half-yearly compliance reports.

xii. At least 2% of the total project cost shall be allocated for corporate environment responsibility (CER) and item-wise details along with time bound action plan shall be prepared in accordance to the MoEF & CC's office memorandum No.F.No.22-65/2017-IA.III dated 01.05.2018 and submit to the SEIAA,A.P and ministry's Regional Office, Chennai.

Complied.

- Annual expenditure details on various socio-economic activities carried out in the nearby vicinity of the plant are being submitted on regular basis along with half yearly compliance reports.
- CSR expenditure made in the financial year 2019-20 to the surrounding villages is around Rs. 24.004 lakh.
- Some of CER / CSR activities carried out in the financial year 2019-20 are:
  - o Contribution for construction of compound wall, painting, grills & gate of Kanurupalem temple.
  - o Contribution for electrical items (tube lights - 20 Nos. & Fans -20 Nos.) to schools located at Kasimkota Mandal.
  - o Donation of 500 Cement bags for construction Police Officer Welfare Guest House.
  - o Contribution for construction of Mandapam at Paradesamma Temple in Gobburu village.
  - o Donation of 20 Nos. of Traffic stoppers to Kasimkota police station.
  - o Donation of 1 No. of ambulance to The District Collector & Magistrate, Visakhapatnam.
  - o Provided JCB to AS Peta High School for leveling of their playground.

xiii. The Regional office of MOEF&CC located at Chennai / the SEIAA, Andhra Pradesh through the Regional offices of Andhra Pradesh Pollution control board 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.

xiv. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies i.e., Panchayats /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.

We received the EC order on 11.02.2019. Submitted the copies of the environmental clearance to the Panchayats on 19.02.2019.

xv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, AP. This order shall be displayed in the website of the project proponent.

Complied.

- Advertisements are given in 3 Nos. of local newspapers (Deccan Chronicle – English and Sakshi & Eenadu – Telugu) on 19.02.2019. The same is communicated vide Lr. No. VGP/SEIAA/14/2018-19 dated 19.02.2019.
- This clearance order is displayed in the company's website.

xvi. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Noted.

xvii. The company shall undertake eco-development measures including community welfare measures in the project area.

Eco-development measures including community welfare measures are being done in and around the project area.

xviii. The proponent shall obtain all other mandatory clearances from respective departments.

Noted.

xix. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Noted.

xx. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter / modify the above conditions or stipulate any further condition in the interest of environment protection.

Noted.

xxi. The above conditions will be enforced inter-alia, under the provisions of the Water (Protection & Control of Pollution) Act, 1974, the Air (Protection & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Public Liability Insurance Act, 1991 along with their amendments and rules.

Noted.

**THE RAMCO CEMENTS LIMITED, GOBBURUPALEM**  
**AMBIENT AIR QUALITY MONITORING DATA**  
**PERIOD - April 2019 - September 2019**

Annexure - I

S. No	Ambient Air Quality Monitoring Station	Month						Avg
		Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	
<b>I. PM<sub>10</sub> Concentration, µg/m<sup>3</sup></b>								
1	Near RCL Site Office	59.1	56.5	53	54.6	51.3	56.4	38.6
2	Near Guest House area	63.4	61.1	58.7	52.3	67.5	53.7	41.9
3	Near Load Centre-2 area	64.9	66.3	62.3	58.3	57.3	59.3	43.9
4	Near DG House area	65.4	62.7	58.6	62.6	61.8	63.7	44.2
<b>II. PM<sub>2.5</sub> Concentration, µg/m<sup>3</sup></b>								
1	Near RCL Site Office	23.8	20.8	21.3	19.7	18	17.9	14.0
2	Near Guest House area	25.4	22.7	23.8	18.4	19.4	18.1	14.6
3	Near Load Centre-2 area	26.2	27.3	25.2	22.9	20.9	21.6	16.8
4	Near DG House area	26.5	23.5	23.9	25.2	23.7	24.2	17.2
<b>III. SO<sub>2</sub> Concentration, µg/m<sup>3</sup></b>								
1	Near RCL Site Office	14.2	14.4	13.5	14.2	15.1	14.2	10.2
2	Near Guest House area	15.7	14.3	12.9	13.4	14.3	13.9	9.8
3	Near Load Centre-2 area	15.2	14.2	12.1	14.6	15.2	14.7	10.1
4	Near DG House area	16	15.2	13.5	15.1	14.7	15.2	10.5
<b>IV. NO<sub>x</sub> Concentration, µg/m<sup>3</sup></b>								
1	Near RCL Site Office	21.3	21.8	17.2	19.1	20.7	19.5	14.0
2	Near Guest House area	22	20.7	17.1	18.5	19.1	20.2	13.7
3	Near Load Centre-2 area	20.5	19.8	15.6	20.7	19.6	20.5	13.7
4	Near DG House area	21.2	20.7	17.1	19.6	20.2	19.7	13.9

**THE RAMCO CEMENTS LIMITED, GOBBURUPALEM**  
**NOISE LEVEL DATA**  
**PERIOD - April 2018 - September 2019**

Month	Cement Mill area		PSC Silo area		DG set area		PPC Silo area		Guest House area		Security gate	
	Day time	Night Time	Day time	Night Time	Day time	Night Time	Day time	Night Time	Day time	Night Time	Day time	Night Time
Apr-19	66.3	61.5	67.5	62.5	71.2	64.2	68.4	62.9	60.1	45.9	59.2	61.6
May-19	67.1	63.4	67.9	64.2	71.4	64.7	69.3	65.1	62.2	46.2	63.1	60.8
Jun-19	65.4	61.4	65.3	62.5	70.6	63.7	68.2	62.7	61.1	44.2	62.7	58.3
Jul-19	66.2	60.3	67.3	61.8	70.7	64.8	67.9	60.5	73.4	49.6	73.1	58.3
Aug-19	65.9	60.2	67.2	62.7	70.1	65.4	68.8	60.3	73.9	49.2	73.2	58.5
Sep-19	67.1	62.2	65.9	63.4	71.3	67.9	68.8	63.1	61.8	52.6	65.9	61.3

**THE RAMCO CEMENTS LIMITED, GOBBURUPALEM**  
**STACK MONITORING DATA**  
**PERIOD - April 2019 - September 2019**

S. No	Stack Attached to	PM Concentration, mg/Nm <sup>3</sup>					
		Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
1	Cement Mill Vent Bag Filter	22.9	21.6	20.2	19.9	20.7	19.2
2	Separator Vent Bag Filter	20.5	20.8	19.2	18.3	19.6	21.4