

Ref: SJCPL /ENV /2023-24/01

Date: 25.11.2023

To

The Director

Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Green House, Gopalareddy Road,
Vijayawada – 520010,
Andhra Pradesh.

**Sub: Submission of half yearly Environmental Clearance point wise compliance report
For the period April– 2023 to September– 2023 for our Unit-II (2.5 MTPA Clinker
And 2.5 MTPA Cement) – reg**

Ref: F.No. J-11011/225/2014-IA-II (I) dated: 7th November 2017

Dear Sir,

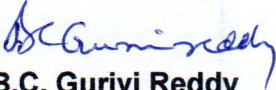
Please find enclosed herewith half yearly Environmental Clearance point wise compliance status reports for the period of **April– 2023 to September– 2023** for our Unit-II .

We would like to bring to your kind notice that Unit-II Project activities are not yet commenced.

Thanking You,

Yours faithfully,

For **Sree Jayajothi Cements Private Limited**



B.C. Gurivi Reddy
Sr. Vice President (works)



Half Yearly EC Compliance Report – [April-2023 to September-2023]
Unit-II: F.No. J-11011/225/2014-IA-II (I) dated: 7th November 2017.

Project activities are not yet commenced

A. SPECIFIC CONDITIONS:

S.No.	Specific conditions	Compliance status
i.	The project Proponents should be install 24*7 air monitoring device to monitor air emission as provide by CPCB and Submit report to Ministry and its Regional office.	Online Continuous Emission monitoring system (OCEMS) will be installed and reported to MoEFCC Regional office Chennai.
ii.	The standards issued by Ministry vide GSR 612 (E) dt 25.08.2014 regarding cement plants with respect to particulate matter, SO ₂ , NO _x shall be followed	Project activities are not yet commenced The standards issued by Ministry vide GSR 612 (E) dt 25.08.2014 regarding cement plants with respect to particulate matter, SO ₂ , NO _x will be followed
iii.	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. After expansion, limit of PM ₁₀ shall be controlled to prescribed standards by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/Kiln and bag house to coal mill. Low NO _x burners shall be provided to control NO _x emissions. Regular calibration of the instruments shall be ensured.	Online Continuous Emission monitoring system (OCEMS) will be installed and reported to MoEFCC Regional office Chennai. The standards issued by Ministry vide GSR 612 (E) dt 25.08.2014 regarding cement plants with respect to particulate matter, SO ₂ , NO _x will be followed Regular calibration of the instruments will be ensured after installation.
iv.	Efforts shall be made to achieve power consumption of 70 units/tonne of PPC and 95 units/tonne of OPC production and thermal energy consumption of 670 Kcal/Kg of clinker.	Efforts will be made to achieve power consumption of 70 units/tonne of PPC and 95 units/tonne of OPC production and thermal energy consumption of 670 Kcal/Kg of clinker.
v.	The National Ambient Air Quality standards issued by the Ministry vide G.S.R No. 826(E) dated 16 th November, 2009 shall be followed.	The National Ambient Air Quality standards issued by the Ministry vide G.S.R No. 826(E) dated 16 th November, 2009 will be followed during construction and operation phase.
vi.	AAQ Modeling shall be carried out based on the specific migrative measure taken in the existing projects and proposed for the expansion project to keep the emissions well below prescribed standards.	AAQ Modeling was carried out based on the specific measure taken in the existing projects and proposed for the expansion project to keep the emissions well below prescribed standards. The same is presented in EIA report submitted to MoEFCC.
vii.	Secondary fugitive emissions shall be controlled and should be within the prescribed limits & regularly monitored. Guidelines /Code of practice issued by the CPCB in this regard shall be followed.	Secondary fugitive emissions will be controlled & regularly monitored. Guidelines /Code of practice issued by the CPCB in this regard will be followed. Following efforts were made in the existing cement plant The same infrastructure facilities will be utilized for Unit-II

S.No.	Specific conditions	Compliance status
		<p>expansion project.</p> <p>Cement Concrete (CC) roads are laid and housekeeping is being maintained to control air pollution Shed are provided for raw materials storage. Wind shelter fencing of 8 m (24 fts) height is constructed all around the raw materials storage yards. Fly ash handling by closed circuit pneumatic system. All raw material transfer conveyors are covered with GI sheet. Road sweepers & vacuum cleaner is deployed and good housekeeping is being maintained for controlling secondary fugitive dust emissions. Separate Truck yard was provided</p>
viii.	Arsenic and Mercury shall be monitored in emission , ambient air and water	Arsenic and Mercury will be monitored in emission, ambient air and water as applicable.
ix.	The Coal yard shall be lined and covered	Existing coal yard lined and wind shelter fencing provided for dust emission control. The same will be utilized for the expansion project.
x.	The project proponent shall prepare a report on impact of project on surrounding reserve forests within six months and got it approved from the State Forest Department. A copy of the conservation plan shall be submitted to the Ministry and its Regional office.	Report on impact of project on surrounding reserve forests will be prepared and submitted to the State Forest Department.
xi.	The Project proponent shall take all precautionary measures for conservation and protection of wild fauna spotted in the study area .A wildlife conservation plan specific to this project site shall be prepared in consultation with the state Forest and wildlife Department. A copy of the conservation plan shall be submitted to the ministry and its Regional office	All necessary precautionary measures for conservation and protection of wild fauna spotted in the study area .A wildlife conservation plan specific to this project site will be prepared in consultation with the state Forest and wildlife Department and submit the Ministry's Regional office.
xii.	The Project proponent will also provide the latest status of the environmental compliance in respect of its existing plant	Latest status of the environmental compliance in respect of existing cement plant is being regularly submitted to the MoEF&CC Regional office, Vijayawada
xiii.	Efforts shall 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 shall be transported in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.	<p>Following efforts were made in the existing operating cement plant to reduce impact of the transport of the raw materials and end products on the surrounding environment. The same infrastructure facilities will be utilized for Unit-II expansion project.</p> <p>Cement Concrete (CC) roads are laid and housekeeping is being maintained to control air pollution Shed are provided for raw materials storage. Wind shelter fencing of 8 m (24 fts) height is constructed all around the raw materials storage yards. Fly ash handling by closed circuit pneumatic system.</p>

S.No.	Specific conditions	Compliance status
		All raw material transfer conveyors are covered with GI sheet. Road sweepers & vacuum cleaner is deployed and good housekeeping is being maintained for controlling secondary fugitive dust emissions. Separate Truck yard was provided
xiv.	Efforts shall be made to further reduce water consumption by using air cooled condensers. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and greenbelt development and other plant related activities etc. No process wastewater shall be discharged outside the	Efforts will be made to reduce water consumption. All the treated wastewater shall be recycled and reused for dust suppression and greenbelt development. No process wastewater will be discharged outside the premises. Cement manufacturing is dry process. No process wastewater is generated in existing cement manufacturing.
xv.	Efforts Shall be make use of rain water Rain water .If needed , capacity of the reservoir shall be enhanced to meet the maximum water requirement . Only balance water requirement shall be met from other sources .	Rain Water Harvesting & recharge structures constructed in & around the existing cement plant premises. All the storm water drains are connected to Rain Water Harvesting and recharge structures.
xvi.	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution control Board or described under the EP Act 1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the ministry regional office, SPCB and CPCB.	Cement manufacturing is dry process. No process effluent is generated in cement manufacturing.
xvii.	All the bag filters dust, raw mill dust, coal mill dust, cement mill dust from pollution control devices shall be recycled and reduce in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / re-processor	All the dust from pollution control devices will be 100 % recycled. Spent oil and batteries will be sold to authorized recyclers / re-processor
xviii.	The kiln shall be provide with a flexible fuel feeding system to enable use of Hazardous wastes and other wastes including bio mass , etc.	The kiln will be provided with a flexible fuel feeding system to enable use of Hazardous wastes and other wastes.
xix.	The proponent shall examine and prepare a plan for utilization of high calorific wastes such as chemical wastes, distillation residues, refuse derived fuels, etc. as alternate fuel based on availability and composition. For this, the proponent shall identify suitable industries with such wastes and enter into an MOU for long	Plan for utilization of high calorific wastes in kiln will be examined.

S.No.	Specific conditions	Compliance status
	term utilization of such wastes as per the E (P) Rules, 1986 and with necessary approvals.	
xx.	Efforts shall be made to use the high calorific wastes such as chemical wastes, distillation residues, refuse derived fuels, etc as alternate fuel based on availability and composition. For this, the proponent shall identify suitable industries with such wastes and enter into an MOU for long term utilization of such wastes as per the E(P) Rules, 1986 and with necessary approvals of APPCB.	Efforts will be made to use the high calorific wastes the in kiln and necessary approval will be obtained.
xxi.	Greenbelt shall be developed in at least 33% area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO, local community and as per the CPCB guidelines. An area 5 ha with in the plant premises to be used within the plant premises to be uses for plantation in addition of 33% existing plantation.	Greenbelt is developed in about 163.1 acres in and around cement plant premises. Year wise green belt details given below. 44% has been covered with green belt form the total area
xxii.	The project proponent shall provide for solar lights system for all common areas ,street lights, villages, parking around project area and maintain the same regularly	Solar lights has been provided for all common areas
xxiii.	The projects proponent shall provide for LED lights in their offices and residential areas.	LED lights will be provided the offices and residential areas.
xxiv.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants will be implemented.
xxv.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESR) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry regional office. Implementation of program shall be ensured accordingly in a time bound manner.	Project activities are not yet commenced. 5 % of the total cost of the project earmarked towards the Enterprise Social Commitment (ESR).
xxvi.	The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation,	Project activities are not yet commenced

S.No.	Specific conditions	Compliance status
	Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and local administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bangalore. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.	CSR Plan will be prepared.
xxvii.	Risk assessment study and Disaster Preparedness and Management Plan with a focus on Disaster Prevention along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	On site emergency plan has been prepared and implemented.
xxviii.	To educate the all the work places where dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.	Training and awareness programs will be conducted to educate worker.
xxix.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Temporary provision will be made for the housing of construction labor at the site with all necessary infrastructure facilities.

B. GENERAL CONDITIONS:-

S.No.	General conditions	Compliance status
i.	The project authorities must strictly adhere to the stipulations made by APPCB and the State Govt.	Stipulations made by APPCB and the State Govt will be strictly followed.

S.No.	General conditions	Compliance status
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the MoEFCC.	No further expansion or modification of the plant will be carried out without prior approval of the Ministry.
iii.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 & NOx is anticipated in consultation with SPCB. Data on ambient air quality & stack emissions shall be regularly submitted to this Ministry including its Regional Office at Chennai and SPCB/CPCB once in six months.	Four manual ambient air quality monitoring stations established based on meteorological conditions around the existing cement premises and Three continuous ambient air quality monitoring stations (CAAQMS) installed and connected to PCB server. Data on ambient air quality and stack emissions are being submitted to the Ministry including the Regional Office once in six months & APPCB monthly basis.
iv.	Industrial wastewater shall be properly collected treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May, 1933 and 31st December, 1993 or as amended from time to time .The treated wastewater shall be utilized for plantation purpose.	Cement manufacturing is dry process. No process wastewater is generated in cement manufacturing.
v.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods. Silencer enclosures etc. On all sources of noise generation .The ambient noise levels shall conform to the standards prescribed under Environmental (Protection Act 1935 Rules 1980 viz 75 dBA(day time) and 70 dBA night time.	The overall noise levels in and around the plant area will be kept well within the standards (85 dBA) by providing noise control measures. The ambient noise levels will be maintained to conform to the standards prescribed under Environmental (Protection Act 1935 Rules 1980 viz 75 dBA(day time) and 70 dBA night time.
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers will be done on a regular basis and records will be maintained as per the Factories Act.
vii.	The company shall develop rain water harvesting structure to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain Water Harvesting & recharge structures constructed at in & around the existing cement plant premises. All the storm water drains are connected to Rain Water Harvesting and recharge structures.

S.No.	General conditions	Compliance status
viii.	The project proponent shall also comply with all the environmental protection measures and safeguard recommended in the EIA/EMP report. Further, the company must undertake socio -economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	Project activities are not yet commenced. Environmental protection measures and safeguard recommended in the EIA/EMP report will be complied.
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the MoEFCC as well as the State Government. An implementation schedule for implement all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Chennai. The funds so provided shall not be diverted for any other purposes.	The funds earmarked for environmental protection will not be diverted for any other purposes.
x.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom and suggestion / representation, 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.	The Environment clearance letter has been uploaded in company website. http://www.mahacement.com/sustainability/environment/
xi.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their web site and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (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.	Last EC Compliance report October-22 to March -23 has been uploaded in company web site. http://www.mahacement.com/sustainability/environment/
xii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental	Six monthly EC compliance status report is being submitted.

S.No.	General conditions	Compliance status
	<p>conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF&CC, their respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore/ CPCB / SPCB shall monitor the stipulated conditions.</p>	
xiii.	<p>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&CC at Bangalore by e-mail.</p>	<p>Project activities are not yet commenced. Environmental statement in Form-V will be submitted in operation phase.</p>
xiv.	<p>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 Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http://envfor.nic.in This shall 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 Chennai</p>	<p>Advertisement was published in two newspapers on 11.11.2017.</p> <ol style="list-style-type: none"> 1. Eenadu - Telugu New Paper. 2. The New Indian Express - English.
xv.	<p>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.</p>	<p>Project activities are not yet commenced. Date of commencement of project activities will be informed.</p>