

Chettinad Cement Corporation Private Limited

Dindigul District, Tamil Nadu

Environmental Clearance (EC) Compliance Report (Oct'17 – Mar'18)

Cement Plant, Captive Power Plant & Seethai Nagar Limestone Mine

[EC granted by MoEF vide Letter No F.No.J-11011/518/2009-1A 11(i) dated 02.08.2010 for expansion of Cement Plant Capacity from 2.0 to 4.5 million tons per annum, Captive Power Plant Capacity from 18 to 48 mw and Captive Limestone Mine Capacity from 2.0 to 4.5 million tons per annum (Mining Lease Area 379 ha)]

A. Specific Conditions

S.No	Specific Condition	Compliance Status
i.	The company shall comply with the condition stipulated in the environmental clearance Letter No.J-11011/11/2008-1A-11(I) dated 15.10.2008	Compliance with the conditions stipulated in the Environmental Clearance referred is being ensured.
ii.	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of Particulate emissions shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system and energy efficient technology.	<p>Plant</p> <p>The continuous stack monitoring system to monitor gaseous emissions (SO₂ and NO_x) and dust (PM) has been provided and the concentrations of pollutants are being controlled by providing the following appropriate control measures to ensure compliance with prescribed norms.</p> <p>Required APC measures to control emissions within the norms prescribed, viz., Electrostatic Precipitators to Clinker Cooler, Bag House to Raw Mill/Kiln, Coal Mill and Cement Mill, and Low NO_x burners have been provided. As Sulphur is getting converted into its compounds during the process of formation of Clinker in the Kiln, the emission of SO₂ is under control</p> <p>Mine</p> <p>Only crushers are available in the Mining Lease Area. Bag Filter and vent has been provided to control emission of Particulate Matter within the prescribed standard.</p>



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iii.	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery Boiler (WHRB) and a feasibility report should be prepared and submitted to the Ministry and its Regional office at Bangalore within 3 months from the date of issue of this letter	As the hot gases from the Pre-heater are used to remove the moisture content in the raw materials, while the same are ground in Raw Mill, there is no wastage of heat energy. Hence, the feasibility of using the spent gases with a temperature of 180 °C, after the loss of heat energy at Raw Mill, for generation of steam using Waste Heat Recovery Boiler (WHRB) is not there. The details have already been submitted to the MoEF and its Regional Office at Bangalore.
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R .No. 826 (E) dated 16 th November,2009 should be followed.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R .No. 826 (E) dated 16 th November, 2009 are being followed
v.	Secondary fugitive emission from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	<p>Plant</p> <p>Secondary fugitive Emissions are being controlled by providing following appropriate control measures stipulated by CPCB and secondary emissions are also regularly monitored for controlling the same, within stipulated norms.</p> <ul style="list-style-type: none"> • Paved/concrete roads for truck movement • Use of closed trucks/bulkers/covering materials with tarpaulin before commencing transport • Ensuring Speed control • Avoiding overloading • Providing closed storage for Gypsum, Coal etc., • Closed Silos for Raw Meal Clinker, Fly Ash & Cement • Water Sprinkling arrangement • Bag Filters at Transfer Points • Maintaining the equipment in good condition. • Greenbelt along the boundary of the Plant premises <p>Fugitive emissions are being monitored at three locations every quarter.</p>

S.No	Specific Condition	Compliance Status
		<p>Mine</p> <p>Adequate measures will be taken to control fugitive emission as given below.</p> <ul style="list-style-type: none"> • Wet drilling and wetting of the places of operation • Water sprinkling while handling materials containing finer particles • Water Sprinkling on the haul roads within the mine area • Closed conveyors to convey Limestone to the Cement Plant • Bag Filters at transfer points to collect dust • Ensuring Speed Control • Avoiding overloading • Good maintenance of vehicles and mining machinery <p>There is no need to handle Top Soil /Over Burden as the same had already been used for developing greenbelt/formation of bunds along the boundary. All the Pits have been already opened up and the possibility of further generation of Top Soil/Over Burden is also not there.</p>
vi.	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.	<p>Plant</p> <p>Paved /Concrete Roads and Water Sprinkling on the roads/conveyors are being ensured to control fugitive emission in the Plant and CPP.</p> <p>Mine</p> <p>As this is a Mine, no asphalting or concreting of roads is possible. However, water sprinkling will be ensured on the roads, mining area, dump area, mineral storage area etc., in the Mine to suppress the dust.</p>



S.No	Specific Condition	Compliance Status
vii.	Efforts should be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored.	<p>Plant</p> <p>The following precautions are being taken to reduce the impact of transport of raw materials and end products on the surrounding environment, including agricultural land.</p> <ul style="list-style-type: none"> • Covering of materials (raw materials , fuel, and end products) with tarpaulin while transporting • Transporting Fly Ash in bulkers • Controlling of vehicle speed • Avoiding overloading • Good maintenance of vehicles • Insisting on PUC Certificate for all vehicles entering the factory <p>Mine</p> <p>The Limestone mined will be transported to the Cement Plant through closed conveyors and Bag Filters provided at transfer points to collect dust.</p> <p>There will not be any movement of other materials from the Mine. Also, no raw material is required to be moved to Mine.</p> <p>No overloading of trucks is permitted. Vehicles with Pollution Under Control Certificate only being permitted inside the premises.</p>
viii.	Rainwater harvesting measures shall be adopted for the augmentation of ground water at Cement Plant, Colony and Mine site. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water and reduced the water requirement pressure from the river. An action plan should be submitted to Ministry's Regional Office at Bangalore within 3 months from the date of issue of this letter.	<p>Plant</p> <p>Rainwater harvesting pond with a capacity of 1200 m³ has been provided in the Plant premises. The harvested water in the Plant is being used for dust suppression and greenbelt.</p> <p>Also the rain water harvested in the Mines is being used for various purposes in the Cement Plant, Captive Power Plant and Colony.</p>

S.No	Specific Condition	Compliance Status
		<p>Mine</p> <p>Rain water harvesting measures like catch drains/garland drains had been provided to divert and collect the rainwater in the mined out pits (26,22,380 m³).</p> <p>The harvested rain water is being used for dust suppression and greenbelt development within the Mining Lease area and also in the Cement Plant, Captive Power Plant and Colony.</p> <p>The EIA Report submitted to Regional Office of MoEF, Bangalore includes the details of rainwater harvesting measures and the utilisation of harvested rainwater.</p>
ix.	The project proponent shall ensure that no natural water course shall be obstructed due to any mining operations.	No natural water course will be obstructed due to any mining operations.
x.	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, Inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area roads, green belt development etc. The drains should be regularly de silted, particularly after monsoon, and maintained properly.	<p>Catch drains/garland drains and siltation sump had been constructed to arrest flow of silt and sediment. The rain water is diverted and collected in the Mine Pits and the same is utilized for sprinkling in the mine area, roads, greenbelt development etc., and also in the Cement Plant, Captive Power Plant and Colony.</p> <p>The drains are being regularly desilted, particularly after monsoon and maintained properly.</p>
xi.	Garland drain of appropriate & size, gradient and length shall be constructed for both mine pit and Inter burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of slit material. Sedimentation pits should be constructed at the corners of the garland drains and de silted at regular intervals.	<p>Catch drains/garland drains and siltation sump had been constructed. As the rainwater is getting collected in the Mine Pits, which is having a depth of 30 m - 80 m, there is no possibility of overflow from the Mine pit.</p> <p>As the rain water is collected in the mined out pits, sufficient retention time is available for the settling of solid particles/silt materials.</p> <p>The catch drains/garland drains and the sedimentation pits are being desilted at regular intervals.</p>



S.No	Specific Condition	Compliance Status
xii.	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project areal in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring should be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January), Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Bangalore Central Ground Water Authority and State Ground Water Board.	Regular monitoring of ground water quality is being carried out by establishing a network of existing wells at suitable locations in and around project area on quarterly basis as stipulated and the data thus collected are being submitted to Ministry of Environment , Forest and Climate Change and its Regional Office , Chennai , Central Ground Water Authority and State Ground Water Board and Two numbers of Piezometer installed , one at upstream & the other at downstream to monitor ground water level at Mines.
xiii.	Dimension of the retaining wall at the toe of Inter burden dumps and Inter burden benches within the mine to check run-off and siltation should be based on the rain fall data.	The retaining wall of adequate dimension provided at the toe of waste dumps to check run-off.
xiv.	Suitable conservation measures to augment ground water resources In his area should be planned and implemented in consultation with Regional Director, Central Ground Water Board.	Catch drains/garland drains had been constructed to divert and collect the rainwater in the mined out pit. The water collected is utilized for sprinkling in the mine area, roads, greenbelt development and also for meeting Plant's water requirement to conserve water, besides recharging the ground water table.
xv.	All the bag filter dust, raw mill dust, coal dust. clinker dust and cement dust from pollution control devices shall be recycled and reused In the process and used for cement manufacturing.	<p>Plant</p> <p>All the bag filter dust viz., raw mill dust, coal dust. Clinker dust and cement dust from pollution control devices will be recycled and reused in the respective processes.</p> <p>Mine</p> <p>The Limestone dust collected using the bag filters provided for the crushers are being reused.</p>

S.No	Specific Condition	Compliance Status
xvi.	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	<p>Necessary provisions like high efficiency multi-channel burner, feeding system etc., had been installed to facilitate co-processing of hazardous wastes in the Kiln.</p> <p>Before commencing co-processing the hazardous waste, necessary permission and authorisation is being obtained from the concerned Authority.</p>
xvii.	Efforts shall be made to use low grade lime. more fly ash and solid waste in the cement manufacturing.	<p>Fly Ash generated in our Captive Power Plant is fully used for manufacturing Portland Pozzolana Cement (PPC). Efforts are being made to use maximum percentage of Fly Ash in Cement manufacturing conforming to BIS standard specification.</p> <p>Low Grade Limestone is being blended with available High Grade Limestone to conserve the natural resource. This blend is being used for raw meal preparation to produce clinker.</p> <p>Slag, a waste from Steel Industries is also being used to produce Portland Slag Cement.</p>
xviii.	All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently amended in 2003 and 210. Efforts should be made to use fly ash maximum in making Pozollona Portland Cement (PPC).	Fly Ash generated in our Captive Power Plant is fully used for manufacturing Portland Pozzolana Cement. Efforts are being made to use maximum percentage of Fly Ash in Cement manufacturing conforming to BIS standard.
xix.	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bangalore, SPCB and CPCB within 3 months of issue of environment clearance letter.	The EIA Report submitted to the Ministry's Regional Office at Bangalore, TNPCB and CPCB includes the Risk and Disaster Management Plan along with the mitigation measures.
xx.	Blasting operation shall be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.	Blasting operations are being carried out during the daytime and controlled blasting method is being followed to control ground vibration and arrest fly rocks and boulders.



S.No	Specific Condition	Compliance Status
xxi.	Wet drilling blasting method and provision for the control air emissions during blasting using duet collectors etc. , shall be used.	Wet drilling and controlled blasting methods are being adopted to control air emissions during drilling and blasting.
xxii.	Bench height, width and slope for individual bench should be properly assessed and implemented. Adequate measures should be adopted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accidents.	<p>Bench height, width and slope for individual bench are being maintained as per Mining Plan/Scheme of Mining approved by Indian Bureau of Mines.</p> <p>Adequate measures viz., gentle slope, terracing and plantation are being ensured to stabilize the slope before abandonment.</p> <p>Fencing around the rainwater harvesting reservoirs had been provided to prevent accidents.</p>
xxiii.	Action plan for the mining management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure shall be submitted to the Ministry and Its Regional Office at Bangalore.	The EIA Report submitted to the Ministry and Its Regional Office at Bangalore includes the details of management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure plan as per Mining Plan approved by IBM.
xxiv.	The Inter burden and other waste generated shall be stacked at earmarked dump site(s) only and should not be kept active for long period. The total height of the dumps should not exceed 30 m in three terraces of 10 m each and the over all slope of the dump should be maintained to 28°. The inter burden dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and Its Regional Office, Bangalore on six monthly basis.	<p>Currently there is no stock of any over burden as the same had already been used up for formation of bunds along the boundary of ML area.</p> <p>The waste generated during the mining operations is being stacked at earmarked site only, maintaining the height, width and slope as per IBM approved Mining Plan/Scheme of Mining. These dumps will be used for reclaiming the mined out pits and the reclaimed area will be planted with native species.</p> <p>Monitoring and management of rehabilitated areas will be taken up after commencing reclamation work and will be continued till the vegetation becomes self-sustaining.</p> <p>Compliance status report is being submitted to the Ministry of Environment & Forest once in every six months.</p>

S.No	Specific Condition	Compliance Status
xxv.	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It should be ensured that the overall slope of the dump does not exceed 28°.	As there is no storage of over burden outside the Mining Lease area. Hence, this condition is not applicable.
xxvi.	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of higher benches should be, made gentler for easy accessibility by local people to use the water body, Peripheral fencing shall be carried out along the excavated area.	<p>The void left unfilled in the mining area already converted into water body. The higher benches of excavated void/mining pit will be terraced and plantation will also be developed to stabilize the slopes. The slope of higher benches will be made gentler.</p> <p>Considering the safety of the people, they will not be allowed inside the Mine area.</p> <p>Peripheral fencing provided along the excavated area.</p>
xxvii.	Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	Currently there is no stock of top soil as the same had already been used up for development greenbelt. There is no need to remove the top soil as all the Mining pits have been opened up.
xxviii.	As proposed, green belt shall be developed in at least 33 % In cement plant and all the mined out area except used for reservoir.	<p>Greenbelt is being developed in the plant, Mines and colony areas.</p> <p>Plant</p> <p>Total Plant area : 72.95 ha</p> <p>33 % of Plant area (to be covered with greenbelt) : 24.07 ha</p> <p>Greenbelt Developed : 23.29 ha</p> <p>Number of saplings planted : 47856</p> <p>Tree Density : 2020/ha</p> <p>Balance area to be developed with greenbelt : 0.78 ha</p> <p>Further development Plan for greenbelt : 700 by Dec'19</p>



S.No	Specific Condition	Compliance Status
		<p>Mine</p> <p>Total Area of Mine : 379.49 ha</p> <p>Greenbelt developed Area : 72.60 ha</p> <p>Number of saplings planted : 29842</p> <p>Tree Density : 411/Ha</p> <p>Balance trees to be planted : 10000</p> <p>Target Date to complete Greenbelt Development : By 2030 (at the time of partial reclamation of mined pits)</p> <p>The balance mined out areas will be used as reservoir to harvest rainwater.</p>
xxix.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) should be implemented.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) are being implemented.
xxx.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Plants shall be Implemented!.	The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Plants have been complied with except for the generation of power using hot gases from the Kiln. As the hot gases from the Kiln are used for removing the moisture from the raw materials in the Raw Mill, the insufficient heat energy available in the spent gases can not be used for power generation using Waste Heat Recovery Boiler.
xxxi.	The company shall comply with the commitments made during public hearing held on 29th January, 2010 and a separate budget for Implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bangalore.	The commitments made during the Public Hearing had been implemented from the allocated budget. The details of budget and the status of implementation commitments made during Public Hearing had already been submitted to Ministry's Regional Office at Bangalore.

S.No	Specific Condition	Compliance Status
xxxii.	At least 5 % of the total cost of the project should be earmarked towards the Corporate social responsibility and Item-wise details along with time bound action, plan should be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.	5 % of the total cost of the project had been earmarked towards the Corporate Social Responsibility (CSR). The EIA Report covering the details of CSR activities, which include Item-wise details and time schedule, had been submitted to the Ministry's Regional Office at Bangalore. Implementation is being ensured accordingly in a time bound manner.

B. General Conditions

S.No	General Condition	Compliance Status
i.	The Project authorities must strictly adhere to the stipulations made by the SPCB and State Government.	Stipulations of Tamil Nadu Pollution Control Board / State Government are being complied with.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of this Ministry.	No further expansion or modernization of the plant will be carried out without prior approval of the MoEF & CC , New Delhi.
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.+	<p>Plant</p> <p>The Installation of RABH/ESP/ Pulse Jet Bag Filters for the point sources of emission, Use of low Ash and low Sulphur fuels and Use of low NOx Burners ensure that the Particulate Matter and gaseous emissions like SO₂ and NO_x from various units are within the standards prescribed.</p> <p>Interlocking facility had been provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit gets shut down automatically.</p>



S.No	General Condition	Compliance Status
		<p>Mine</p> <p>Only crushers had been installed in the ML area and by providing bag filters for the crushers, the Particulate Matter emissions are controlled within the norm stipulated.</p> <p>Interlocking facilities provided so that crushing operation gets automatically stopped in case emission level exceeds the limit.</p>
iv.	The overall noise levels in and around the plant area shall be kept well within the standards(85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA(daytime) and 70 dBA (night time).	By providing noise control measures like silencers, acoustic enclosures etc, for all the sources of noise generation and ensuring good maintenance of Equipment & Machinery, the overall noise levels are controlled and maintained well within the standard of (85 dBA) in the Plant and Mine areas and within 75dBA (daytime) and 70 dBA (nighttime) in the ambient.
v.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is being done on a regular basis and records are being maintained as per the Factories Act.
vi.	All the environment management measures given In the EIA/EMP shall be Implemented and complied with.	All the environment management measures given In the EIA/EMP are being Implemented.
vii.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	<p>Plant</p> <p>Rainwater harvesting pond with a capacity of 1200 m³ has been provided in the Plant premises.</p> <p>The rain water harvested in the Plant as well as in the Mine Pits is also being used for cooling , dust suppression, greenbelt and domestic purpose .</p> <p>Mine</p> <p>Rain water harvesting measures like catch drains/garland drains had been provided to divert and collect the rainwater in the mined out pits (26,22,380 m³).</p>

S.No	General Condition	Compliance Status
		The harvested rain water is being used for dust suppression and greenbelt development within the Mining Lease area and also for meeting the water requirement of Cement Plant, Captive Power Plant and Colony.
viii.	Proper house keeping and adequate occupational health programmes shall be taken up as per the Factory Act.	Proper house keeping is being ensured. Adequate occupational health programs are being taken up as per the Factory Act.
ix.	The company shall undertake eco-development measures including community welfare measures in the project area.	The company is carrying out eco-development measures like rainwater harvesting, greenbelt development and also community welfare measures in the project area.
x.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	A separate environmental management cell to carry out various management and monitoring functions had already set up under the control of Senior Executive.
xi.	The requisite fund shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	The required capital cost and the annual recurring expenditure has been earmarked for providing environment pollution control measures and implementing the conditions stipulated by the Ministry of Environment, Forest and Climate Change and the same is not diverted any other purpose.
xii.	The Project Authorities 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 and the date of commencing the land development work.	As internally accrued funds had been invested there is no need of financial approval of project by any authority and the financial closure. The date of commencement of ground work had been communicated to MoEF, Delhi & MoEF, Bangalore.
xiii.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Environmental Clearance copy send to Gujiliyampari Panchayat, Karikkali village Vendasandur Taluk, Dindigul District. Also, the EC granted has been uploaded in our web site.



S.No	General Condition	Compliance Status
xiv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bangalore, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>The status of compliance of the stipulated environment clearance conditions, including results of monitored data are being uploaded in our website and also being submitted to Regional Office of the MoEF & CC,, Chennai, Zonal Office of CPCB, Bangalore and TNPCCB.</p> <p>The pollutant levels of PM_{2.5}, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) are being monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>
xv.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore/ CPCB / SPCB shall monitor the stipulated conditions.	Six monthly EC compliance report and the monitored data are being submitted, in hard copy and by email, to the Regional Office of MoEF & CC, Chennai, CPCB & TNPCCB.
xvi.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bangalore by e-mail.	<p>Environmental Statement for the year 2016-2017 in Form V submitted on 28.09.2017 for the Plant and the Mine to TNPCCB and the Regional Office of MOEF & CC, Chennai at Bangalore in hard copy as well as by e-mail.</p> <p>The status of compliance of EC conditions and the Environmental Statement are being uploaded in the company's website.</p>

S.No	General Condition	Compliance Status
xvii.	The Project Proponent shall Inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at the Website Of the Ministry of Environment and Forests at http://envfor.nic.in , This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated In the region of which one shall be In the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	Advertisements in two local newspapers have been published regarding grant of Environmental Clearance and the copies of the same have also been submitted to MoEF Regional office at Bangalore.

C. Other Condition

S.No	Other Condition	Compliance Status
10	The Ministry may revoke or suspend the clearance, if Implementation of any of the above conditions is not satisfactory.	Guidelines noted.
11	The Ministry reserves the right to stipulate additional conditions If found necessary. The Company In a time bound manner shall implement these conditions.	Guidelines noted.
12	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	Guidelines noted.



S.No	Other Condition	Compliance Status
13	The above conditions shall be enforced, Inter-alia under the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2008 and the Public (Insurance) Liability, Act, 1991 along with their amendments and rules.	Guidelines noted.

for Chettinad Cement Corporation Private Limited



M U Subramanayan
Joint President (Works)