



File No: IA-J-11011/152/2008-IA-II(IND-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date **14/08/2025**



To,

M/s. RAIN CEMENTS LIMITED
34, Rain Center, Srinagar Colony,
Hyderabad , TELANGANA, , 500073
seetharamireddy@priyacement.com

Subject: Proposed expansion in Production Capacity of Clinker from 1.0 MTPA to 2.50 MTPA, Cement from 1.5 MTPA to 3.80 MTPA & WHRB Power Plant from 5.0 MW to 12.0 MW by M/s Rain Cements Limited (RCL), located at Ramapuram Village, Mellachervu Mandal, Suryapet District, Telangana –Grant of Environmental Clearance

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/TG/IND1/467947/2024 dated 27/05/2024 and ADS reply dated 05/05/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A1101TG5702870N
(ii) File No.	IA-J-11011/152/2008-IA-II(IND-I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(b) Cement plants ,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 1
(vii) Name of Project	Proposed expansion in Production Capacity of Clinker from 1.0 MTPA to 2.50 MTPA, Cement from 1.5 MTPA to 3.80 MTPA & WHRB Power Plant from 5.0 MW to 12.0 MW at Ramapuram Village, Mellachervu Mandal, Suryapet District, Telangana State of Rain Cements Limited (RCL)
(viii) Name of Company/Organization	RAIN CEMENTS LIMITED
(ix) Location of Project (District, State)	SURYAPET, TELANGANA
(x) Issuing Authority	MoEF&CC

(xi) Applicability of General Conditions as per EIA Notification, 2006 No

3. The proposed project activity is listed at schedule no. S. No. 3(b) Cement Plants under Category “A” of the schedule of the EIA Notification, 2006 and attracts general condition due to Inter State boundary - Andhra Pradesh & Telangana (~ 1.5 km in NE direction) and appraised at Central Level.

4. The instant Proposal was considered during the 61st meeting of the EAC for Industry-I sector held on 18th – 19th June, 2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at **Annexure-II**.

6. The Unit configuration and capacity of the proposed project is at **Annexure-III**.

7. The EAC, in its 61st meeting held during 18th -19th June, 2024, inter-alia, deliberated the following:

i. The instant proposal is for proposed expansion in Production Capacity of Clinker from 1.0 MTPA to 2.50 MTPA, Cement from 1.5 MTPA to 3.80 MTPA & WHRB power plant from 5.0 MW to 12 MW.

ii. The existing project was accorded environmental clearance vide letter.no. J-11011/152/2008-IA II (I) dated 27th October, 2010 in the name of by M/s. Rain Industries Ltd. Transfer of EC by “M/s Rain Industries Limited” to “M/s. Rain Cement limited” was granted vide letter no. J-11011/152/2008-IA II (I) dated 11.07.2023. Consent to Operate for the existing unit was accorded by Telangana State Pollution Control Board vide Ir. No. 240824829189 dated 15.03.2024. The validity of CTO is up to 31.10.2028.

iii. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

iv. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

v. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

vi. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations accordingly.

vii. Total project area is 109.75 ha. The total plant area is already under the possession of the company and has been converted for industrial purpose. No additional land is involved for expansion.

viii. Village Ramapuram is adjacent in NE of project site along with other sensitive areas within the study area of the project site. The EAC opined that proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.

ix. As reported, there are water bodies within the study area of the project site. The EAC opined that a robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.

x. The project is a part of inter-linked project with limestone Mine having existing production capacity of 1.6 Million TPA located at Revoor village, Mellachervu Mandal, Suryapet District, Telangana. Environmental Clearance for the mine has been obtained from MoEF&CC, New Delhi vide letter no. J-11015/152/2008-IA. II(M) dated 27thOct, 2010. To cater the limestone requirement after Expansion of Integrated Cement Plant from Environmental Clearance granted Capacity, a separate EC application for Limestone Mine with limestone production capacity from 1.6 to 3.94 Million TPA, Terms of Reference (ToR) letter for the limestone mine has been obtained from MoEF&CC, New delhi vide letter no. J-11015/152/2008-IA. II(M) dated 14thSeptember, 2022 and Proposed Shale Mine of proposed capacity 60,000 TPA, Terms of Reference (ToR) letter for the proposed shale mine has been obtained from SEIAA, Telangana vide letter no. SEIAA/TS/-OL/SRPT-43/2022 dated 23rd February, 2023. Public Hearing for Cement plant, Limestone mine and proposed shale mine was conducted on the same day 20thJan., 2024. Final EIA/EMP report for the expansion of cement plant submitted on PARIVESH portal on 31.03.2024 vide Proposal No. IA/TG/IND1/467947/2024 & MoEFCC File No.: No. IA-J-11011/152/2008-IA.II (I). Final EIA/EMP report for the expansion of limestone mine submitted on PARIVESH portal on 17.06.2024 vide Proposal No. IA/TG/MIN/481840/2024 & Single Window No.: SW/190517/2024 & is under examination. The EAC is of the view that PP shall obtain all the applicable permissions to enable raw material security for the expansion project.

xi. The water requirement after proposed expansion project is estimated as 2180 m3/day [Existing - 1280 m3/day, Proposed Expansion - 900 m3/day] which will be met existing mine pit sumps, existing bore wells and Krishna River. The EAC deliberated on the water requirement is of the opinion that PP shall obtain necessary permission from the Competent Authority in this regard.

xii. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and observed that PM2.5 and PM10 values are recorded on a higher side. The EAC opined that PP shall undertake stringent measures to minimise the levels of PM2.5 and PM10.

xiii. It is reported that 9 Schedule-I species were found within 10 km radius of the study area of the plant site during biological study which are Wild dog (*Cuon alpinus*), Indian fox (*Vulpes bengalensis*), Common India Krait (*Bungarus caeruleus*), Indian Chameleon (*Chameleon Zeylanicus*), Sand boa (*Eryx johnii*), Indian Monitor Lizard (*Varanus Bengalensis*), Indian cobra (*Naja naja*), Rat snake (*Ptyasmucosus*), viper (*Daboia russelii*). Wildlife conservation plan has been submitted to Govt., of Telangana, Forest department. The approval of the same is under process. The EAC opined that PP shall strictly comply with the recommendations made in the Wildlife Conservation Plan as per the approval.

xiv. The Committee also deliberated on the public hearing issues along with revised action plan submitted by the proponent to address the issues raised during the public hearing and found it satisfactory.

xv. The PP has submitted that existing green belt has been developed in 50.45 Ha area which is about 45.97 % of the existing plant area of 109.75 Ha with total sapling of 183695 no. of trees. The EAC deliberated on the greenbelt layout plan and is of the opinion that greenbelt shall be maintained as per the norms and as committed.

xvi. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.

xvii. The Committee deliberated on the certified compliance report along with ATR and is of the opinion that PP shall strictly comply with the non-complied conditions reported by IRO.

xviii. The EAC also deliberated on the written submission of the project proponent and found it satisfactory.

xix. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

xx. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA

Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

xxi. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

8. The EAC (Industry-1 Sector), in its 61th meeting held during 18th -19th June, 2024, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions.

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto, and accepts the recommendations of the Expert Appraisal Committee (Industry-1 Sector). The grant of EC is subject to the fulfilment of commitments made by the PP to secure all the permissions/ approvals/ consents from Central/ State Authorities, as may be required. The grant of EC does not create an obligation for authorities that handle issues related and relevant to construction and operation of the project under other independent procedures/ statutes, including the provisions stipulated in the Land Acquisition (R&R) Act, 2013. Accordingly, it is hereby decided to grant **Environment Clearance** for instant proposal of **M/s Rain Cements Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (**Annexure-I**)

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

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

12. 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.

13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

14. This issues with approval of the competent authority.

Dinesh Runiwal
Scientist 'F'/ Director
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Email: d.runiwal@gov.in

Copy To

1. The Secretary, Department of Environment, Government of Telangana, Hyderabad.
2. The Secretary, Department of Forests, Government of Telangana, Hyderabad.

3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, 3rd Floor, Room No. 309, Aranya Bhawan, Opp. RBI, Safiabab, Hyderabad – 500004

4. Chief Wildlife Warden, Govt. of Telangana Telangana Forest Department, Aranya Bhavan, Saifabad, Hyderabad - 500004

5. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.

6. **The Member Secretary, Telangana State Pollution Control Board, NH65, MRF Colony, RC Reddy Colony, Ramachandra Puram, Hyderabad 502032 - with a request to initiate action in line with the provisions of OM dated 14-01 2025**

7. Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi 110001

8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

9. The District Collector, Suryapet District, Government of Telangana.

10. Guard File/Monitoring File/Website/Record File/ Parivesh Portal

Dinesh Runiwal
Scientist 'F'/ Director

Annexure 1

Specific EC Conditions for (Cement Plants)

1. Specific

S. No	EC Conditions
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.3	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.4	Village Ramapuram is adjacent in NE of project site along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these

S. No	EC Conditions
	locations in its environmental monitoring programme.
1.5	As reported, there are water bodies within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
1.6	Total water requirement of 2180 m ³ /day [Existing - 1280 m ³ /day, Proposed Expansion - 900 m ³ /day] shall be met existing mine pit sumps, existing bore wells and Krishna River. PP shall obtain necessary permission from the Competent Authority in this regard.
1.7	The PP shall undertake stringent measures to minimise the levels of PM _{2.5} and PM ₁₀ .
1.8	Three tier Green Belt shall be maintained of the project area, as committed, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.9	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 5.7 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
1.10	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.
1.11	The PP shall strictly comply with the non-complied conditions reported by IRO.
1.12	The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
1.13	The PP shall instal detectors for CO gas at strategic locations inside the Plant.
1.14	The PP shall monitor the health of the soil in the vicinity of the Plant (5 km radius) periodically (once in a year) and submit the Report to IRO, MoEF&CC.
1.15	The PP shall undertake plantation, in compliance to MoEF&CC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in)
1.16	Necessary coordination shall be made with concerned SPCB to ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of

S. No	EC Conditions
	CTE.

Standard EC Conditions for (Cement plants)

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous and their no's.)
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
2.3	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for

S. No	EC Conditions
	better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.13	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.

3. Air Quality Monitoring And Preservation In Case Of Integrated Cement Plants

S. No	EC Conditions
3.1	Provide Low NO _x burners as primary measures and SCR /NSCR technologies as secondary measure to control NO _x emissions.

S. No	EC Conditions
3.2	The emission norms applicable for the cement plant shall be adhered to.
3.3	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
3.4	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.
3.5	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.
3.6	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
3.7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
4.2	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
4.3	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
4.4	Water meters shall be provided at the inlet to all unit processes in the steel plants.
4.5	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
4.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
4.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan

S. No	EC Conditions
	submitted in the EIA/EMP report.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
5.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
6.2	Provide LED lights in their offices and residential areas.

7. Energy Conservation Measures In Case Of Integrated Cement Plants

S. No	EC Conditions
7.1	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
7.2	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
7.3	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
7.4	Waste heat recovery system shall be provided for kiln and cooler.

8. Waste Management

S. No	EC Conditions
8.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
8.2	Kitchen waste shall be composted or converted to biogas for further use.
8.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be

S. No	EC Conditions
	submitted to the Ministry's Regional Office.
8.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
8.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.

9. Green Belt

S. No	EC Conditions
9.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
9.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
9.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
10.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.4	Occupational health surveillance of the workers shall be done on a regular basis and records

S. No	EC Conditions
	maintained.

11. Environment Management

S. No	EC Conditions
11.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
11.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
11.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

12. Miscellaneous

S. No	EC Conditions
12.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
12.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
12.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
12.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

S. No	EC Conditions
12.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
12.6	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
12.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
12.8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
12.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
12.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
12.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
12.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
12.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
12.17	Any appeal against this EC 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.

Details of the proposal are as per the EIA/EMP report

S. No.	Particulars	Details												
a.	Terms of Reference for undertaking EIA study	11th March, 2022												
b.	Period of baseline data collection	Post Monsoon Season (October, 2022 to December, 2022)												
c.	Date of Public Consultation	20th January 2024												
d.	Action plan to address the PH issues	Public Hearing and need based activities detail proposed are attached as Annexure IV .												
e.	Location of the project	located at Ramapuram Village, Mellachervu Mandal, Suryapet District, Telangana												
f.	Total land	The total plant area is 109.75 ha.												
g.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	The total plant area, 109.75Ha which is already under the possession of the company.												
h.	Existence of habitation & involvement of R&R, if any	<p>Plant Site: Colony is present in the plant.</p> <p>Study Area: Villages falling near to the plant site within 2 km of site is given below:</p> <table border="1"> <thead> <tr> <th>Habitation</th><th>Distance (km)</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Village Ramapuram</td><td>Adjacent</td><td>NE</td></tr> <tr> <td>Village Revoor</td><td>~1.5 km</td><td>South</td></tr> <tr> <td>Village Kappalakunla Tanda</td><td>~ 1.8 km</td><td>WSW</td></tr> </tbody> </table> <p>No R & R Activity involved as the expansion will be done within the existing plant premises.</p>	Habitation	Distance (km)	Direction	Village Ramapuram	Adjacent	NE	Village Revoor	~1.5 km	South	Village Kappalakunla Tanda	~ 1.8 km	WSW
Habitation	Distance (km)	Direction												
Village Ramapuram	Adjacent	NE												
Village Revoor	~1.5 km	South												
Village Kappalakunla Tanda	~ 1.8 km	WSW												
i.	Elevation of the project site	97 m to 121 m above mean sea level.												
j.	Involvement of Forest land if any.	No forest land involved.												
k.	Water body exists within the project site as	<p>Project site: None</p> <p>Study area: 12 water bodies fall within 10 km radius:</p> <table border="1"> <thead> <tr> <th>Water body</th><th>Distance (km)</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Canal</td><td>~2.75 Km</td><td>WSW</td></tr> </tbody> </table>	Water body	Distance (km)	Direction	Canal	~2.75 Km	WSW						
Water body	Distance (km)	Direction												
Canal	~2.75 Km	WSW												

S. No.	Particulars	Details		
	well as study area	Mellacheruvu Lake	~3.5 Km	WSW
		Mukteshwaram Branch Canal	~ 4.0 km	North
		10 Ganapavram lake	~ 5.5 Km	NNW
		Palleru River	~ 5.3 Km	NE
		Antra Ganga vagu	~ 6.85 km	NNE
		Yerravaramcheruvu	~ 7.5 Km	NNW
		Gundla Vagu	~7.85 Km	SSE
		Krishna River	~8.1 Km	ESE
		Choutupally Lake	~ 8.5 Km	WSW
		Mathangamma Pedda cheruvu	~ 9.0 km	NNE
		Redlakunta Branch Canal	~ 9.0 km	North
1.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil		
m.	Project cost	The Capital cost of the proposed expansion project is 379 Crores		
n.	EMP cost	EMP	Capital (Rs. in Crores)	Recurring (Rs. in Crores)
			42.00	2.15
o.	Employment opportunity	The employment generation from the proposed expansion is 300 (50 Regular & 250 Contractual).		
p.	Water and Power requirement	Total water requirement will be 2, 180 m3/day, Power – The total power requirement of the project shall be 35 MW.		
q.	CPA/SPA	The proposed project does not fall under CPA or SPA.		
r.	Details of inter-linked projects	Final Technical Presentation for the Interlinked project i.e. Expansion of Limestone Mine (IA/TG/MIN/481840/2024) has been done before EAC (Non-Coal Mine) on 22nd April, 2025 at Agenda Item No. 1.4. The project has been recommended for Grant of EC.		

Unit configuration and capacity

S. No.	Plant Equipment/ Facility	Existing facility as per EC dated 27 th Oct., 2010, transferred on 11.07.2023				Proposed Units	Final (Existing + Proposed)
		Total (A+B)	Implemented (A)	Un- implemented (B)	As per CTO		
		Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
1.	Clinker (Million TPA)	1.0	1.0	--	1.0	1.50	2.50
2.	Cement (OPC & PPC) (Million TPA)	1.50	1.50	--	1.50	2.30	3.80
3.	Waste Heat Recovery System (MW)*	--	--	--	5.0	7.0	12.0
*CTE has been obtained for 5 MW WHRB Power Plant vide Order No. 96/TSPCB/CFE/RO-NLG/HO/2014 dated 12.03.2017 & is under operation.							

Action plan as per MoEF&CC O.M. dated 30/09/2020

BUDGET WITH TIMELINE									
S. N o.	Particular s	Activities to be done	Unit of Measurement						Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
1	Skill Developm ent & training programm es	Providing industrial training programmes to Btech/Diploma holders	100 trainees / Covering all 5 villages	10	100 trainees / Covering all 5 villages	10	100 trainees / Covering all 5 villages	10	30
		Providing training to the ladies on stitching & sewing	Covering all 5 villages	10	Covering all 5 villages	10	Covering all 5 villages	10	30
		Providing Trainings on Computer repairs & Mobile phone repair works.	Covering all 5 villages	35	Covering all 5 villages	25	Covering all 5 villages	15	75
		Providing Trainings to the drivers on up gradation of latest vehicle driving skills	Covering all 5 villages	5	Covering all 5 villages	5	Covering all 5 villages	6	16
2	Rural & Infrastruct ure Developm ent	Construct a ‘Kalyana Mandapam’	1/ Village Rampuram	20	1 / Village Revuru	20	1 / Village Kappalakunta Tanda & Dubba Thanda	10	50
		Construction and maintenance of CC roads	Village Revuru	20	Village Ramapuram	20	Village Kappalakunta Tanda	15	55
		Construction of computer centers	1 center with the capacity 30 systems / Village Rampuram	20	1 center with the capacity 30 systems / Village Revuru& Dubba Thanda	20	1 center with the capacity 30 systems / Village Kappalakunta Tanda	20	60

BUDGET WITH TIMELINE									
S. N o.	Particular s	Activities to be done	Unit of Measurement						Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
		Construction of CBSE	01/ Village Ramapuram	15	-	-	-	-	15
3	Water Conservati on	Construction of Rainwater & Harvesting Structures	3 / Village Revuru& Dubba Thanda	2	3 / Village Rampuram	2	2 / Village Kappalakunta Tanda	2	6
4	Safe Drinking Water	Installation of RO filters in the Government / Municipal / other public schools, hospitals and Dispensaries in nearby villages	3 / Covering all 5 villages	4	3 / Covering all 6 villages	4	3 / Covering all 5 villages	4	12
5	Education	Strengthening of school infrastructure to create model school	2 / Village Revuru& Dubba Thanda	10	2 / Village Rampuram	10	2 / Village Kappalakunta Tanda	10	30
		Development of Smart classes/ e- classrooms for quality education	3 / Village Revuru& Dubba Thanda	8	3 / Village Rampuram	8	3 / Village Kappalakunta Tanda	8	24
		Providing Sports Kit to schools (cricket kit / Table Tennis / basketball / badminton kit etc)	4 / Covering all 5 villages	6	4 / Covering all 5 villages	6	4 / Covering all 5 villages	5	17
6	Health and sanitation	Construction of Primary health center and providing first aid kits in schools & community centers	4 / Village Revuru& Dubba Thanda	15	4 / Village Rampuram	15	4 / Village Kappalakunta Tanda	15	45
		Construction of Veterinary Hospital	-	-	1 / Village Rampuram	8	1 / Village Kappalakunta Tanda	7	15

BUDGET WITH TIMELINE									
S. No.	Particulars	Activities to be done	Unit of Measurement						Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
7	Plantation	Raising of Avenue Plantations and Plantations in Public/ Community Areas	1000 each in 3 villages	30	1000 each in 3 villages	30	1000 each in 3 villages	30	90
				200		190		180	
Grand Total									570

MODEL VILLAGE DEVELOPMENT PLAN (Village Ramapuram, Village Revoor & Village Kappalakunta Tanda)							
S. No .	Concerns raised during the Public Hearing	Physical activity to be done	Unit of Measurement				Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
1	Skill Development	Providing Trainings to farmers regarding New Technologies & Techniques in Irrigation, conservation of water & Soil, etc.	100 trainees / Village Ramapuram	10.00	100 trainees / Village Revoor	10.00	20.00
		Construction of Vocational training center for Self-employment oriented training in trades of - Sewing, Dress making, Computer, Beautician, House wiring, Carpentry & Plumbing	Village Ramapuram	5.00	Village Revoor	5.00	10.00
2	Rural & Infrastructure	Provision of Solar Panels in the Government / Municipal / other	20 / Village Ramapuram	5.00	20 / Village Kappalakunta Tanda	5.00	10.00

MODEL VILLAGE DEVELOPMENT PLAN (Village Ramapuram, Village Revoor & Village Kappalakunta Tanda)							
S. No.	Concerns raised during the Public Hearing	Physical activity to be done	Unit of Measurement				Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
	Development	public schools, hospitals and Dispensaries in nearby villages					
		Installation of Dustbins at schools, parks, hospitals & other places of worship & community centers	20 / Village Ramapuram	5.00	20 / Village Kappalakunta Tanda	3.00	8.00
		Construction of Public Libraries with reading room	2 / Village Ramapuram	5.00	2/ Village Kappalakunta Tanda	5.00	10.00
3	Drinking Water Supply	Construction and installation of handpumps	3 / Village Ramapuram	2.00	3 / Village Revoor	2.00	4.00
4	Education	Distribution of furniture in schools	3 / Village Ramapuram	6.00	3 / Village Revoor	6.00	12.00
		Providing Sports Kit to schools (cricket kit / Table Tennis / basketball / badminton kit etc)	2 / Village Ramapuram	6.00	2 / Village Kappalakunta Tanda	6.00	12.00
5	Health and sanitation	Construction of dispensary center and providing first aid kits in schools & community centers	1/ Village Ramapuram	2.00	2 / Village Kappalakunta Tanda	2.00	4.00
		Installation of various public boards & posters to create awareness regarding communicable diseases & public hygiene	5 / Village Ramapuram	5.00	5 / Village Kappalakunta Tanda	5.00	10.00
				51.00		49.00	

MODEL VILLAGE DEVELOPMENT PLAN (Village Ramapuram, Village Revoor & Village Kappalakunta Tanda)							
S. No .	Concerns raised during the Public Hearing	Physical activity to be done	Unit of Measurement				Tentative Budget (Rs. in lacs)
			1 st Year		2 nd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
Grand Total							100.00

