Chettinad cement
Pedagarlapadu Project

CCCPL/DACHEPALLI/ENV/2025
21st November, 2025

Inspector General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Vijayawada Green House Complex,
Gopalareddy Road, Vijayawada – 520010, Andhra Pradesh.

Sub: Submission of Six Monthly Environmental Clearance Compliance Status Report of 3.5 MTPA Cement Plant, 8 MW WHRB Power Plant and 2X50 MW Captive Power Plant of M/s. Chettinad Cement Corporation Private Limited located at Pedagarlapadu & Kesanupalli (V), Dachepalli (M), Guntur District, AP for the period of October 2024 to March 2025 - Reg.

Ref: 1. F. No. J-11011/421/2011-IA.II(I) Dated 24th February, 2015 (EC).
2. F. No. J-11011/421/2011-IA.II(I) Dated 27th October, 2020 (Name Change).

Dear Sir,

Reference with the Environmental Clearance cited above, we are herewith submitting six monthly compliance status report for the stipulated conditions in EC for the period of **April 2025 to September 2025** for 3.5 MTPA Cement Plant, 8 MW WHRB Power Plant and 2X50 MW Captive Power Plant of M/s Chettinad Cement Corporation Private Limited located at Pedagarlapadu & Kesanupalli (V), Dachepalli (M), Palnadu District, Andhra Pradesh.

This is for your information & records please.

Thanking you,

Yours faithfully,
For **Chettinad Cement Corporation Private Limited,**

Seetharamulu Ch

Joint President- Works (Unit Head)

CC: 1. Central Pollution Control Board, RD - Chennai
2. Andhra Pradesh Pollution Control Board, RO – Guntur.

Encl: A/a

Chettinad Cement Corporation Private Limited
Pedagarlapadu (Village), Dachepalli Mandal,
Guntur District, Andhra Pradesh - 522 437
GSTIN : 37AAACC3130A1ZI

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Chettinad Cement Corporation Private Limited
Regd. Office : 4th Floor, Chettinad Towers, 603,
Anna Salai, Chennai 600 006
CIN : U93090TN1962PLC004947

Chettinad Cement Corporation Private Limited

(Formerly Chettinad Cement Corporation Limited)

Pedagarlapadu & Kesanupalli (V),
Dachepalli (M), Guntur District, Andhra Pradesh – 522437

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Environmental Clearance F. N. J-11011/421/2011-IA.II (I) Dated 24th February, 2015

Six Monthly Compliance Report – April 2025 to September 2025

Sl. No.	Condition	Compliance Status
SPECIFIC CONDITIONS:		
i.	The expansion project shall comply with the new MOEF standards vide GSR 612 (E) dated 25.8.2014 with respect to particulate Matter, SO_2, NOx for Cement sector.	• We have installed Air Pollution Control Devices (APCD's) designed to achieve new emission standards vide GSR 612 (E) dated 25.8.2014 and we are complying with the standards. • Details of Air Pollution Control Devices installed are as follows: **Equipment** / **APCD** / **Qty** Kiln & Raw Mill / RABH / 1 No's Coal Mill / Bag House / 1 No's Clinker Cooler / ESP / 1 No's Cement Mill / Bag House / 1 No's LS P. Crusher / Bag Filter / 1 No's LS S. Crusher / Bag Filter / 1 No's Material Transfer Points / Bag Filters / 85+ No's • We have installed state of art **Pyro Redox Low NOx Calciner** technology at our pyro processing section to reduce NOx emissions below the prescribed standards. • Continuous Emission Monitoring System (CEMS) installed at Kiln & Raw Mill stack, Coal Mill stack, Clinker Cooler stack & Cement Mill stack. • Photographs of Major APCE's, CEMS installed & monitoring results are attached as **Annexure-1.** • Regular calibration of CEMS instruments are being carried out.
ii.	Continuous stack monitoring facilities to monitor gaseous emissions from the process stacks shall be provided. After expansion, limit of PM shall be controlled to meet prescribed standards by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/kiln and bag filters to coal mill and cement mill. Low NOx burners shall be provided to control NOx emissions. Regular calibration of the instruments must be ensured.	
iii.	All the pollution control devices/equipment in raw mill/kiln, kiln feeding system, clinker cooler, coal mill, cement mil, and cement silo, shall be interlocked so that in the event of the pollution control devices/systems not working, the respective unit(s) shutdown automatically.	Prescribed Interlocking system has been provided so that in the event of the pollution control devices/systems not working, the respective unit (s) shutdown automatically.
iv.	Proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and implemented as part of the integrated project.	• We have commissioned 20 MW Waste Heat Recovery Boiler Power Plant (WHRBPP) along with cement plant. • As part of WHR system, we have installed PH boiler at Preheater and AQC boiler at Clinker Cooler to capture the waste heat gases. • Further, these gases will move to the turbine and generates electricity from waste gases.

Sl. No.	Condition	Compliance Status
v.	The proponent shall provide an interlocking system to ensure that whenever the ESP is not in operation, the raw material feeder will automatically stop and restart only with the restart of ESP.	Interlocking system has been provided to ensure that whenever the ESP is not in operation, the raw material feeder will automatically stop and restart only with the restart of ESP.
vi.	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/code of practice issued by the CPCB in this regard shall be followed.	• Fugitive emission control measures like closed raw material sheds, closed conveying system, Bag filters at material transfer points, wind barrier along boundary, water spray along haul roads, internal CC roads & Regular road sweeping are in place. • Photos of various fugitive emission control measures implemented and the monitoring results are presented in **Annexure-2.**
vii.	Arsenic and Mercury shall be monitored periodically in emissions, ambient air and water.	• We are monitoring Arsenic and Mercury concentration periodically in ground water samples as per IS 10500-2012. • We are monitoring Arsenic in Ambient air as part of NAAQ's. • Once our CPP comes under operation, we will monitor Mercury in the emissions. • Reports of the same are being submitted to concerned authorities.
viii.	The coal storage yard shall be lined and covered.	• Construction of shed for storage of coal is completed. • Photograph of the same is attached as **Annexure-3.**
ix.	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 he regularly monitored.	• All raw material transport vehicles are reaching the plant premises with tarpaulin coverings. • Fly ash is being transported through closed container (Bouzers) only. • Separate truck parking area with Cement Concrete is established. • Vehicular emissions are monitored by regular pollution checks.
x.	Total fresh water requirement after the proposed expansion of the cement and captive power plant shall not exceed 2000 m3/day to be sourced from the groundwater and River Krishna. Prior permission shall be obtained from the competent authority for water drawl. A five year water management plan shall be made so as to achieve reduction in ground water withdrawal.	• Water requirement is met through Groundwater (Bore Wells). • Permission for withdrawal of 1800 KLD ground water has been obtained from PR&RD Dept., APWALTA vide order No. Lr. No: PRR05-11028(31)/40/2022-SLNA-GIS-CORD, dt.19/07/23. Applied for renewal of NOC dt. 17.03.2025 • Copy of permission letter is attached as **Annexure-4.**

Sl. No.	Condition	Compliance Status
xi.	Efforts shall be made to further reduce water consumption by using air cooler condensers. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge shall be adopted.	• Air Cooled Condensers are installed for WHRB power plant to reduce the water consumption. • No wastewater generation from Cement manufacturing process. • Domestic waste water generated is treated in Sewage Treatment Plant (STP) and treated water is being used for greenbelt development within the premises.
xii.	Efforts shall be made to make use of rain water harvested. 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 structure is developed in plant area. • Roof top rainwater recharging system is being developed in E-Type quarters in colony. • Rain water recharging structures developed at clinker silo area & admin Building area. • Rainwater harvesting Pit is developed at Mines. • Photos of same are enclosed as **Annexure-5.**
xiii.	Regular monitoring of influent and effluent, surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the state pollution control board or described under the environment(Protection) Act,1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to be Ministry's Regional Office at Chennai, SPCB and CPCB.	• Ground water samples from plant, mines and from nearby villages is being collected & analyzed as per 10500-2012 on quarterly basis. • No Effluent water is generated from cement manufacturing process. • Effluent water generated from WHRB being treated in N-Pit & analyzed by NABL approved 3rd party, confirming with APPCB standards. • Treated sewage water from STP is being analyzed by NABL approved 3rd party, confirming with prescribed as per APPCB. • Analysis results are attached as **Annexure-6**.
xiv.	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. Spent oil and batteries shall be sold to authorized recyclers/ reprocessors only.	• System is established to recycle and reuse the Bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices in to the process. • Used/waste Oil, Used grease generated is being used internally for lubrication purpose. • Used batteries are being disposed to authorized recyclers/ reprocessors only.

Sl. No.	Condition	Compliance Status
xv.	All the fly ash shall be utilized as per fly ash notification 1999 subsequently amended in 2003 and 2008. Efforts shall be made to use fly ash maximum in making Pozzolona Portland Cement (PPC). A detailed study on chemical composition of coal used particularly heavy metal and radio activity contents shall be carried out through a reputed institute and report shall be submitted to regional office of the Ministry at Chennai. Only after ascertaining its radioactive level shall fly ash be supplied for utilization in cement manufacturing.	• Captive Thermal Power Plant project activities are under commencement. • Once CPP comes under operation we will analyze the chemical composition of the coal with respect to heavy metals & radioactive elements.
xvi.	Efforts shall be made to use low-grade lime, more fly ash and solid waste in the cement manufacturing.	• Condition is duly noted and being complied. • Fly ash is being used in manufacturing of PPC. • We are utilizing solid wastes such as Hazardous & non-Hazardous wastes for co-processing during cement manufacturing.
xvii.	The proposed cement plant kiln shall be provided with a flexible fuel feeding system to enable use of hazardous wastes such as oil sludge, cut tyres, etc.	Our Cement kiln is designed with a flexible fuel feeding system for usage of various types of hazardous & non-hazardous wastes such as oil sludge, cut tyres, etc.
xviii.	The proponent shall examine and prepare a plan for utilization of high calorific wastes, distillation residues, refuse derived fuels, etc. as alternate fuels 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) A Rules,1986 and with necessary approvals.	• We have developed dedicated Pre-Processing & Co-processing facility with an investment of 21.07 crores. • We have obtained CFO for Pre-processing & Co-processing facility for handling of Hazardous Wastes, Non-Hazardous wastes; Rubber Wastes as a fuel in the Cement Plant Kiln • We are making necessary Purchase Order documents with respective agencies/ industries for long-term utilization of wastes.
xix.	As proposed, green belt over 33% of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	• Greenbelt development activity is being practiced with local/native species. We have developed greenbelt covering plant boundary, along internal road sides & in vacant places. • As of Sep-25, greenbelt is developed in an area of 108.34 Acres with 54759 saplings and complied with 33% area. • Further, we are focusing on improving density of saplings & replantation at low survival rate areas. • Photos showing greenbelt development are attached as **Annexure-7.**
xx.	All the recommendations made in the charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	CREP guidelines are being complied. Compliance status of the same is attached as **Annexure -8**.

Sl. No.	Condition	Compliance Status
xxi.	All the commitments made to the public during the Public Hearing / Public consultation meeting held on 05.03.2014 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to be Ministry's Regional Office at Bangalore.	• During Public hearing meeting held on 05.03.2014, most of the concerns raised for Job opportunities, environmental protection & infrastructure development in surrounding villages. • Job opportunities are given to the nearby villagers. • Environmental protection measures such as closed storage sheds, efficient Air Pollution Control Devices (APCD's), Bag filters at material transfer points, closed conveying systems etc. are provided to prevent the surrounding areas from Pollution. • Infrastructure development like Concrete approach roads has been made to protect the agricultural land located along the road from fugitive emission. • Other developmental measures are being taken based on the need in the phased manner.
xxii.	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, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation etc, activities in consultation with the local communities and 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.	• Detailed CSR plan was submitted along with EIA report (Chapter-8). • We are carrying out CSR activities with focus on Health, Education, sanitation and infrastructure development in nearby villages.

Sl. No.	Condition	Compliance Status
xxiii.	Risk Assessment and Disaster Management Plan with focus on Disaster Prevention and Safety shall 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.	Detailed risk assessment, emergency management & Disaster Management Plan are included in the EIA report which was submitted to the ministry.
xxiv.	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.	Provisions like sheds with necessary facilities like sanitation, drinking water, electricity & health care facilities have been made for the construction labors.
GENERAL CONDITIONS:		
i.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Condition is duly noted. Prior approval will obtained for any expansions & modifications.
ii.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM_{10}, $PM_{2.5}$, SO_2 and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bangalore and the SPCB/CPCB once in six months.	• Ambient air quality is being monitored for PM_{10}, $PM_{2.5}$, SO_2 and NO_2 parameters at 4 locations around plant boundary by engaging NABL approved third party laboratory. • Monitoring results are attached as **Annexure-9**. • Monitoring data on ambient air quality and stack emissions are being submitted to MOEFCC RO, CPCB & APPCB along with six monthly compliance reports.
iii.	Industrial wastewater shall be properly collected, treated so as to conform to be standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	• No wastewater generation is envisaged from Cement manufacturing activity. • Effluent water generated from WHRB is being treated in N-Pit, confirming with prescribed standards during operation of the WHRB. • The treated wastewater being utilized for dust suppression & road wetting activities.
iv.	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, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70dBA (night time).	• Source noise control measures are implemented by providing acoustic hoods, silencers, enclosures to high noise generating equipment. • Ambient noise levels are being monitored at plant boundary & nearby villages. • Ambient & Source noise levels monitoring results are attached as **Annexure-9**.

Sl. No.	Condition	Compliance Status
v.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	• Condition is duly noted & being complied. • Pre-employment health checkup of the employees & workers is being carried out mandatorily. • Periodical medical checkups for employees & workers are being carried our regularly and records of the same are being maintained.
vi.	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.	• Rain water harvesting structure developed in plant area. • Roof top rainwater recharging system is being developed in E-Type quarters in colony. • Rain water recharging structures developed at clinker silo area & admin Building area. • Rainwater harvesting Pit is developed at Mines. • Photos of same are enclosed as **Annexure-5**
vii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socioeconomic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	• All the environmental protection measures and safeguards recommended in the EIA/EMP report are being complied • We are undertaking socioeconomic development activities in the surrounding villages with focus on Health, Education and infrastructure development through our CSR programs.
viii.	Requisite amount 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. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bangalore. The funds so provided shall not be diverted for any other purpose.	• Required capital & recurring fund has been allocated to implement the conditions stipulated by MoEF&CC as well as APPCB. • All APCE's installed for controlling emissions. • Storage shed for limestone, Gypsum, Coal & additives are completed. • Greenbelt is being developed in phased manner. • Regular budget allocated for Environment protection measures covering AMC's, greenbelt, maintenance of analyzers etc. • The funds so allocated are not diverted for any other purpose.
ix.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla 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.	Condition is complied.

Sl. No.	Condition	Compliance Status
x.	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 SPCB. The criteria pollutant levels namely; PM10, PM2.5, 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.	• Status of compliance of the stipulated Environment Clearance conditions are being submitted on six monthly basis to RO of the MOEF&CC at Vijayawada, CPCB at Chennai and APPCB RO at Guntur. • We are also uploading the status of compliance of the stipulated Environment Clearance conditions in Parivesh Portal. • Copies of compliance reports along with monitoring reports are displayed in our company website. • Real time display of critical parameters is practiced by installing digital display board at Main gate. • Display Board Photographs are attached as **Annexure-10.**
xi.	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.	Compliance of the stipulated environmental conditions and results of monitored data are being submitted to RO of the MOEF&CC at Vijayawada, CPCB at Chennai and APPCB RO at Guntur on every six months.
xii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to be 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 email	Environmental Statement (Form-V) Report for the financial year 2024-25 has been submitted dated 27.09.2025 to APPCB & RO of the MOEF&CC at Vijayawada (by E-mail).

Sl. No.	Condition	Compliance Status
xiii.	The Project proponent shall inform the public that the project has been accorded environmental clearance of 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 and Forests at http://envfor.nic.in This shall be advertised within seven days from the date of issue of the clearance letter, at lease 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 should be forwarded to the Regional office at Bangalore.	EC accorded Advertisement given in the local newspaper (Telugu and English) which are presented in the **Annexure-11.** ➢ English – The Hindu dt.06.03.2015. ➢ Telugu – Eenadu (Guntur edition) dt 06.03.2015.
xiv.	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.	• Project Land development was commenced from Nov' 2016 after obtaining Consent for Establishment order from APPCB. • Renewal of Consent for Operation obtained from AP Pollution Control Board for 3.5 MTPA Cement, 3.32 MTPA of Clinker & 20 MW WHRB on 27.02.2024 valid up to 28.02.2029.

ANNEXURE-1

Major Air pollution control system installed at our plant such as RABH & ESP are designed to achieve the prescribed emission standards.

RABH for Kiln & Raw Mill

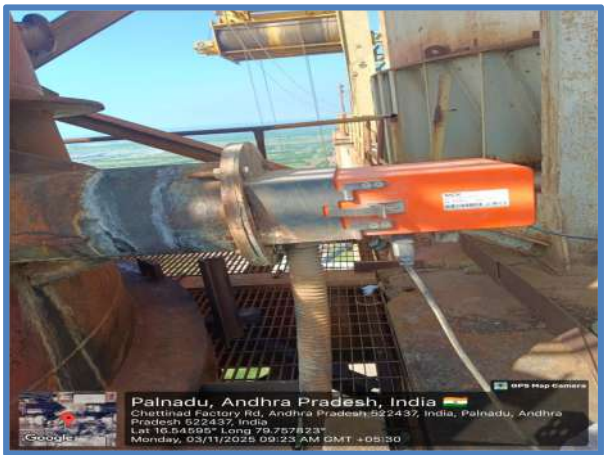
ESP for Clinker Cooler

Bag House for Coal Mill

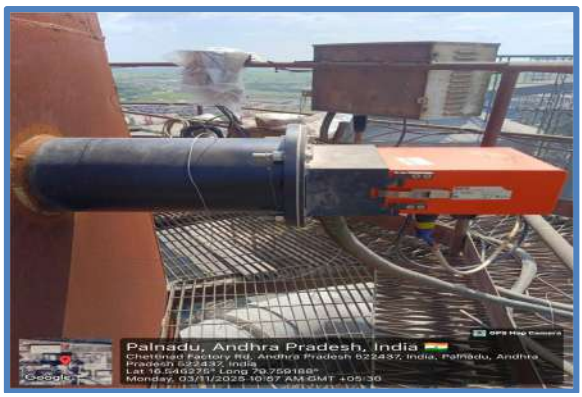
Bag House for Cement Mill

Continuous Emission Monitoring System (CEMS)

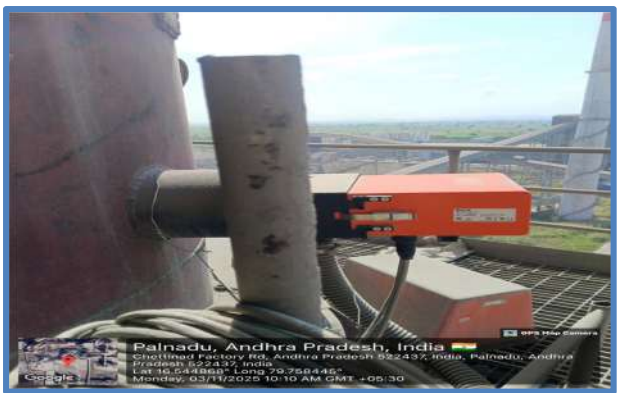

PM & Gaseous CEMS for Kiln & Raw Mill RABH Stack



PM CEMS for Coal Mill Bag House Stack



PM CEMS for Clinker Cooler ESP Stack



PM CEMS for Cement Mill Bag House Stack

Stack Emission Monitoring Results

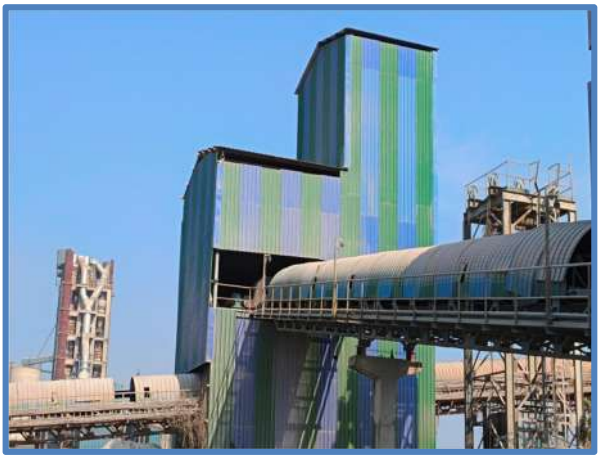
Sl. No.	Stack Attached to	Parameter	Standard mg/Nm^3	May-25	Jun-25
1	Kiln/Raw Mill	*PM*	*30*	11.8	12.1
		SO2	*100*	16.1	10.8
		NOx	*600*	248.0	228.8
2	Cooler ESP	*PM*	*30*	15.1	18.9
3	Coal Mill	*PM*	*30*	12.8	6.3
4	Cement Mill	*PM*	*30*	14.6	15.6
5	Crusher	*PM*	*30*	21.5	13.6

Sl. No.	Stack Attached to	Parameter	Standard mg/Nm3	Jul-25	Aug-25	Sep-25
1	Kiln/Raw Mill	*PM*	*30*	14.8	12.9	15.7
		SO2	*100*	11.1	11.4	10.2
		NOx	*600*	246.4	276.0	241.0
2	Cooler ESP	*PM*	*30*	14.2	21.5	12.9
3	Coal Mill	*PM*	*30*	9.7	10.3	11.8
4	Cement Mill	*PM*	*30*	12.9	13.8	12.7
5	Crusher	*PM*	*30*	15.4	13.6	12.4

ANNEXURE-2

Fugitive Emissions Control Measures

Provided adequate bag filters at different material transfer points with closed cladding for controlling emissions during material transfer.

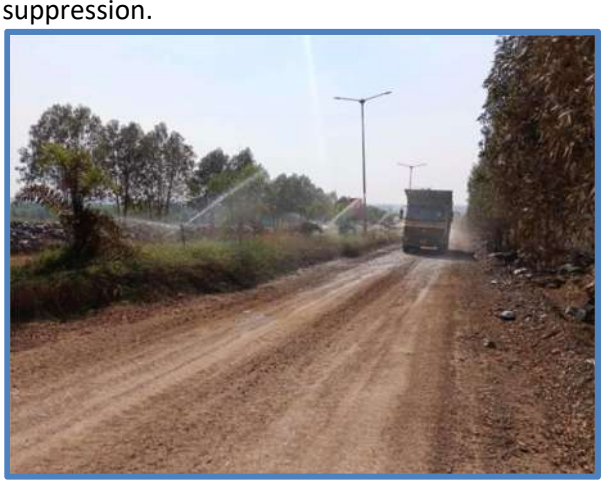



Bag filters with closed cladding provided at Hopper buildings & silo tops to avoid fugitive emission


Belt conveyors are covered with cladding to avoid emissions.


Constructed wind barrier of 1.7 kms length with 6 mtrs height along the boundary with an investment of around 3.0 cr in addition to the greenbelt developed along the boundary.


Automated Sprinkler system provided all along the Haul Road up to unloading point for effective Dust suppression.




Water sprinkling system & Rubber curtains provided at limestone crusher Hopper to suppress to dust while unloading the material.


Internal Roads with in the plant


Internal Roads with in the plant


Road sweeping machines are deployed to clean concrete roads.

Fugitive Emission Monitoring Results – (Apr'25 to June'25)

re Sustainability

TEST REPORT

CERTIFICATE NO.TC-14799

Page No's. 1 of 1

Issued to	M/s.Chettinad Cement Corporation Private Limited., Dachepalli Works.
ULR No	TC147992500000676F
Report No	HWMP/LAB/ENV/2501104
Date of Report	: 01.07.2025
Analysis Starting Date	: 23.06.2025
Analysis Completion Date	: 30.06.2025
Date of Sampling on	: 19.06.2025 to 21.06.2025
Sample Description	: Fugitive Emission Monitoring

TEST RESULTS

Sl. No's.	Locations	Parameters	Test Methods	Unit	Results	Limits
1.	Near Lime Stone Stock Pile	SPM	IS 5182 (Part 04)	µg/m³	754	5000
2.	Near Cement Mill	SPM	IS 5182 (Part 04)	µg/m³	662	5000
3.	Near Packing Plant	SPM	IS 5182 (Part 04)	µg/m³	824	5000
4.	Near Additives Yard	SPM	IS 5182 (Part 04)	µg/m³	366	5000
5.	Near Clinker Yard	SPM	IS 5182 (Part 04)	µg/m³	733	5000
6.	Near Coal Yard	SPM	IS 5182 (Part 04)	µg/m³	522	2000

Verified by
D. Sanjeeva Reddy
Assistant Manager

Authorized Signatory
K. Ravi Kumar
Technical Manager

End of Report

Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
Site Address:
TSDF at: Survey No. 684/1,
Dundigal - Gandimaisamma Muncipality,
Medchal - Malkajgiri Dist. - 500 043,
Telangana. India.

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
Registered Office:
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Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081, India.
CIN No. U74140TG1994PLC018833

Certificate No : 23EQK176 (ISO 9001 : 2015)
Certificate No : 23EEKA33 (ISO 14001 : 2015)
Certificate No : 23EOK087 (ISO 45001 : 2018)
MOEF Approved Laboratory
Ref.No: CPCB-HO/PVT/8190
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Fugitive Emission Monitoring Results – (Jul'25 to Sep'25)

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TEST REPORT

CERTIFICATE NO.TC-14799

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Issued to	M/s.Chettinad Cement Corporation Private Limited., Dachepalli Works.
ULR No	TC147992500001633F
Report No	HWMP/LAB/ENV/2502930
Date of Report	: 04.10.2025
Analysis Starting Date	: 01.10.2025
Analysis Completion Date	: 03.10.2025
Date of Sampling on	: 28.09.2025 to 30.09.2025
Sample Description	: Fugitive Emission Monitoring

TEST RESULTS

Sl. No's.	Locations	Parameters	Test Methods	Unit	Results	Limits
1.	Near Lime Stone Stock Pile	SPM	IS 5182 (Part 04)	µg/m³	739	5000
2.	Near Cement Mill	SPM	IS 5182 (Part 04)	µg/m³	674	5000
3.	Near Packing Plant	SPM	IS 5182 (Part 04)	µg/m³	838	5000
4.	Near Additives Yard	SPM	IS 5182 (Part 04)	µg/m³	371	5000
5.	Near Clinker Yard	SPM	IS 5182 (Part 04)	µg/m³	742	5000
6.	Near Coal Yard	SPM	IS 5182 (Part 04)	µg/m³	519	2000

Verified by
D. Sanjeeva Reddy
Assistant Manager

Authorized Signatory
K. Ravi Kumar
Technical Manager

End of Report

Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
Site Address:
TSDF at: Survey No. 684/1,
Dundigal - Gandimaisamma Muncipality,
Medchal - Malkajgiri Dist. - 500 043,
Telangana, India.

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081, India.
CIN No. U74140TG1994PLC018833

Certificate No : 238QK176 [ISO 9001 : 2015]
Certificate No : 238EKA93 [ISO 14001 : 2015]
Certificate No : 238OK087 [ISO 45001 : 2018]
MOEF Approved Laboratory
Ref No: CPCB-HO/PVT/1590
NABL Accredited Laboratory
[ISO/IEC 17025] Certificate No. TC-12024
T: +91 93936 44222
E: mbd_hwmp@resustainability.com
laboratoryhwmp@resustainability.com
resustainability.com

Provided dedicated closed sheds for Limestone, Gypsum, Additives & Silos for Clinker
Storing the raw materials in the sheds to avoid fugitive emissions

Closed Limestone Storage Shed

Closed Additive Storage Shed

Gypsum storage shed

Silo for Clinker Storage – 2 X 50,000 MT

ANNEXURE-3

Coal Storage Shed

Coal Storage Shed Construction Completed

ANNEXURE-4

1800 KLD Ground Water Withdrawal Permission

File No.PRR05-11028(31)/40/2022-SLNA-GIS-CORD

GOVERNMENT OF ANDHRAPRADESH
O/o THE COMMISSIONER, PANCHAYAT RAJ & RURAL DEVELOPMENT & ADMINISTRATOR, APWALTA
D.NO.12-47, PVS Empire, Pathuru Road, beside Reliance Digitals, Tadepalle Village, Guntur District -522501.

From:
Smt. A Surya Kumari, IAS,
Commissioner, PR&RD Dept.,
& Administrator, APWALTA,
Tadepalli, Guntur District,
Andhra Pradesh.

To,
M/s. Chettinad Cement Corporation Pvt Ltd,
Pedagarlapadu Village
Dachepalli Mandal,
Palnadu District.
(Mail Id: environdachepalli@chettinadcement.com)

Lr.No: PRR05-11028(31)/40/2022-SLNA-GIS-CORD,date:19/07/2023

Sir,

Sub:- AP- CRD - APWALTA – Renewal of NOC to M/s Chettinad Cement Corporation Pvt Ltd for withdrawal of 1800 KLD groundwater for their Cement Plant, WHRB & CTPP Operations located at Pedagarlapadu Village, Dachepalli Mandal, Palnadu District, A.P - Orders - Issued – Reg.

Ref:-
1. Lr.No. CCCPL/DACHEPALLI/ENV/2022, Dt.16.07.2022 of M/s Chettinad Cement Corporation Pvt Ltd.
2. This Office Lr. No. PRR05-11028(31)/40/2022-SLNA-GIS-CORD, dated:21/09/2022.
3. Lr.No. 264/Hg-II/2017, Dt.31.05.2023 received from theDirector, Ground Water and Water Audit Department.

***

Adverting to the subject and references cited above, based on the recommendations of the District Collector / District Magistrate and the Director, Ground Water and Water Audit Department, the Grant of Permission (NOC) is hereby accorded to M/s. Chettinad Cement Corporation Pvt Ltd for withdrawal of 1800 KLD groundwater for their Cement Plant, WHRB & CTPP Operations located at Pedagarlapadu Village, Dachepalli Mandal, Palnadu District, A.P.

The Grant of Permission (NOC) is issued to M/s. Chettinad Cement Corporation Pvt Ltd, subject to the implementation of the following terms and conditions

ANNEXURE-5

Rain Water Harvesting & Recharging Structures

Rain water harvesting structure developed in plant area

Rain water recharging structures

Clinker Silo Area

Colony Area

Admin Building Area

ANNEXURE-6

Treated Sewage (STP) Water Analysis Report

Sl. No.	Parameter	APPCB Standards	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	pH @ 25°C	*6.5-9.0*	7.54	7.05	7.32	7.50	7.05
2	Total Suspended Solids (TSS)	*<100 mg/L*	2.4	35.0	23.2	2.0	26.8
3	Oil and Grease	*10 mg/L*	<1.0	<1.0	<1.0	<1.0	<1.0
4	Biochemical Oxygen Demand (BOD)	*30 mg/L*	12	18	13.7	6.0	8.0
6	Fecal coliforms (FC)	*<1000 MPN/100mL*	39	80	105	110	93

Treated WHRB Outlet (Neutralization Pit) Water Analysis Report

Sl. No.	Parameter	APPCB Standards	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	pH @ 25°C	*5.5-9.0*	8.59	8.48	8.1	8.75	7.90
2	Total Suspended Solids (TSS)	*200 mg/L*	19.6	22.4	33.6	22.4	18.4
3	Oil and Grease	*10 mg/L*	<1.0	<1.0	<1.0	<1.0	<1.0
4	Temperature	--	--	28.0	26.0	28.0	27.0

Ground Water Quality (Requirement Limits as per IS 10500-2012)

Pre - Monsoon Season (Apr'25 - June'25)

Sl. No.	Parameter Name	UoM	IS 10500:2012	Loc-1	Loc-2	Loc-3	Loc-4	Loc-5	Loc-6
1	Colour	Hazen	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Turbidity	NTU	5.0	<0.1	4.8	<0.1	<0.1	1.0	<0.1
3	pH	---	6.5 - 8.5	7.14	7.76	7.07	6.98	7.40	7.05
4	Total Alkalinity as CaCO3	mg/L	600	306	244.8	479.4	357	112.2	367.2
5	Residual Free Chlorine as Cl, Max	mg/L	1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
6	Total Dissolved Solids at 180 C	mg/L	2000	1060	1030	1550	1202	340	1402
7	Chloride as Cl-	mg/L	1000	177.39	192.17	271.01	210.81	73.91	251.30
8	Fluoride as F-	mg/L	1.5	0.33	0.38	0.81	0.48	0.53	0.13
9	Sulphate as SO42-	mg/L	400	228	238	281	218	58.52	353.4
10	Sulphide as S2-	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
11	Nitrate as NO-3	mg/L	45	30.98	36.66	40.49	15.43	18.87	24.82
12	Calcium as Ca2+	mg/L	200	123	59.51	91.26	107.13	89.83	123.0
13	Magnesium as Mg2+	mg/L	100	21.65	26.46	26.46	28.86	19.24	26.46
14	Total Hardness as CaCO3	mg/L	600	396	257.4	336.6	386.1	128.7	415.8
15	Manganese as Mn	mg/L	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Copper as Cu	mg/L	1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
17	Iron as Fe	mg/L	1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
18	Arsenic as As	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
19	Cadmium as Cd	mg/L	0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
20	Lead as Pb	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
21	Zinc as Zn	mg/L	15	0.15	0.18	0.27	0.08	0.05	0.03
22	Total Chromium as Cr	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
23	Phenolic Compounds as C6H5OH	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
24	Barium as Ba	mg/L	0.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Selenium as Se	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Boron as B	mg/L	1.0	0.41	0.43	0.51	0.45	0.11	0.57
27	Aluminum as Al	mg/L	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
28	Cyanide as CN-	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
29	Nickel as Ni	mg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
30	E. Coli	P/A	Absent	Absent	Absent	Absent	Absent	Absent	Absent
31	Total Coliform	P/A	Absent	Absent	Absent	Absent	Absent	Absent	Absent
32	Odour	TON	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
33	Taste	FTN	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable

Loc-1: Mine Site, Loc-2: Plant Site, Loc-3: Pedagarlapadu,
Loc-4: Takkellapadu, Loc-5: Veerapuram, Loc-6: Kachavaram,

Ground Water Quality (Requirement Limits as per IS 10500-2012)

Monsoon Season (July'25 – Sep'25)

Sl. No.	Parameter Name	UoM	IS 10500:2012	Loc-1	Loc-2	Loc-3	Loc-4	Loc-5	Loc-6
1	Colour	Hazen	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Turbidity	NTU	5.0	<0.1	4.4	<0.1	<0.1	1.0	<0.1
3	pH	---	6.5 - 8.5	7.02	7.18	7.13	6.82	7.32	7.11
4	Total Alkalinity as CaCO3	mg/L	600	301	238	461	362	118.5	372.5
5	Residual Free Chlorine as Cl, Max	mg/L	1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
6	Total Dissolved Solids at 180 C	mg/L	2000	1040	1020	1520	1219	356	1428
7	Chloride as Cl-	mg/L	1000	171.29	189.23	264.02	215.16	74.13	248.04
8	Fluoride as F-	mg/L	1.5	0.31	0.32	0.79	0.43	0.51	0.11
9	Sulphate as SO42-	mg/L	400	227	231	278	215	54.12	317.15
10	Sulphide as S2-	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
11	Nitrate as NO-3	mg/L	45	29.16	35.17	38.12	14.15	19.16	22.78
12	Calcium as Ca2+	mg/L	200	118	56.4	88.4	102.10	84.81	120.0
13	Magnesium as Mg2+	mg/L	100	22.14	23.19	25.17	27.32	20.18	24.19
14	Total Hardness as CaCO3	mg/L	600	383	251.4	331.2	374.2	122.5	410.7
15	Manganese as Mn	mg/L	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Copper as Cu	mg/L	1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
17	Iron as Fe	mg/L	1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
18	Arsenic as As	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
19	Cadmium as Cd	mg/L	0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
20	Lead as Pb	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
21	Zinc as Zn	mg/L	15	0.15	0.18	0.27	0.08	0.05	0.03
22	Total Chromium as Cr	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
23	Phenolic Compounds as C6H5OH	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
24	Barium as Ba	mg/L	0.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Selenium as Se	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Boron as B	mg/L	1.0	0.41	0.43	0.51	0.45	0.11	0.57
27	Aluminum as Al	mg/L	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
28	Cyanide as CN-	mg/L	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
29	Nickel as Ni	mg/L	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
30	E. Coli	P/A	Absent	Absent	Absent	Absent	Absent	Absent	Absent
31	Total Coliform	P/A	Absent	Absent	Absent	Absent	Absent	Absent	Absent
32	Odour	TON	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
33	Taste	FTN	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable

Loc-1: Mine Site, Loc-2: Plant Site, Loc-3: Pedagarlapadu,
Loc-4: Takkellapadu, Loc-5: Veerapuram, Loc-6: Kachavaram,

ANNEXURE-7

Greenbelt Development

Year of Plantation	No's Saplings Planted	Area in Ha	Area in Acres
2017-18	4500	4.05	10.00
2018-19	2800	2.52	6.22
2019-20	3411	1.82	4.49
2020-21	2705	2.43	6.01
2021-22	24186	22.17	54.77
2022-23	6847	6.14	15.18
2023-24	3327	4.85	11.66
2024-25	4328	--	--
2025-26	2655	--	--
Total	**54759**	**43.98**	**108.34**
Survival Rate	**70%**		

Type of Saplings: Native

Neem (Azadirktha Indica),

Pacha Sunkesula, Konda Chintha (Peltophorum Pterocarpum)

Badam (Terminalia Catappa)

Turayi, Ravi

Seema Thangedu (Senna Ariculata)

Kanuga (Pongamia Pinneta)

Conacorpus (Dubai)

Silver Oak

Bignonia mega potanica

Spathodia

Mahagani

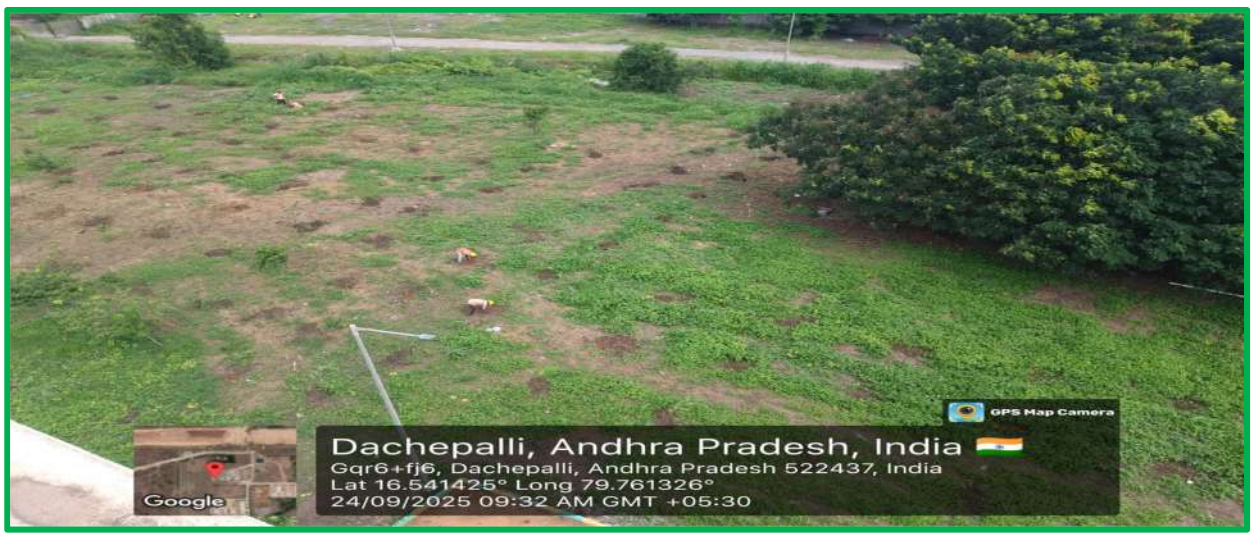
Tabubia gucosamine

Gulmohar (Delonix Regia)

Neradu


GPS Map Camera
Veerapuram, Andhra Pradesh, India
Gqr8+mg, Veerapuram, Andhra Pradesh 522414, India
Lat 16.542795° Long 79.764888°
21/07/2025 01:59 PM GMT +05:30
Google


GPS Map Camera
Palnadu, Andhra Pradesh, India
, Andhra Pradesh 522437, India, Palnadu, Andhra Pradesh 522437, India
Lat 16.544766° Long 79.750813°
08/08/2025 03:55 PM GMT +05:30
Google


GPS Map Camera
Dachepalli, Andhra Pradesh, India
Gqr6+fj6, Dachepalli, Andhra Pradesh 522437, India
Lat 16.541425° Long 79.761326°
24/09/2025 09:32 AM GMT +05:30
Google

Developed greenbelt along the plant boundary at most places and at various locations within the plant boundary






ANNEXURE-8

Charter on corporate responsibility for Environmental protection (CREP) (Cement Industry)

Sl. No.	Description of Condition	Status of Compliance
I.	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards. ▪ Augmentation of existing Air Pollution Control Devices - by July 2003. ▪ Replacement of existing APCD - by July 2004.	We have installed Air Pollution Control Devices (APCD's) designed to achieve new emission standards vide GSR 612 (E) dated 25.8.2014 and we are complying with the standards.
II.	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 mg/Nm3 limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm3.	We are complying with Particulate Matter emission standards of 30 mg/Nm^3 to achieve new emission standards vide GSR 612 (E) dated 25.8.2014.
III.	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f 01.04.2003 will meet the limit of 50 mg/Nm3 for particulate matter emissions.	We are complying with Particulate Matter emission standards of 30 mg/Nm^3 to achieve new emission standards vide GSR 612 (E) dated 25.8.2014.
IV.	CPCB will evolve load-based standards by December 2003.	Noted.
V.	CPCB and NCBM will evolve SO2 and NOx emission standards by June 2004.	Noted.
VI.	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions form limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	Fugitive emissions are controlled by establishing closed raw material sheds, closed conveying system; Bag filters at material transfer points, internal CC roads & Water sprinkling on roads.
VII.	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln by July 2003.	Noted.
VIII.	After performance evaluation of various types of continuous monitoring equipment and feedback form the industries and equipment manufacturers, NTF will decide feasible unit operations/ sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003	Continuous Emission Monitoring System (CEMS) installed for our Kiln & Raw Mill stack, Coal Mill stack, Clinker Cooler stack & Cement Mill stack and connected to APPCB & CPCB websites.
IX.	Tripping in kiln ESP to be minimized by July 2003 as per the recommendations of NTF.	This condition may not applicable to us as we are having Reverse Air Bag House for Kiln as APCD. No trappings were observed at Clinker Cooler ESP.
X.	Industries will submit the target date to enhance the utilization of waste material by April, 2003.	We have developed dedicated Co-processing & Pre-Processing facility with an investment of 21.07 crores. We have obtained CFO for Co-processing & Pre-Processing facility for utilization of high calorific wastes as AFR and being used.
XI.	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	Noted.
XII.	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003. *Noncomplying units shall give bank guarantee to respective SPCB's.	We are having 20 MW Waste Heat Recovery Boiler Power Plant.

ANNEXURE-9

Ambient Air Quality Monitoring Data

Particulate Matter Less than 10 Microns (PM_{10}) - µg/m^3

Sl. No.	AAQ Location	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	Near Plant Main Gate	53.7	47.3	42.8	42.1	45.4
2	North West Corner (Store Backside)	67.8	75.3	81.3	81.7	68.2
3	Near CAAQMS Downwind (Project Office)	49.2	60.2	76.9	71.2	59.8
4	Near CAAQMS Upwind (Security Barracks)	44.1	58.4	43.1	51.3	48.3
NAAQMS:2009 Standards:		100 µg/m^3				

Particulate Matter Less than 2.5 Microns ($PM_{2.5}$) - µg/m^3

Sl. No.	AAQ Location	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	Near Plant Main Gate	26.4	20.6	21.3	18.5	17.1
2	North West Corner (Store Backside)	29.0	32.9	26.8	35.2	32.4
3	Near CAAQMS Downwind (Project Office)	19.6	32.3	29.7	29.7	27.6
4	Near CAAQMS Upwind (Security Barracks)	16.0	24.7	23.6	27.5	16.8
NAAQMS:2009 Standards:		60 µg/m^3				

Sulphur Dioxide (SO_2) - µg/m^3

Sl. No.	AAQ Location	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	Near Plant Main Gate	10.3	9.2	8.6	8.8	7.3
2	North West Corner (Store Backside)	9.3	11.6	10.3	10.6	8.6
3	Near CAAQMS Downwind (Project Office)	8.7	12.4	11.4	14.2	11.3
4	Near CAAQMS Upwind (Security Barracks)	9.2	7.3	7.1	6.3	8.4
NAAQMS:2009 Standards:		80 µg/m^3				

Nitrogen Dioxide (NO_2) - µg/m^3

Sl. No.	AAQ Location	May-25	Jun-25	Jul-25	Aug-25	Sep-25
1	Near Plant Main Gate	18.8	16.3	19.4	21.3	22.4
2	North West Corner (Store Backside)	21.2	26.1	20.5	26.1	26.7
3	Near CAAQMS Downwind (Project Office)	16.4	20.1	29.6	30.5	28.1
4	Near CAAQMS Upwind (Security Barracks)	19.8	17.5	28.1	22.6	30.5
NAAQMS:2009 Standards:		80 µg/m^3				

Ambient Noise Monitoring Data

Sl. No.	Parameter	May-25		Jun-25	
		Day	Night	Day	Night
	Standards	*75 dB(A)*	*70 dB(A)*	*75 dB(A)*	*70 dB(A)*
1	Time Office Area	61.2	54.3	64.9	58.1
2	Admin Building Area	55.0	50.1	53.4	49.3
3	Colony D-Type Area	53.7	47.2	53.0	45.8
4	Dormitory Area	45.9	42.7	50.6	46.4

Sl. No.	Parameter	Jul-25		Aug-25		Sep-25	
		Day	Night	Day	Night	Day	Night
	Standards	*75 dB(A)*	*70 dB(A)*	*75 dB(A)*	*70 dB(A)*	*75 dB(A)*	*70 dB(A)*
1	Time Office Area	61.5	56.7	60.8	55.3	55.3	48.2
2	Admin Building Area	52.3	47.1	55.0	48.8	51.2	46.8
3	Colony D-Type Area	52.4	43.6	54.7	47.1	52.5	49.0
4	Dormitory Area	49.8	44.4	51.8	45.9	58.7	42.4

Work Zone Noise Monitoring Data (Apr'25 - Jun'25)

TEST REPORT

CERTIFICATE NO.TC-14799

Page No's.1 of 1

Issued to	M/s. Chettinad Cement Corporation Private Limited., Dachepalli Works.
ULR No	TC147992500000676F
Report No	HWMP/LAB/ENV/2501104
Date of Report	: 01.07.2025
Analysis Starting Date	: 23.06.2025
Analysis Completion Date	: 30.06.2025
Date of Sampling on	: 21.06.2025
Sample Description	: Source Noise Levels Measurement

TEST RESULTS FOR NOISE LEVEL MEASUREMENT

Sl. No's.	Reg. No's.	Locations	Unit	Noise Level in dB(A)	Limits
1.	SNM- 252261	Near Kiln Area	dB(A) - Leq	77.3	85 dB(A)
2.	SNM- 252262	Near Cooler Fans Area	dB(A) - Leq	78.6	
3.	SNM- 252263	Near Coal Mill Area	dB(A) - Leq	81.5	
4.	SNM- 252264	Near Coal Mill Compressor Area	dB(A) - Leq	80.3	
5.	SNM- 252265	Near Cement Mill Area	dB(A) - Leq	74.4	
6.	SNM- 252266	Near Cement Mill Compressor Area	dB(A) - Leq	80.8	
7.	SNM- 252267	Central Control Room	dB(A) - Leq	73.5	
8.	SNM- 252268	Near Raw Mill / Preheater Area	dB(A) - Leq	79.8	

- Opinion and interpretation: Nil
- Reports pertained only to the collected samples when monitoring
- Test reports shall not be reproduced except in full, without written approval of the Laboratory
- Noise Meter: Sl. No:1012918, HTC, Model No:1350, Calibration date 06.02.2025, due date:.05.02.2026

Verified by
D. Sanjeeva Reddy
Assistant Manager

Authorized Signatory
K. Ravi Kumar
Technical Manager

End of Report

Certificate No : 230GK176 [ISO 9001 : 2015]
Certificate No : 230EKA93 [ISO 14001 : 2015]
Certificate No : 230OKE87 [ISO 45001 : 2018]
MOEF Approved Laboratory
Ref.No: CPCB-HO/PVT/1590
NABL Accredited Laboratory
[ISO/IEC 17025] Certificate No. TC-12024

Hyderabad Waste Management Project
[A Division of Re Sustainability Limited]
Site Address:
TSDF at: Survey No. 684/1,
Dundigal - Gandimaisamma Muncipality,
Medchal - Malkajgiri Dist. - 500 043,
Telangana, India.

Re Sustainability Limited
[formerly known as Ramky Enviro Engineers Limited]
Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081, India.
CIN No. U74140TG1994PLC018833

T: +91 93936 44222
E: mbd_hwmp@resustainability.com
laboratoryhwmp@resustainability.com
resustainability.com

Work Zone Noise Monitoring Data (July'25 - Sep'25)

Sustainability

TEST REPORT

CERTIFICATE NO.TC-14799

Page No's.1 of 1

Issued to	M/s. Chettinad Cement Corporation Private Limited., Dachepalli Works.
ULR No	TC147992500001632F
Report No	HWMP/LAB/ENV/2502929
Date of Report	: 03.10.2025
Analysis Starting Date	: 01.10.2025
Analysis Completion Date	: 02.10.2025
Date of Sampling on	: 29.09.2025
Sample Description	: Source Noise Levels Measurement

TEST RESULTS FOR NOISE LEVEL MEASUREMENT

Sl. No's.	Reg. No's.	Locations	Unit	Noise Level in dB(A)	Limits
1.	SNM- 253507/1	Near Kiln Area	dB(A) - Leq	76.9	85 dB(A)
2.	SNM- 253507/2	Near Cooler Fans Area	dB(A) - Leq	77.6	
3.	SNM- 253507/3	Near Coal Mill Area	dB(A) - Leq	80.4	
4.	SNM- 253507/4	Near Coal Mill Compressor Area	dB(A) - Leq	80.9	
5.	SNM- 253507/5	Near Cement Mill Area	dB(A) - Leq	73.7	
6.	SNM- 253507/6	Near Cement Mill Compressor Area	dB(A) - Leq	81.5	
7.	SNM-253507/7	Central Control Room	dB(A) - Leq	72.6	
8.	SNM- 253507/8	Near Raw Mill / Preheater Area	dB(A) - Leq	78.7	

- Opinion and interpretation: Nil
- Reports pertained only to the collected samples when monitoring
- Test reports shall not be reproduced except in full, without written approval of the Laboratory
- Noise Meter: Sl. No:1012918, HTC, Model No:1350, Calibration date 06.02.2025, due date:.05.02.2026

Verified by
D. Sanjeeva Reddy
Assistant Manager

Authorized Signatory
K. Ravi Kumar
Technical Manager

End of Report

Certificate No : 23EQA376 [ISO 9001 : 2015]
Certificate No : 23EEKA03 [ISO 14001 : 2015]
Certificate No : 23EOHE87 [ISO 45001 : 2018]
MOEF Approved Laboratory
Ref No: CPCB-HO/PVT/1560
NABL Accredited Laboratory
[ISO/IEC 17025] Certificate No. TC-12024

Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
Site Address:
TSDF at: Survey No. 684/1,
Dundigal - Gandimaisamma Muncipality,
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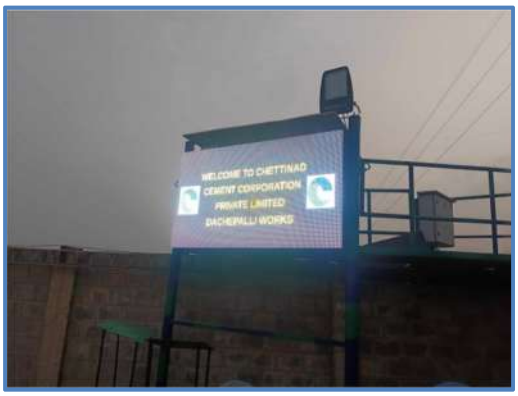
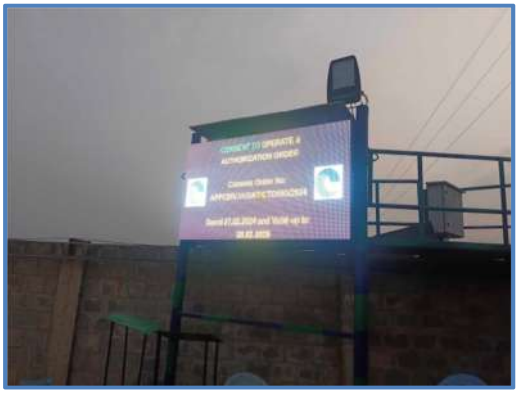
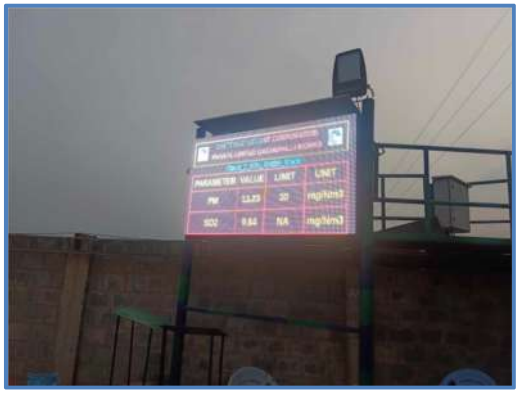
ANNEXURE-10

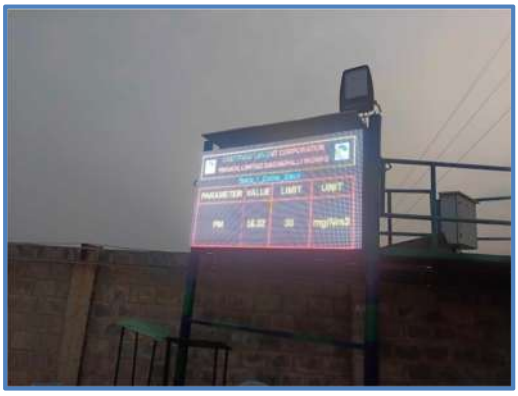
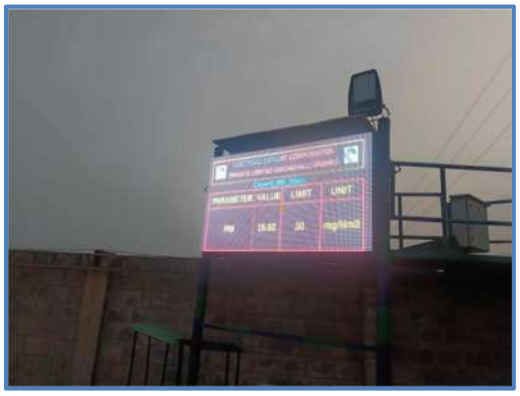
Digital Display Board Provided at Main Gate

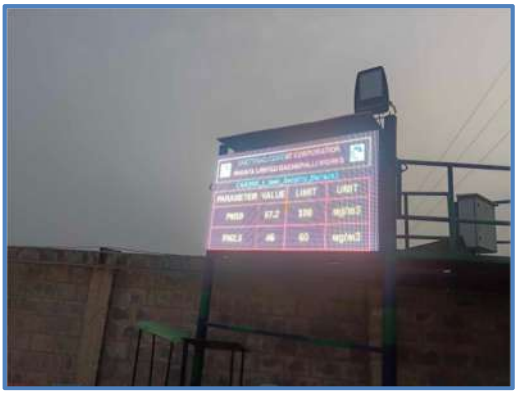
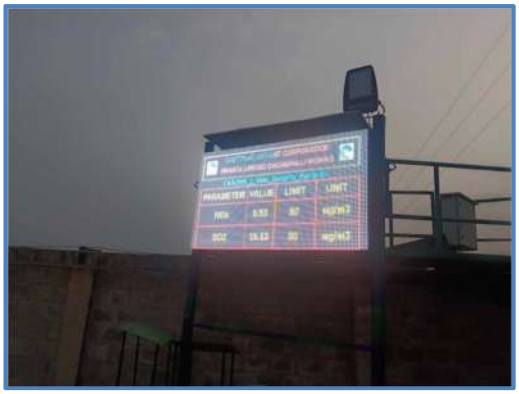
Digital display board provided at publicly visible place at the main entrance


Displaying of CFO order

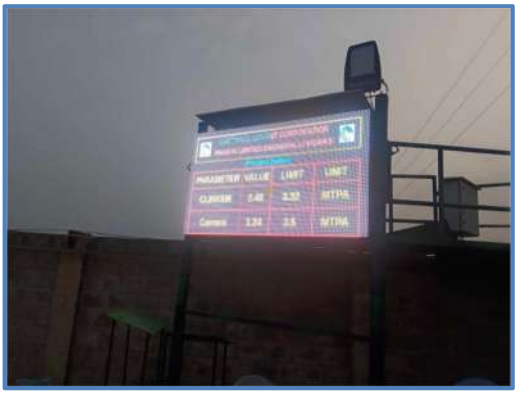
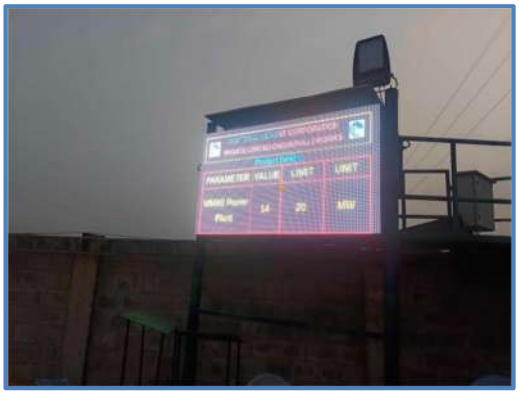

Displaying of Stack emission

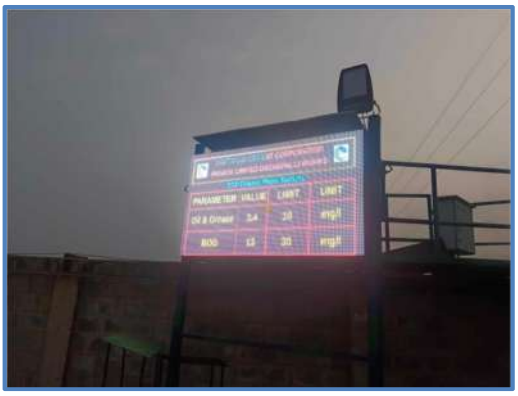
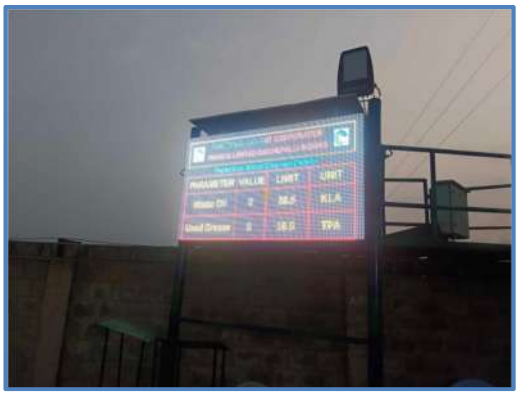
Displaying of Stack CEMS emission details

Displaying of CAAQM emission details

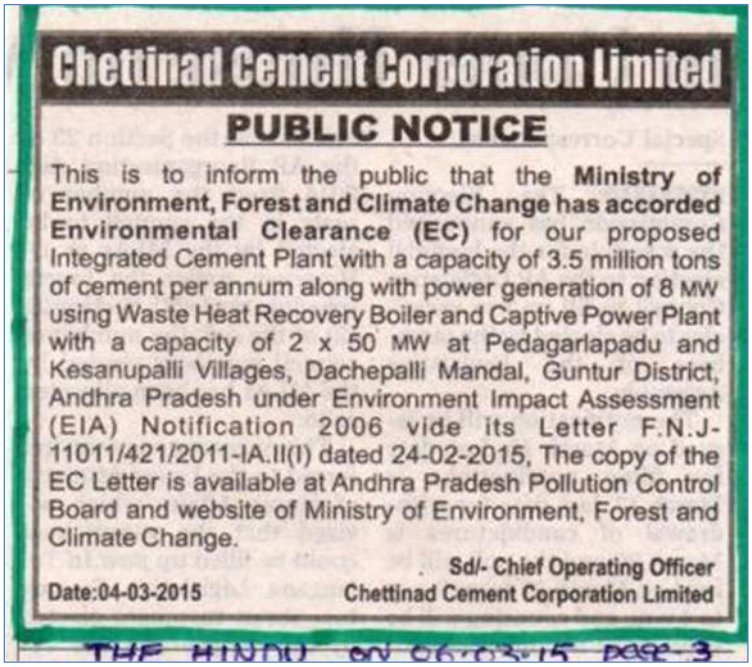
Displaying of Production details

Displaying of Treated effluent results & hazardous waste details

ANNEXURE-11

EC accorded advertisement in News Papers



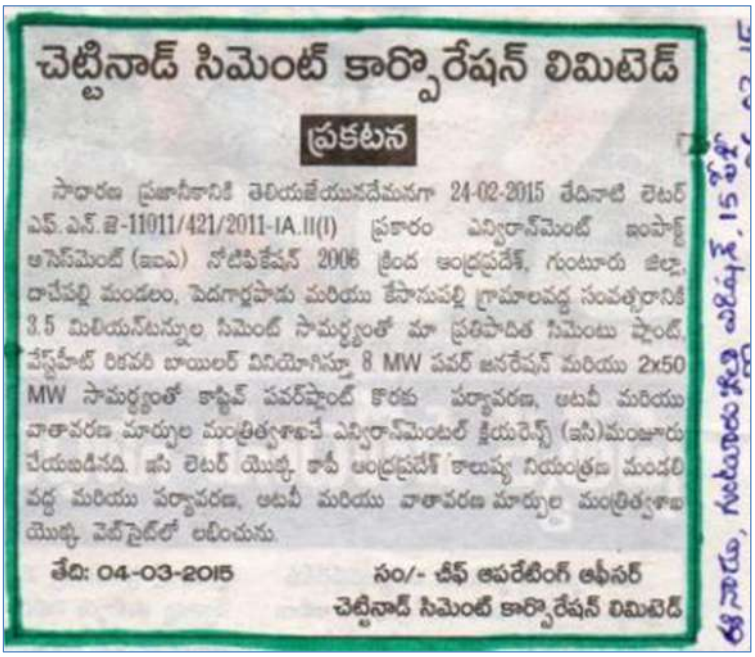
Chettinad Cement Corporation Limited

PUBLIC NOTICE

This is to inform the public that the **Ministry of Environment, Forest and Climate Change has accorded Environmental Clearance (EC)** for our proposed Integrated Cement Plant with a capacity of 3.5 million tons of cement per annum along with power generation of 8 MW using Waste Heat Recovery Boiler and Captive Power Plant with a capacity of 2 x 50 MW at Pedagarlapadu and Kesanupalli Villages, Dachepalli Mandal, Guntur District, Andhra Pradesh under Environment Impact Assessment (EIA) Notification 2006 vide its Letter F.N.J-11011/421/2011-IA.II(I) dated 24-02-2015, The copy of the EC Letter is available at Andhra Pradesh Pollution Control Board and website of Ministry of Environment, Forest and Climate Change.

Sd/- Chief Operating Officer
Date:04-03-2015 Chettinad Cement Corporation Limited

THE HINDU on 06.03.15 Page-3



చెట్టినాడ్ సిమెంట్ కార్పొరేషన్ లిమిటెడ్

ప్రకటన

సాధారణ ప్రజానీకానికి తెలియజేయునదేమనగా 24-02-2015 తేదినాటి లెటర్ ఎఫ్.ఎన్.జె-11011/421/2011-IA.II(I) ప్రకారం ఎన్విరాన్‌మెంట్ ఇంపాక్ట్ అసెస్‌మెంట్ (ఇఐఎ) నోటిఫికేషన్ 2006 క్రింద ఆంధ్రప్రదేశ్, గుంటూరు జిల్లా, దాచేపల్లి మండలం, పెదగార్లపాడు మరియు కేసానుపల్లి గ్రామాలవద్ద సంవత్సరానికి 3.5 మిలియన్‌టన్నుల సిమెంట్ సామర్థ్యంతో మా ప్రతిపాదిత సిమెంటు ప్లాంట్, వేస్ట్‌హీట్ రికవరి బాయిలర్ వినియోగిస్తూ 8 MW పవర్ జనరేషన్ మరియు 2x50 MW సామర్థ్యంతో కాప్టివ్ పవర్‌ప్లాంట్ కొరకు పర్యావరణ, అటవీ మరియు వాతావరణ మార్పుల మంత్రిత్వశాఖచే ఎన్విరాన్‌మెంటల్ క్లియరెన్స్ (ఇసి)మంజూరు చేయబడినది. ఇసి లెటర్ యొక్క కాపీ ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలి వద్ద మరియు పర్యావరణ, అటవీ మరియు వాతావరణ మార్పుల మంత్రిత్వశాఖ యొక్క వెబ్‌సైట్‌లో ఉంచబడినది.

తేదీ: 04-03-2015 సం/- చీఫ్ ఆపరేటింగ్ ఆఫీసర్
చెట్టినాడ్ సిమెంట్ కార్పొరేషన్ లిమిటెడ్

***