



Chettinad Cement, KW, TN/ Cement Plant, CPP & SN Mines /Six Monthly Report /
Oct'25-Mar'26 / EHS-046
25th May, 2026

Regional Office (SEZ)

MoEF & CC, Government of India,

No.34, HEPC Campus, Cathedral Garden Road,
Nungambakkam, Chennai – 600 034

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Dear Sir,

Subject : Submission of Six Monthly (October'2025 to March'2026) Compliance Report of Environment Clearance for Cement Plant, Captive Power Plant and Seethai Nagar Limestone mines of Chettinad Cement Corporation Private Limited, located at Karikkali Village, Guziliamparai Taluk, Dindigul District, Tamil Nadu – 624703

Reference : Environmental Clearance F.No.J-11011/518/2009-1A 11(i) dated 02.08.2010

* * * * *

We hereby submit the **Six Monthly Compliance report (October'2025 to March'2026)** of above referred Environmental clearance pertaining to our “**Cement Plant-4.5 million tons per annum, Captive Power Plant-48 MWH and Seethai Nagar Limestone Mines-4.5 million tons per annum** located at Karikkali Village, Guziliamparai Taluk, Dindigul District, Tamil Nadu-624703.

Thanking you

Yours faithfully

for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

V.KRISHNAN

JOINT PRESIDENT [WORKS]



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CHETTIAND CEMENT CORPORATION PRIVATE LIMITED

Cement Plant, Captive Power Plant & Seethai Nagar Limestone Mine

Dindigul District, Tamil Nadu

Six Monthly Compliance Report (October'25 – March'26)

[Cement Plant 4.5 million tons per annum, Captive Power Plant 48 MW/hr & Seethai Nagar Limestone Mine from 4.5 million tons per annum]

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Chettinad Cement Corporation Private Limited

Karikkali Village, Dindigul District, Tamil Nadu

Cement Plant, Captive Power Plant & Seethai Nagar Limestone Mine

Status of compliance Stipulated in Environmental Clearance

(For the Period of October'2025 to March'2026)

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

Present Status of Project : 1. Cement Plant : Expansion (4.5mtpa) Completed & Commissioned on July'2011
2. Captive Power Plant : Expansion (48mw) Completed & Commissioned on July'2011
3. Seethai Nagar Mines : Expansion (4.5mtpa) Completed & Commissioned on Jan'2013

A. Specific Conditions

S. No	Specific Condition	Compliance Status
1.	The company shall comply with the condition stipulated in the environmental clearance Letter No.J-11011/11/2008-1A-11(I) dated 15.10.2008	Compliance with the conditions stipulated in the Environmental Clearance referred is Complied
2.	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of Particulate emissions shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system and energy efficient technology.	Complied The continuous stack monitoring system to monitor gaseous emissions (SO₂ and NO_x) and dust (PM) has been provided and the concentrations of pollutants are being controlled by providing the following appropriate control measures to ensure compliance with prescribed norms. a. Bag House for Raw Mill/kiln-1 and 2, Coal Mill-1 and 2, Cement Mill -1,2 and3 b. Low Nox burners for Pyro process c. Electrostatic Precipitators for Clinker Coolers d. As sulphur is getting converted into its compounds during the process of formation of clinker in the Kiln, the emission of SO₂ is under control as stated. e. Bag Filters for Limestone crushers at mines Latest stack emission survey conducted by TNPCB on 11.03.2026 and 12.03.2026 and ROA of the reports reveals that the emission from the all stacks are PM in the range of 13mg/Nm³ to 24mg/Nm³ which is below the prescribed limit of 30mg/Nm³. SO₂ in the range of 05 mg/Nm³ to 14 mg/Nm³ which is below the prescribed limit of 100mg/Nm³ and NO_x in the range of 12mg/Nm³ to 270mg/Nm³ which is

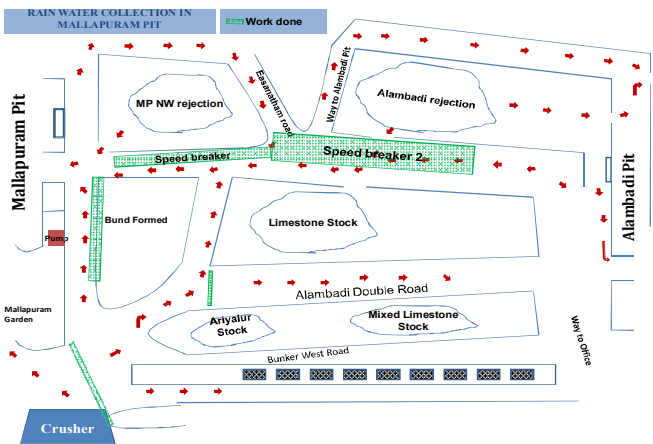
S. No	Specific Condition	Compliance Status
		<i>below the prescribed limit of 800mg/Nm³</i> <i>Manual monitoring is also carried out through external agency on monthly basis and ROA of the results reveals that emission values are maintaining below norms prescribed by MoEF /CPCB /TNPCB.</i> <i>The consolidated manual stack emission monitoring reports (October25 to March26) are enclosed vide Annexure 2 and 3</i>
3.	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery Boiler (WHRB) and a feasibility report should be prepared and submitted to the Ministry and its Regional office at Bangalore within 3 months from the date of issue of this letter	<i>Complied with</i> <i>We obtained CTE to install 20MWH Power Plant through Waste Heat Recovery Plant (WHRB). CTE Erection work under progress, it will be expected to commission on or before 31st December 2026.</i> <i>CTE no. 2506167498849 (water act) & 2506267498849 (Air act) dated 21.07.2025</i>
4.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R .No. 826 (E) dated 16 th November, 2009 should be followed.	<i>Complied</i> <i>The Ambient Air Quality (AAQ) manual monitoring is conducting at 8 locations through external agency on monthly basis and TNPCB once in six month.</i> <i>In addition to the manual monitoring, two numbers online CAAQMS installed to monitor the Ambient emission levels and same is being connected to Air Care Centre, TNPCB and OCEMS, CPCB.</i> <i>Latest AAQ survey conducted by TNPCB on 11.03.2026 and 12.03.2026 and ROA of the reports reveals that the PM₁₀ is in the range of 43µg/m³ to 58µg/m³ which is below the prescribed limit of 100µg/m³, PM_{2.5} is in the range of 22 µg/m³ to 38 µg/m³ which is below the prescribed limit of 60 µg/m³ and SO₂ in the range of 10 µg/m³ to 18 µg/m³ and NO₂ in the range of 15 µg/m³ to 21 µg/m³ which is below the prescribed limit of 80µg/m³</i> <i>The consolidated AAQ monitoring reports (October'25 to March'26) are enclosed vide Annexure 5 and 6</i>
5.	Secondary fugitive emission from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	<i>Complied</i> <i>Plant</i> <i>Secondary fugitive Emissions are being controlled by providing following appropriate control measures stipulated by CPCB and secondary emissions are also regularly monitored for controlling the same, within stipulated norms.</i>

S. No	Specific Condition	Compliance Status
		• <i>Paved/concrete roads for truck movement</i> • <i>Use of closed trucks/bulkers/covering materials with tarpaulin before commencing transport</i> • <i>Ensuring Speed control</i> • <i>Avoiding overloading</i> • <i>Providing closed storage for Gypsum, Coal etc.,</i> • <i>Closed Silos for Raw Meal Clinker, Fly Ash & Cement</i> • <i>Water Sprinkling arrangement</i> • <i>Bag Filters at Transfer Points</i> • <i>Maintaining the equipment in good condition.</i> • <i>Greenbelt along the boundary of the Plant premises</i>       <i>House Keeping Photos</i> <i>Mine</i> <i>Adequate measures will be taken to control fugitive emission as given below.</i> • <i>Wet drilling and wetting of the places of operation</i> • <i>Water sprinkling while handling materials containing finer particles</i> • <i>Water Sprinkling on the haul roads within the mine area</i>

S. No	Specific Condition	Compliance Status
		• <i>Closed conveyors to convey Limestone to the Cement Plant</i> • <i>Bag Filters at transfer points to collect dust</i> • <i>Ensuring Speed Control</i> • <i>Avoiding overloading</i> • <i>Good maintenance of vehicles and mining machinery</i>  <i>Permanent Water Sprinklers</i> <i>The consolidated Fugitive Emission monitoring reports (October'25 to March'26) are enclosed vide Annexure 4.</i>
6.	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.	<i>Complied</i> <i>Plant</i> <i>Concrete Roads are provided in all vehicle movement area inside the plant and Water Sprinkling provided all raw materials storage and all raw materials & process materials transport in closed conveyors only.</i> 

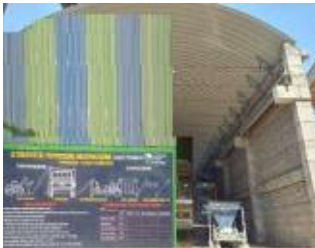
S. No	Specific Condition	Compliance Status
		<i>The ROA of the AAQ survey conducted on 11.03.2026 & 12.03.2026 reveals that parameters are within the limits. The copy of the AAQ emission Survey Report herewith enclosed vide annexure 5 and 6</i> Mine <i>As this is a Mine, no asphaltting or concreting of roads is possible. However, water sprinkling will be ensured on the roads, mining area, dump area, mineral storage area etc., in the Mine to suppress the dust.</i> <i>Permanent Water Sprinklers</i>
7.	Efforts should be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials	Plant <i>The following precautions are adopted to reduce the impact of transport of raw materials and end products on the surrounding environment, including agricultural land.</i>

S. No	Specific Condition	Compliance Status
	including fly ash should be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored.	<i>Covering of materials (raw materials , fuel, and end products) with tarpaulin while transporting</i> <i>Transporting Fly Ash in bulkers</i> <i>Controlling of vehicle speed</i> <i>Avoiding overloading</i> <i>Good maintenance of vehicles</i> <i>Insisting on PUC Certificate for all vehicles entering the factory</i>  Mine <i>The Limestone mined will be transported to the Cement plant through closed conveyors only and no vehicle used for transporting of limestone from the mines and Bagging provided at transfer points to collect dust.</i>  <i>Closed conveyor – Limestone transport from mines to plant</i>
8.	Rainwater harvesting measures shall be adopted for the augmentation of ground water at Cement Plant, Colony and Mine site. The company must also collect rain water in the mined out pits of captive lime stone mine and use the	<i>Complied</i> <i>Plant (Cement Plant and Captive Power Plant):</i> <i>Rainwater harvesting pond with a capacity of 1200 m³ has been provided in the Plant premises. The harvested water in the Plant is being used for dust suppression and greenbelt.</i>

S. No	Specific Condition	Compliance Status
	same water for the various activities of the project to conserve fresh water and reduced the water requirement pressure from the river. An action plan should be submitted to Ministry's Regional Office at Bangalore within 3 months from the date of issue of this letter.	<i>Captive Mines (Seethai Nagar Limestone Mines):</i> <i>Rain water harvesting measures like catch drains/garland drains had been provided to divert and collect the rainwater in the mined out pits (around 20 Lac m³/annum).</i> <i>The harvested rain water used for dust suppression and greenbelt development within the Mining Lease area and also in the Cement Plant, Captive Power Plant and Colony.</i> <i>The EIA Report submitted to Regional Office of MoEF, Bangalore includes the details of rainwater harvesting measures and the utilization of harvested rainwater.</i>  <i>Rain water Harvesting structure</i> 

S. No	Specific Condition	Compliance Status
		
9.	The project proponent shall ensure that no natural water course shall be obstructed due to any mining operations.	<i>Complied</i> <i>Natural water course not obstructed due to any mining operations.</i>
10.	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, Inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area roads, green belt development etc. The drains should be regularly de silted, particularly after monsoon, and maintained properly.	<i>Complied</i> <i>Catch drains/garland drains and siltation sump had been constructed to arrest flow of silt and sediment. The rain water is collected in the Mine Pits is utilized for sprinkling in the mine area, roads, greenbelt development etc., and also in the Cement Plant, Captive Power Plant and Colony.</i> <i>The drains are regularly desilted, particularly after monsoon and maintained properly.</i>
11.	Garland drain of appropriate & size, gradient and length shall be constructed for both mine pit and Inter burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of slit material. Sedimentation pits should be constructed at the corners of the garland drains and de silted at regular intervals.	<i>Complied</i> <i>Garland bund is made around the OB dump for a length of 4500m. A sump of 24,700m³ size capacity is made to collect the drain from the Garland Drain.</i> <i>The sump capacity was designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoin the mine site.</i> <i>The sump capacity is having adequate retention period to allow proper setting of slit material. Sedimentation pits also constructed at the corners of the garland drains and desilted at regular intervals.</i>

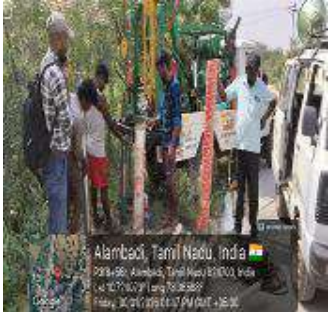
S. No	Specific Condition	Compliance Status
		
12.	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project areal in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring should be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January), Data thus collected shall be sent at regular Intervals to Ministry of Environment and Forests and its Regional Office at Bangalore Central Ground Water Authority and State Ground Water Board.	<i>Complied</i> <i>Regular monitoring of ground water level and quality carried out by establishing a network of existing wells manually at suitable locations in and around plant area on quarterly basis and also by installing 2 Nos of Piezometers.</i> <i>The collected datas are submitted to MoEF and CC and its Regional Office, Chennai, Central Ground Water Authority and State Ground Water Board regularly.</i>  <i>The consolidated Ground Water quality reports (October25 to March26) are enclosed vide Annexure 10 and 11.</i>
13.	Dimension of the retaining wall at the toe of Inter burden dumps and Inter burden benches within the mine to check run-off and siltation should be based on the rain fall data.	<i>Complied</i> <i>The retaining wall of adequate dimension provided at the toe of waste dumps to check run-off.</i>
14.	Suitable conservation measures to augment ground water resources In his area should be planned and implemented in consultation with Regional Director, Central Ground Water Board.	<i>Complied</i> <i>Rain water is collected in the mine pit which helps to recharge the ground water in the vicinity.</i> <i>Further, sedimentation pit is also be used for rain water harvesting system.</i>

S. No	Specific Condition	Compliance Status
15.	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.	<i>Complied</i> <i>The dust collected from the bad filters and pollution control measures are recycled and reused fully in the cement manufacturing process.</i>
16.	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	<i>Complied</i> <i>Full-fledged mechanized feeding system (Shredder + auto feeding system) installed and operating successfully since 02.07.2022 for cement Line-2 and more than 10% TSR achieved Cement line-2 since 24.09.22. And Line-1 mechanized feeding system installed and operating successfully since 20.04.2025. Over all TSR achieved for the year 2025-26 was 13.61% (Line1: 8.65%, Line2:17.98%)</i> <i>The details of AFR utilized for the year 2025-26 as furnished below;</i> <i>a. Hazardous waste & Other wastes : 43138.604 Tons</i> <i>b. CETP sludge : 3678.667 Tons</i> <i>c. Plastic waste : 1681.920 Tons</i> <i>d. Municipality (MSW) Wastes : 7186.158 Tons</i>   <i>HW Storgae Shed HW Shredder Machine</i>
17.	Efforts shall be made to use low grade lime. more fly ash and solid waste in the cement manufacturing.	<i>Complied</i> <i>Fly Ash generated in our Captive Power Plant is 100 percent used for manufacturing Portland Pozzolana Cement (PPC) and Fly returns submitted to MoEF and CC and TNPCB regularly and last year (2025-26) returns was submitted on 21.04.2026.</i> <i>Low Grade Limestone is blended with available High Grade Limestone to conserve the natural resource. This blended Limestone used for raw meal preparation to produce clinker. Slag, a waste from Steel Industries is also used to produce Portland Slag Cement.</i>
18.	All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently amended in 2003 and 210. Efforts should be made to use fly ash	<i>Complied</i> <i>Fly Ash generated in our Captive Power Plant is 100% used for manufacturing Portland Pozzolana Cement (PPC).</i>

S. No	Specific Condition	Compliance Status
	maximum in making Pozollona Portland Cement (PPC).	<i>Fly returns submitted to MoEF and CC & TNPCB regularly and last year (2025-26) returns was submitted on 21.04.2026</i>
19.	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bangalore, SPCB and CPCB within 3 months of issue of environment clearance letter.	<i>Complied</i> <i>There is an onsite Emergency Plan is in place and the EIA Report submitted to the Ministry's Regional Office at Bangalore, TNPCB and CPCB includes the Risk and Disaster Management Plan along with the mitigation measures.</i>
20.	Blasting operation shall be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.	<i>Complied</i> <i>Blasting operations are carried out during the daytime and controlled blasting method is followed to control ground vibration and arrest fly rocks and boulders.</i> <i>Vibration study is carried by the periodically as per DGMS requirements.</i>
21.	Wet drilling blasting method and provision for the control air emissions during blasting using duet collectors etc. , shall be used.	<i>Complied</i> <i>Wet drilling and controlled blasting methods are adopted to control air emissions during drilling and blasting.</i>  Wet Drilling
22.	Bench height, width and slope for individual bench should be properly assessed and implemented. Adequate measures should be adopted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accidents.	<i>Complied</i> <i>Bench height, width and slope for individual bench are maintained as per Mining Plan/Scheme of Mining approved by Indian Bureau of Mines (IBM).</i> <i>Adequate measures viz., gentle slope, terracing and plantation are carried out to stabilize the slope.</i> <i>Fencing around the rainwater harvesting reservoirs is provided to prevent accidents.</i>

S. No	Specific Condition	Compliance Status
		 <i>Fencing around the rainwater harvesting reservoirs had been provided to prevent accidents</i>
23.	Action plan for the mining management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure shall be submitted to the Ministry and Its Regional Office at Bangalore.	<i>Complied</i> <i>The EIA Report submitted to the Ministry and Its Regional Office at Bangalore includes the details of management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure plan as per Mining Plan approved by IBM.</i>
24.	The Inter burden and other waste generated shall be stacked at earmarked dump site(s) only and should not be kept active for long period. The total height of the dumps should not exceed 30 m in three terraces of 10 m each and the over all slope of the dump should be maintained to 28°. The inter burden dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and Its Regional Office, Bangalore on six monthly basis.	<i>Complied</i> <i>There is no inter burden and the other main waste is over burden (OB). This OB is stacked in an earmarked Dump site.</i> <i>Presently, no OB generation from this mine. The existing OB dumps are inactive.</i> <i>The OB dump heights are less than 30m and the slope is less than 28°. There are terraces on OB dumps. Plantation has been taken up on the OB dump.</i> <i>Compliance status report is submitted to the MoEF & CC once in every six months regularly. Previous returns (April'25 to September'26) submitted on 29.11.2025</i>
25.	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of	<i>Complied</i> <i>As there is no storage of over burden outside the Mining Lease area. Hence, this condition is not applicable.</i>

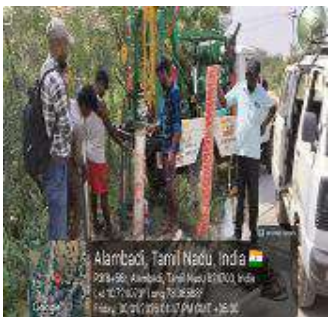
S. No	Specific Condition	Compliance Status
	Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It should be ensured that the overall slope of the dump does not exceed 28°.	
26.	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of higher benches should be, made gentler for easy accessibility by local people to use the water body, Peripheral fencing shall be carried out along the excavated area.	<i>Complied</i> <i>Mined out pits are converted into rain water harvesting pits with fencing.</i> <i>The Public access is restricted as the mining in other pits are carried out.</i>
27.	Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.	<i>Complied</i> <i>Top soil generated from these mines pits were already used for green belt development. Now, no top soil is generated.</i>
28.	As proposed, green belt shall be developed in at least 33 % In cement plant and all the mined out area except used for reservoir.	<i>Complied</i> <i>Plant (Cement Plant & Captive Power Plant):</i> <i>Total Plant area : 72.95 ha</i> <i>33 % of Plant area : 24.07 ha</i> <i>Actual Greenbelt developed area : 25.10 ha</i> <i>Number of saplings planted so far : 58431 nos</i> <i>Green Belt development photos enclosed vide Annexure -12</i> <i>Captive Mines (Seethai Nagar Limestone Mines):</i> <i>Total Area of Mine : 379. 49 ha</i> <i>Total Greenbelt development area : 30 ha</i> <i>Actual Green belt developed area : 28.50 ha</i> <i>Number of saplings planted so far : 39150 nos</i> <i>Green Belt development photos enclosed vide Annexure -13</i> <i>Target Date to complete Greenbelt Development : By 2030 (at the time of partial reclamation of mined pits). The balance mined out areas will be used as reservoir to harvest rainwater.</i>
29.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) should be implemented.	<i>Complied</i> <i>All the safety norms stipulated by the Director General, Mine & Safety (DGMS) were implemented.</i>

S. No	Specific Condition	Compliance Status
30.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Plants shall be Implemented.	<i>Complied</i> <i>The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Plants have been complied with except for the generation of power using hot gases from the Kiln.</i>
31.	The company shall comply with the commitments made during public hearing held on 29th January, 2010 and a separate budget for Implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bangalore.	<i>Complied</i> <i>The details of commitments made to the public during public hearing and the action plan to implement the same had been submitted to Ministry's Regional Office at Bangalore on 27.03.2012. The commitments are being met from the budget allocated.</i>
32.	At least 5 % of the total cost of the project should be earmarked towards the Corporate social responsibility and Item-wise details along with time bound action, plan should be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.	<i>Complied</i> <i>As per latest CSR rules 2014 under section 135(5), We are spending the 2% of average net profit for CSR / CER activities such as local area development, Road laying, Social Welfare Program, Health Care Program, Education Development and Ecological conservation etc.,.</i>  <i>Bore well Pump at Alambadi</i>  <i>Pond Desilting at Silukkagoundan Kulam</i>  <i>Pond Desilting Work at Pallanatham Kulam</i>  <i>Pond Desilting Work at Musurupothu Kulam</i>

B. General Conditions

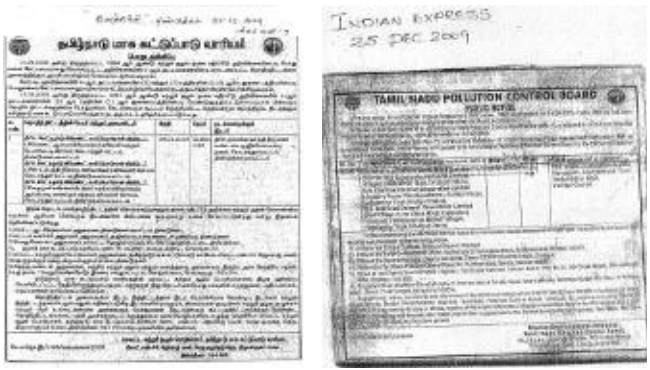
Sl. No	General Condition	Compliance Status
i.	The Project authorities must strictly adhere to the stipulations made by the SPCB and State Government.	<i>Complied</i> <i>All the stipulations made by the Tamil Nadu Pollution Control Board / State Government are being adhered.</i>
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of this Ministry.	<i>Complied</i> <i>No further expansion or modernization of the plant was carried out without prior approval of the MoEF & CC, New Delhi.</i>
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	<i>Complied</i> <i>The Installation of RABH/ESP/Pulse Jet Bag Filters for the point sources of emission, Use of low Ash and low Sulphur fuels and Use of low NOx Burners ensure that the Particulate Matter and gaseous emissions like SO₂ and NO_x from various units are within the standards prescribed.</i> <i>Interlocking facility had been provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit gets shut down automatically.</i>
iv.	The overall noise levels in and around the plant area shall be kept well within the standards(85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (daytime) and 70 dBA (night time).	<i>Complied</i> <i>Noise control measures like silencers, acoustic enclosures etc, are provided for all the sources of noise generation and good maintenance of Equipment and Machinery are also carried out.</i> <i>The Noise levels are monitored at on monthly basis through external agency and levels are within the limits.</i> <i>The consolidated Noise Level monitoring reports (October25 to March26) are enclosed vide Annexure 7 & 8.</i>
v.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	<i>Complied</i> <i>Occupational health surveillance of the workers is carried out on a regular basis and records are maintained as per the Factories Act.</i>
vi.	All the environment management measures given In the EIA/EMP shall be Implemented and complied with.	<i>Complied</i> <i>All the environment management measures given In the EIA/EMP are being Implemented.</i>

Sl. No	General Condition	Compliance Status
vii.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	<i>Complied</i> <i>Plant (Cement Plant & Captive Power Plant) :</i> <i>Rainwater harvesting pond with a capacity of 1200 m³ has been provided in the Plant premises.</i> <i>Captive Mine (Seethai Nagar Limestone Mines):</i> <i>Rain water harvesting measures like catch drains/garland drains had been provided to divert and collect the rainwater in the mined out pits (26,22,380 m³).</i> <i>The rainwater harvested in the plant as well as in the Mine Pits is also used for cooling, dust suppression and greenbelt development and also for meeting the water requirement of Cement Plant, Captive Power Plant and Colony.</i>
viii.	Proper house keeping and adequate occupational health programmes shall be taken up as per the Factory Act.	<i>Complied</i> <i>Two numbers of road sweeping machines uses plant's internal roads cleaning and vacuum cleaners as well as manual cleaning is done regular interval and ensured clean and good working atmosphere within the plant premises always.</i>   <i>Road Sweeping Machine</i>     <i>Occupational Health Centre</i>

Sl. No	General Condition	Compliance Status
ix.	The company shall undertake eco-development measures including community welfare measures in the project area.	<i>Complied</i> <i>Eco-development measures like rainwater harvesting, planting of saplings have been carried out in the nearby villages and community welfare measures such as Health (free medical camps, ambulance awareness programmes), Education (School buildings, furniture, drinking water, distribution of uniforms and notebooks) Infrastructure (village roads, drinking water etc.,) training for self-help groups are beings carried out in and the plant area.</i>
x.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	<i>Complied</i> <i>There is a separate Environmental Management Cell under control of Unit Head. The pollution control equipments are maintained by the respective division.</i> <i>Green Belt is carried out through their Horticultural person and ETP as well as STPs are maintained through their operators. The environmental monitoring is carried out through external agency on monthly basis.</i>
xi.	The requisite fund shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	<i>Complied</i> <i>As per latest CSR rules 2014 under section 135(5), We are spending the 2% of average net profit for CSR / CER activities such as local area development, Road laying, Social Welfare Program, Health Care Program, Education Development and Ecological conservation etc.,.</i>   <i>Alambadi, Tamil Nadu, India</i> 0814561, Alambadi, Tamil Nadu 631003, India +91 7700271 Long 7836389 Friday, 30 Oct 2015 10:15 AM GMT+5:30 <i>Kulam, Tamil Nadu, India</i> 7886406, Silukkgoundan, Tamil Nadu 631003, India +91 7700271 Long 7836389 Friday, 30 Oct 2015 10:15 PM GMT+5:30 <i>Bore well Pump at Alambadi</i> <i>Pond Desilting at Silukkgoundan Kulam</i>

Sl. No	General Condition	Compliance Status
		  <i>Pond Desilting Work at Pallanatham Kulam Pond Desilting Work at Musurupothu Kulam</i>
xii.	The Project Authorities shall Inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	<i>Complied</i> <i>As internally accrued funds had been invested there is no need of financial approval of project by any authority and the financial closure. The date of commencement of ground work had been communicated to MoEF, Delhi & MoEF, Bangalore.</i>
xiii.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	<i>Complied</i> <i>Environmental Clearance copy send to Gujiliyampari Panchayat, Karikkali village Guziliamparai Taluk, Dindigul District.</i> <i>And the EC copy was uploaded in our web site.</i>
xiv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bangalore, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<i>Complied</i> <i>The status of compliance of the stipulated environment clearance conditions, including results of monitoring data are uploaded in our website and updated periodically.</i> <i>Also, the same was submitted to Regional Office of the MoEF&CC, Chennai, Zonal Office of CPCB, Bangalore and TNPCB.</i> <i>Last Submission date : 29.11.2025</i> <i>(April'25 to September'25)</i> <i>The monitoring data are displayed on main gate of the company of public domain.</i>

Sl. No	General Condition	Compliance Status
xv.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore/ CPCB / SPCB shall monitor the stipulated conditions.	<i>Complied</i> <i>Six monthly EC compliance reports and the monitoring data are submitted to the Regional Office of MoEF & CC, Chennai, CPCB & TNPCB regularly.</i> <i>Last Submission date : 29.11.2025</i> <i>(April'25 to September'25)</i> 
xvi.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bangalore by e-mail.	<i>Complied</i> <i>Environmental Statement of Form V submitted to TNPCB and the Regional Office of MOEF & CC, Chennai at Bangalore in hard copy as well as by e-mail regularly.</i> <i>The status of compliance of EC conditions and the Environmental Statement are uploaded in our company website.</i> <i>Latest Environment Statement submitted on 29.09.2025</i>
xvii.	The Project Proponent shall Inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at the Website Of the Ministry of Environment and Forests at	<i>Complied</i> <i>Environmental Clearance copy send to Gujiliyampari Panchayat, Karikkali village Vedasandur Taluk, Dindigul District and advertisement were given in two local newspapers (Dinna Bhoomi – Tamil , The New Indian Express – English on 06.08.2010) and copies of the same were submitted to Regional office, Bangalore.</i>

Sl. No	General Condition	Compliance Status
	http://envfor.nic.in, This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated In the region of which one shall be In the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	 Also, the EC granted copy is uploaded in our web site.

C. Other Condition

Sl. No	Other Condition	Compliance Status
10	The Ministry may revoke or suspend the clearance, if Implementation of any of the above conditions is not satisfactory.	<i>Guidelines noted.</i>
11	The Ministry reserves the right to stipulate additional conditions If found necessary. The Company In a time bound manner shall implement these conditions.	<i>Guidelines noted.</i>
12	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	<i>Guidelines noted and there is no appeal against this EC.</i>
13	The above conditions shall be enforced, Inter-alia under the provisions of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules. 2008 and the Public (Insurance) Liability, Act.1991 along with their amendments and rules.	<i>Guidelines noted.</i>

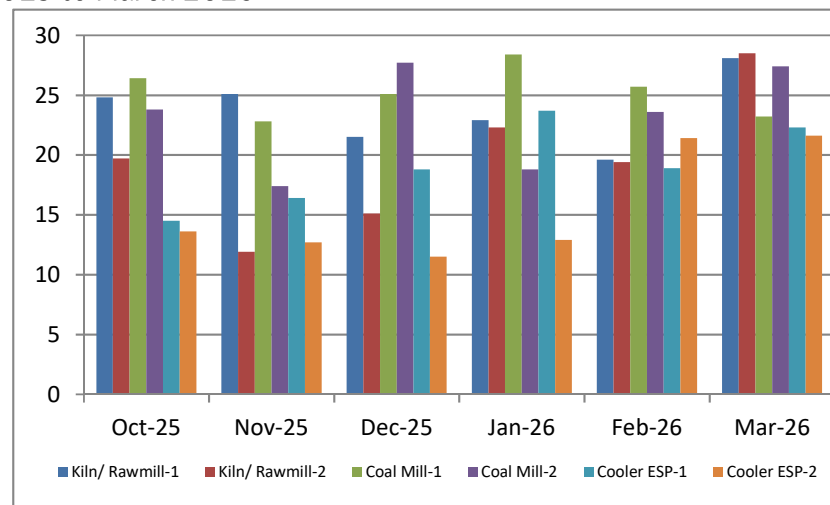
for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED


V.KRISHNAN
JOINT PRESIDENT [WORKS]

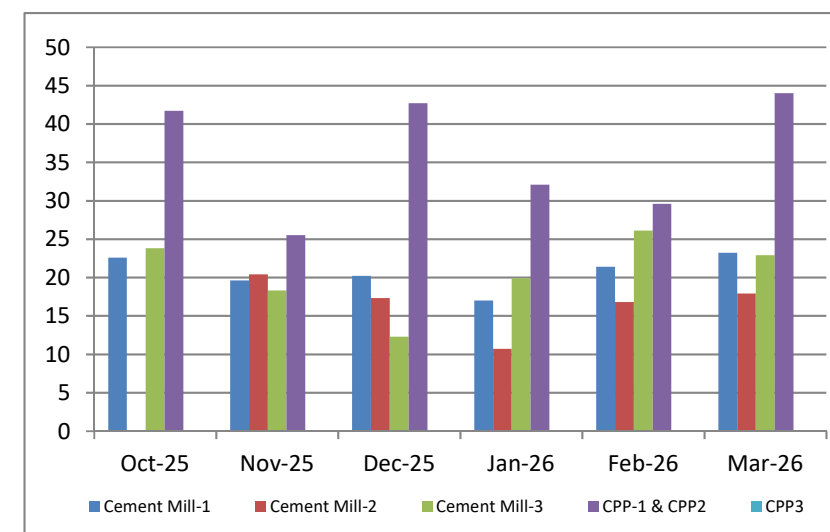


Stack Emission Data (PM - mg/Nm³) from October'2025 to March'2026

Month	Kiln/ Rawmill-1	Kiln/ Rawmill-2	Coal Mill-1	Coal Mill-2	Cooler ESP-1	Cooler ESP-2	Permissible Limit
Oct-25	24.8	19.7	26.4	23.8	14.5	13.6	Cement Plant : 30mg/Nm ³ Power Plant : 50mg/Nm ³
Nov-25	25.1	11.9	22.8	17.4	16.4	12.7	
Dec-25	21.5	15.1	25.1	27.7	18.8	11.5	
Jan-26	22.9	22.3	28.4	18.8	23.7	12.9	
Feb-26	19.6	19.4	25.7	23.6	18.9	21.4	
Mar-26	28.1	28.5	23.2	27.4	22.3	21.6	
Max	28.1	28.5	28.4	27.7	23.7	21.6	
Min	19.6	11.9	22.8	17.4	14.5	11.5	
Avg	23.7	19.5	25.3	23.1	19.1	15.6	



Month	Cement Mill-1	Cement Mill-2	Cement Mill-3	CPP-1 & CPP2	CPP3	Permissible Limit
Oct-25	22.6	Shutdown	23.8	41.7	Shut down	Cement Plant : 30mg/Nm ³ Power Plant : 50mg/Nm ³
Nov-25	19.6	20.4	18.3	25.5		
Dec-25	20.2	17.3	12.3	42.7		
Jan-26	17	10.7	19.9	32.1		
Feb-26	21.4	16.8	26.1	29.6		
Mar-26	23.2	17.9	22.9	44		
Max	17	10.7	12.3	25.5		
Min	23.2	20.4	26.1	44		
Avg	20.7	16.6	20.6	35.9		



for Chettinad Cement Corporation Private Limited

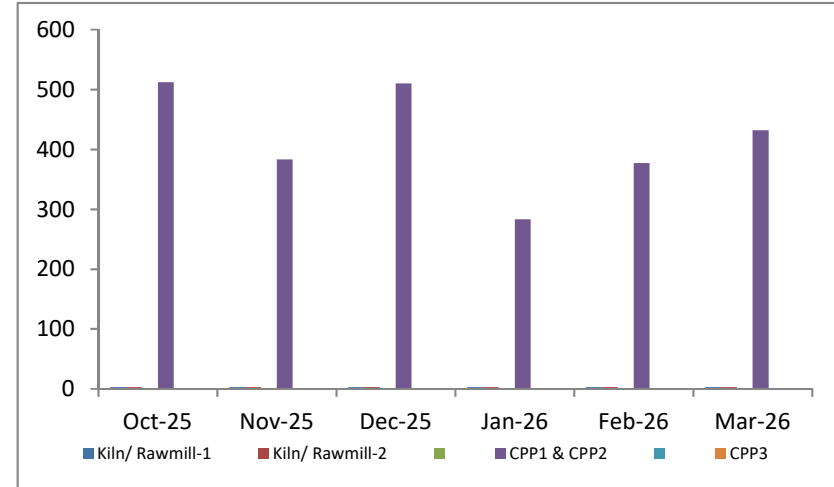
V. Krishnan

V.Krishnan
Joint President[works]



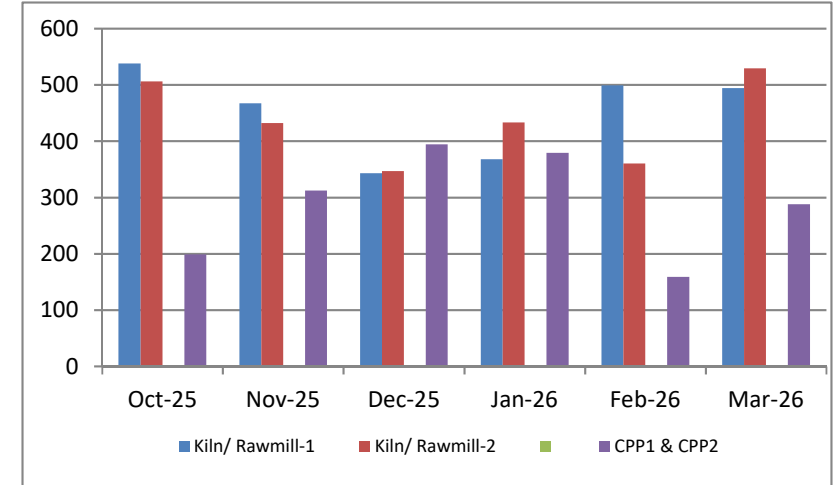
Stack Emission Data (SO₂ - mg/Nm³) from October'2025 to March'2026

Month	Kiln/ Rawmill-1	Kiln/ Rawmill-2	CPP1 & CPP2	CPP3	Permissible Limit
Oct-25	3	3	512	Shut Down	Cement Plant : 100mg/Nm ³ Power Plant : 600mg/Nm ³
Nov-25	3	3	383		
Dec-25	3	3	510		
Jan-26	3	3	283		
Feb-26	3	3	377		
Mar-26	3	3	432		
Max	3	3	512		
Min	3	3	283		
Avg	3.0	3.0	416		



Stack Emission Data (NO_x - mg/Nm³) from October'2025 to March'2026

Month	Kiln/ Rawmill-1	Kiln/ Rawmill-2	CPP1 & CPP2	CPP3	Permissible Limit
Oct-25	538	506	199	Shut Down	Cement Plant : 800mg/Nm ³ Power Plant : 450mg/Nm ³
Nov-25	467	432	312		
Dec-25	343	347	394		
Jan-26	368	433	379		
Feb-26	499	360	159		
Mar-26	494	529	288		
Max	538	529	394		
Min	343	347	159		
Avg	452	435	289		



for Chettinad Cement Corporation Private Limited

V. Krishnan

V.Krishnan
Joint President[works]





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

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Report Date : 14 Mar 2026

Report No. ENO-260309030-15

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, GuziliamparaTaluk, Dindigul District - 624703.
Name : Air
Sample Description : Stack Emission
Reference : PO No. 150014551
Sample Drawn by : Laboratory

Sample received on : 09 Mar 2026
Test Started on : 09 Mar 2026
Test completed on : 14 Mar 2026
Ambient Temperature : 33°C

TEST RESULTS

S. No	Parameters	Test Method	Unit	Raw mill-1 /Kiln-1	Raw Mill-1 Kiln-1 (*Values are corrected in 10% O2 level)	CPCB Norms
1	Stack Attached to	--	--	Bag House	--	--
2	Sampling Date	--	--	02.03.2026	--	--
3	Sampling Period	--	Hour	11:10am – 12:10 pm	--	--
4	Stack Height from GL	--	Meter	140	--	--
5	Sampling Height from GL	--	Meter	48	--	--
6	Stack Diameter	--	Meter	3.80	--	--
7	Stack Temperature	IS 11255 (Part-3)	K	480	--	--
8	Velocity of Gas	EPA Method 1-3	m/sec	15.7	--	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	384188	--	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	18.3	28.1*	30
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)*	100
12	Nitrogen Oxides (Nox) as NO ₂	SMSLA/EN/SOP/017	mg/Nm ³	322	494*	800
13	Oxygen (O ₂)		%	13.8	--	--
14	Carbon Monoxide (CO)		mg/Nm ³	205	--	--
15	Carbon Dioxide (CO ₂)		%	5.2	--	--
16	Mercury (Hg)	EPA Method -29	mg/Nm ³	BLQ(LOQ:0.00002)	--	0.03

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

Conclusion: The above tested sample conform the CPCB standards for the above tested parameters.

/***** End of the Report *****/

M.S.

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of the laboratory. Any corrections shall invalidate this test report. Laboratory is not responsible for authenticity of the xerox/photocopied test report. Unless otherwise agreed with customer, remnant non-perishable samples are disposed of 15 days after receipt, while perishable and environmental samples are discarded immediately upon test completion. All other regulatory samples are retained as per relevant regulatory requirements. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The laboratory accepts no liability regarding the origin or source from which the sample(s) is/are said to be extracted.





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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Report No. ENO-260309030-16

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
 Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District - 624703.
 Name : Air
 Sample Description : Stack Emission
 Reference : PO No. 150014551
 Sample Drawn by : Laboratory
 Sample received on : 09 Mar 2026
 Test Started on : 09 Mar 2026
 Test completed on : 14 Mar 2026
 Ambient Temperature : 32°C

TEST RESULTS

S. No	Parameters	Test Method	Unit	Rawmill-2 /Kiln-2	Raw Mill-2 Kiln-2 (*Values are corrected in 10% O2 level)	CPCB Norms
1	Stack Attached to	--	--	Bag House	--	--
2	Sampling Date	--	--	03.03.2026	--	--
3	Sampling Period	--	Hour	04:10pm – 05:10 pm	--	--
4	Stack Height from GL	--	Meter	140	--	--
5	Sampling Height from GL	--	Meter	48	--	--
6	Stack Diameter	--	Meter	4.0	--	--
7	Stack Temperature	IS 11255 (Part-3)	K	431	--	--
8	Velocity of Gas	EPA Method 1-3	m/sec	12.7	--	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	384006	--	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	20.9	28.5*	30
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)*	100
12	Nitrogen Oxides (Nox) as NO ₂	SMSLA/EN/SOP/017	mg/Nm ³	388	529*	800
13	Oxygen (O ₂)		%	12.9	--	--
14	Carbon Monoxide (CO)		mg/Nm ³	176	--	--
15	Carbon Dioxide (CO ₂)		%	5.6	--	--
16	Mercury (Hg)	EPA Method -29	mg/Nm ³	BLQ(LOQ:0.00002)	--	0.03

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters.

/***** End of the Report *****/

M. Sarathkumar

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Report No. ENO-260309030-17 to 18

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District - 624703.
Name : Air **Sample received on** : 09 Mar 2026
Sample Description : Stack Emission **Test Started on** : 09 Mar 2026
Reference : PO No. 150014551 **Test completed on** : 14 Mar 2026
Sample Drawn by : Laboratory **Ambient Temperature** : 31-32°C

TEST RESULTS

S. NO	Parameters	Test Method	Unit	Cooler ESP-1	Coal Mill -1	CPCB Norms
1	Stack Attached to	-	-	ESP	Bag House	--
2	Sampling Date	-	-	02.03.2026	02.03.2026	--
3	Sampling Period	-	Hour	04:15pm – 05:15pm	09:50am – 10:50 am	--
4	Stack Height from GL	-	Meter	38	140	--
5	Sampling Height from GL	-	Meter	30	48	--
6	Stack Diameter	-	Meter	3.0	1.60	--
7	Stack Temperature	IS 11255 (Part-3)	K	535	338	--
8	Velocity of Gas	EPA Method 1-3	m/sec	12.07	10.5	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	166314	64509	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	22.3	23.2	30
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)	--
12	Nitrogen Oxides (Nox) as NO ₂	SMSLA/EN/SO P/017	mg/Nm ³	BLQ(LOQ:2.0)	89	--
13	Oxygen (O ₂)		%	20.7	16.9	--
14	Carbon Monoxide (CO)		mg/Nm ³	BLQ(LOQ:1.14)	88	--
15	Carbon Dioxide (CO ₂)		%	0.1	2.3	--

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters.

/***** End of the Report *****/


M. Sarathkumar
Authorized Signatory-Chemical



TEST REPORT



TC-6118

Page 6 of 6

Report Date : 14 Mar 2026

Report No. ENO-260309030-19 to 20

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District - 624703.
Name : Air Sample received on : 09 Mar 2026
Sample Description : Stack Emission Test Started on : 09 Mar 2026
Reference : PO No. 150014551 Test completed on : 14 Mar 2026
Sample Drawn by : Laboratory Ambient Temperature : 31-33°C

TEST RESULTS

S.NO	Parameters	Test Method	Unit	Cooler ESP-2	Coal Mill -2	CPCB Norms
1	Stack Attached to	-	-	ESP	Bag House	--
2	Sampling Date	-	-	03.03.2026	03.03.2026	--
3	Sampling Period	-	Hour	09:50am – 10:50 am	03:00 pm– 04:00 pm	--
4	Stack Height from GL	-	Meter	38	140	--
5	Sampling Height from GL	-	Meter	30	48	--
6	Stack Diameter	-	Meter	3.15	1.5	--
7	Stack Temperature	IS 11255 (Part-3)	K	543	340	--
8	Velocity of Gas	EPA Method 1-3	m/sec	11.8	10.6	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	175626	57135	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	21.6	27.4	30
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)	--
12	Nitrogen Oxides (Nox) as NO ₂	SMSLA/EN/SO P/017	mg/Nm ³	BLQ(LOQ:2.0)	287	--
13	Oxygen (O ₂)		%	20.9	13.2	--
14	Carbon Monoxide (CO)		mg/Nm ³	BLQ(LOQ:1.14)	142	--
15	Carbon Dioxide (CO ₂)		%	0.1	4.1	--

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters.

***** End of the Report *****



M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Vin, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 6

Report No. ENO-260309030-11 to 12 & 13

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliampara Taluk, Dindigul District - 624703.
Sample Name : Air
Sample Description : Stack Emission
Reference : PO No. 150014551
Sample Drawn by : Laboratory

Sample received on : 09 Mar 2026
Test Started on : 09 Mar 2026
Test completed on : 14 Mar 2026
Ambient Temperature : 34-35°C

TEST RESULTS

S. No	Parameters	Test Method	Unit	Cement Mill-1	Cement Mill-2	Cement Mill-3	CPCB Norms
1	Stack Attached to	--	--	Bag House	Bag House	Bag House	--
2	Sampling Date	--	--	02.03.2026	02.03.2026	03.03.2026	--
3	Sampling Period	--	Hour	12:20 – 01:20 pm	03:00 – 04:00 pm	11:00 – 12:00pm	--
4	Stack Height from GL	--	Meter	59	50	70	--
5	Sampling Height from GL	--	Meter	30	38	55	--
6	Stack Diameter	--	Meter	3.15	0.8	3.6	--
7	Stack Temperature	IS 11255 (Part-3)	K	359	344	360	--
8	Velocity of Gas	EPA Method 1-3	m/sec	11.4	11.6	12.4	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	256639	17578	363593	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	23.2	17.9	22.9	30
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)	BLQ(LOQ:3.0)	--
12	Nitrogen Oxides (NO _x) as NO ₂	SMSLA/EN/SO P/017	mg/Nm ³	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	--
13	Oxygen (O ₂)		%	20.9	20.8	20.9	--
14	Carbon Monoxide (CO)		mg/Nm ³	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	--
15	Carbon Dioxide (CO ₂)		%	0.1	0.2	0.1	--

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters.

/***** End of the Report *****/

M.S

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of the laboratory. Any corrections shall invalidate this test report. Laboratory is not responsible for authenticity of the xerox/photocopied test report. Unless otherwise agreed with customer, remnant non-perishable samples are disposed of 15 days after receipt, while perishable and environmental samples are discarded immediately upon test completion. All other regulatory samples are retained as per relevant regulatory requirements. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The laboratory accepts no liability regarding the origin or source from which the sample(s) is/are said to be extracted.





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 2 of 6

Report No. ENO-260309030-14

Report Date : 14 Mar 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District - 624703.
Name : Air
Sample Description : Stack Emission
Reference : PO No. 150014551
Sample Drawn by : Laboratory

Sample received on : 09 Mar 2026
Test Started on : 09 Mar 2026
Test completed on : 14 Mar 2026
Ambient Temperature : 31°C

TEST RESULTS

S.No	Parameters	Test Method	Unit	CPP1 & CPP2	CPP1&CPP2 (*Values are corrected in 6% O2 level)	CPCB Norms
1	Stack Attached to	--	--	ESP	--	--
2	Sampling Date	--	--	05.03.2026	--	--
3	Sampling Period	--	Hour	10:50am – 11:50 am	--	--
4	Stack Height from GL	--	Meter	100	--	--
5	Sampling Height from GL	--	Meter	70	--	--
6	Stack Diameter	--	Meter	2.5	--	--
7	Stack Temperature	IS 11255 (Part-3)	K	403	--	--
8	Velocity of Gas	EPA Method 1-3	m/sec	7.4	--	--
9	Volume of gas discharged	IS 11255 (Part-3)	Nm ³ /hr	93343	--	--
10	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm ³	35.4	44*	50
11	Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	mg/Nm ³	348	432*	600
12	Nitrogen Oxides (Nox) as NO ₂	SMSLA/EN/SOP/017	mg/Nm ³	232	288*	450
13	Oxygen (O ₂)		%	8.9	--	--
14	Carbon Monoxide (CO)		mg/Nm ³	220	--	--
15	Carbon Dioxide (CO ₂)		%	7.2	--	--
16	Mercury (Hg)	EPA Method -29	mg/Nm ³	BLQ(LOQ:0.00002)	--	0.03

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

Conclusion: The above tested sample conform the CPCB standards for the above tested parameters.

/***** End of the Report *****/

M.S.

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

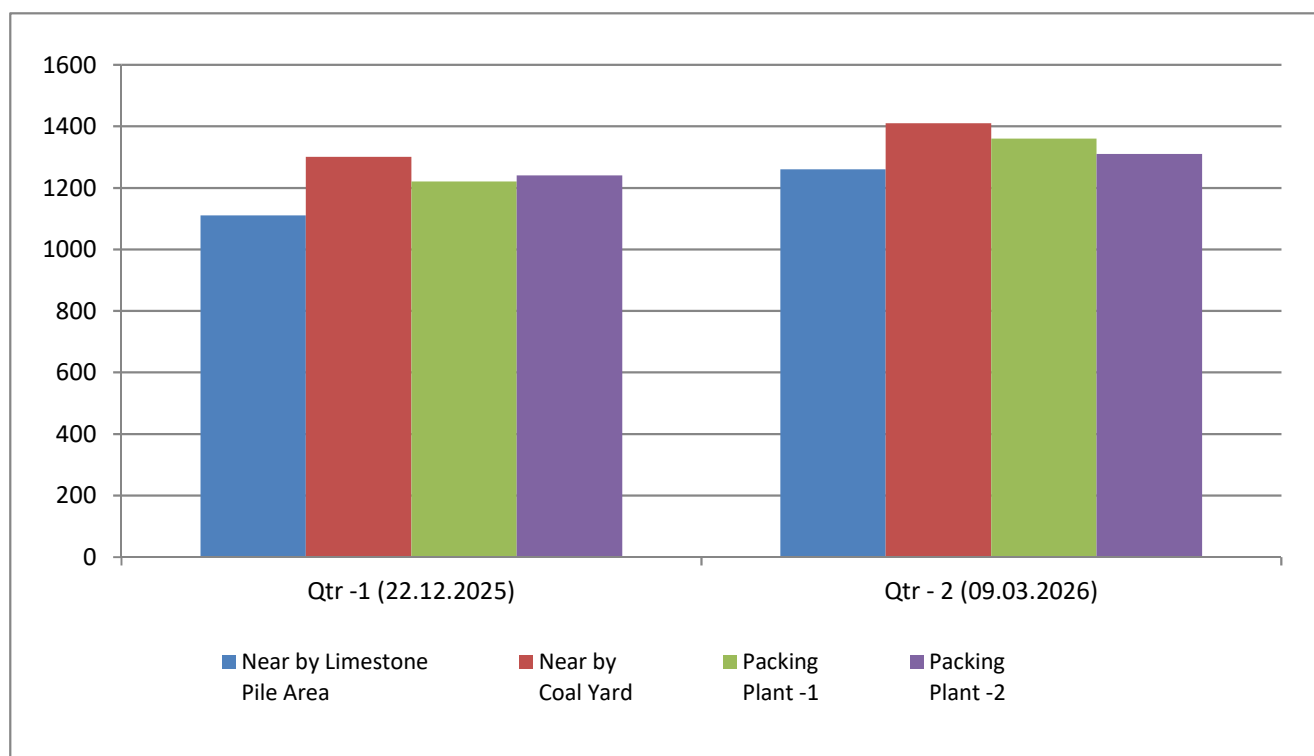
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Chettinad Cement Corporation Private Limited, Karikkali Works
(Cement Plant)

Fugitive Emission Data (SPM - $\mu\text{g}/\text{m}^3$) from October'2025 to March'2026

Date	Near by Limestone Pile Area	Near by Coal Yard	Packing Plant -1	Packing Plant -2	Permissible Limit
Qtr -1 (22.12.2025)	1110	1300	1220	1240	2000
Qtr - 2 (09.03.2026)	1260	1410	1360	1310	
Max	1260	1410	1360	1310	
Min	1110	1300	1220	1240	
Avg	1185	1355	1290	1275	



for Chettinad Cement Corporation Private Limited

V. Krishnan

V.Krishnan
Joint President[works]





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1
Report Date : 27 Dec 2025

Report No. ENQ-251222008-33 to 36

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, karikkali Village, Guziliamparai Taluk, Dindigul – 624703.
Sample Name : Air Sampling Date : 16 Dec 2025
Sample Description : Fugitive Emission Sample received on : 22 Dec 2025
Reference : Test Request Form Dated 15.12.2025 Test Started on : 22 Dec 2025
Sample Drawn by : Laboratory Test completed on : 27 Dec 2025

TEST RESULTS

S.No	Parameters	Test Method	Unit	Near by Lime Stone Pile Area	Near by Coal Yard	Packing Plant - 1	Packing Plant - 2
1.	Suspended Particulate Matter	NIOSH-0500	mg/m ³	1.11	1.30	1.22	1.24

/***** End of the Report *****/


M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirunazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Report No. ENO-260309030-34 to 37

Page 1 of 1
Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, karikkali Village, Guziliamparai Taluk, Dindigul – 624703.
Sample Name : Air Sampling Date : 07 Mar 2026
Sample Description : Fugitive Emission Sample received on : 09 Mar 2026
Reference : Test Request Form Dated 02.03.2026 Test Started on : 09 Mar 2026
Sample Drawn by : Laboratory Test completed on : 14 Mar 2026

TEST RESULTS

S.No	Parameters	Test Method	Unit	Near by Lime Stone Pile Area	Near by Coal Yard	Packing Plant - 1	Packing Plant - 2
1.	Suspended Particulate Matter	NIOSH-0500	mg/m ³	1.26	1.41	1.36	1.31

/***** End of the Report *****/

M. Sarathkumar

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Ambient Air Quality Data (PM₁₀, PM_{2.5}, SO₂ & NO_x - µg/Nm³) from October'2025 to March'2026

Month	Sukkanatham Village (North)				kanagupillaiyar Village (North East)				Near East Security Gate (East)				On top of B2 Quarters (South East)				Permissible Limit			
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Oct-25	60.8	29.1	10.4	21.6	57.9	26.5	9.6	20.2	59.4	27.8	10.1	22.3	62.6	30.4	10.8	23.1	100	60	80	80
Nov-25	58.9	27.1	9.8	20.5	57.6	26.5	9.5	19.3	56.8	25.3	9.2	18.9	55.8	24.7	8.9	19.7				
Dec-25	56.9	27.5	10.6	21.6	58.4	29.0	9.1	23.2	59.1	26.3	11.2	18.6	57.2	28.5	9.7	19.5				
Jan-26	57.6	25.3	9.8	19.5	59.8	26.7	9.4	20.2	58.3	27.6	10.6	20.5	61.3	29.0	10.2	21.7				
Feb-26	59.3	28.1	10.2	20.8	62.5	27.8	10.4	21.7	60.2	29.8	11.3	22.4	63.8	31.6	10.6	22.9				
Mar-26	58.9	27.3	10.2	20.6	61.3	28.5	10.6	21.8	63.5	31.2	11.1	22.6	57.6	26.8	10.9	22.9				
Max	60.8	29.1	10.6	21.6	62.5	29.0	10.6	23.2	63.5	31.2	11.3	22.6	63.8	31.6	10.9	23.1				
Min	56.9	25.3	9.8	19.5	57.6	26.5	9.1	19.3	56.8	25.3	9.2	18.6	55.8	24.7	8.9	19.5				
Avg	58.7	27.4	10.2	20.8	59.6	27.5	9.8	21.1	59.6	28.0	10.6	20.9	59.7	28.5	10.2	21.6				

Month	On top of C5 Quarters (South)				Near Workers Quarters (South West)				Near Karikkali Village (West)				Near Vasavanaikanpatti Village (North West)				Permissible Limit			
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Oct-25	61.5	30.1	9.8	22.6	62.5	30.8	10.9	23.1	58.7	27.1	9.8	20.5	59.3	28.5	10.1	20.8	100	60	80	80
Nov-25	57.3	26.9	9.4	19.6	58.1	27.4	10.1	20.6	56.8	25.7	9.7	18.9	57.7	26.0	9.0	19.2				
Dec-25	56.1	28.3	9.0	20.5	58.3	29.4	10.4	22.1	55.3	26.1	8.6	19.6	59.2	27.5	10.0	23.3				
Jan-26	58.3	27.6	9.4	21.8	60.8	28.3	9.8	20.5	57.6	25.8	9.2	20.1	56.8	25.3	10.6	22.4				
Feb-26	60.1	28.7	9.8	22.5	62.5	29.3	10.2	21.4	59.3	27.4	10.4	20.8	58.7	27.8	10.9	23.4				
Mar-26	61.4	28.9	9.8	22.5	62.6	30.7	10.1	21.2	59.6	27.3	9.5	20.8	58.1	26.9	10.9	23.3				
Max	61.5	30.1	9.8	22.6	62.6	30.8	10.9	23.1	59.6	27.4	10.4	20.8	59.3	28.5	10.9	23.4				
Min	56.1	26.9	9.0	19.6	58.1	27.4	9.8	20.5	55.3	25.7	8.6	18.9	56.8	25.3	9.0	19.2				
Avg	59.1	28.4	9.5	21.6	60.8	29.3	10.3	21.5	57.9	26.6	9.5	20.1	58.3	27.0	10.3	22.1				

for Chettinad Cement Corporation Private Limited

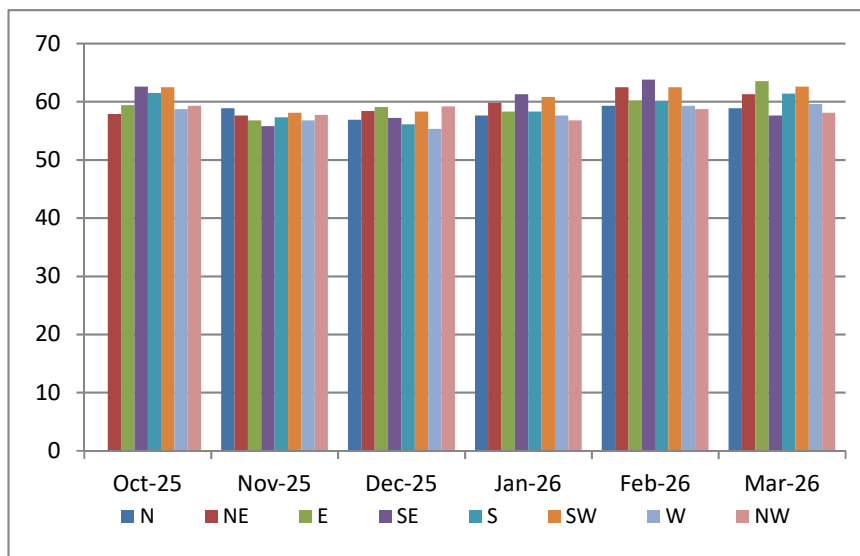
V. Krishnan

V. Krishnan
Joint President[works]

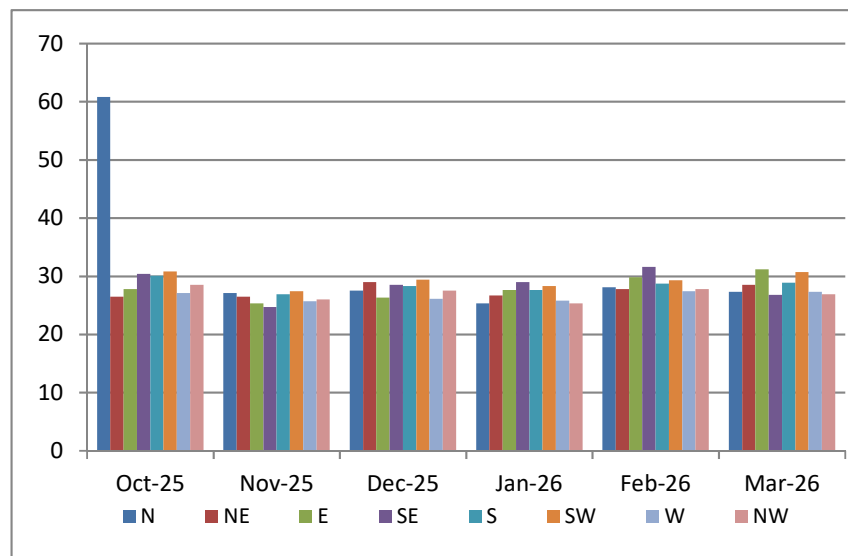


Chettinad Cement Corporation Private Limited, Karikkali Works (Cement Plant & Captive Power Plant)

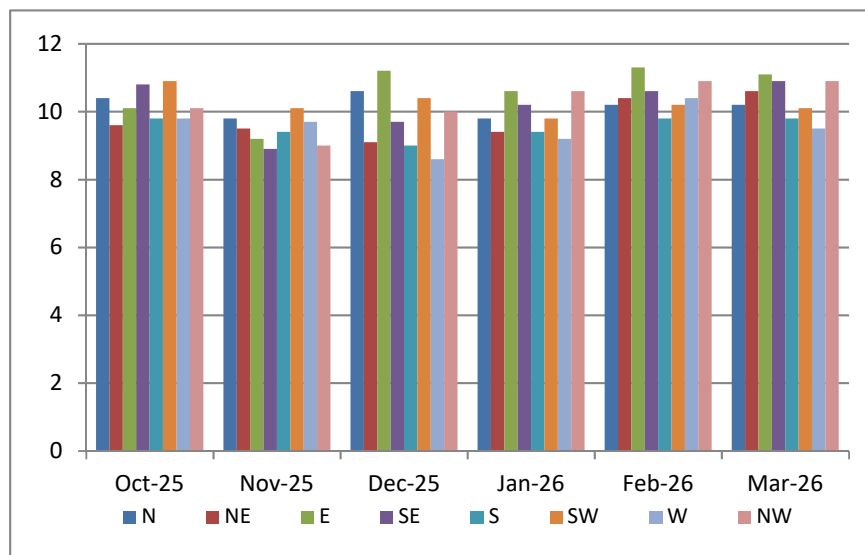
Trend Graph - Ambient Air Quality Data from October'2025 to March'2026



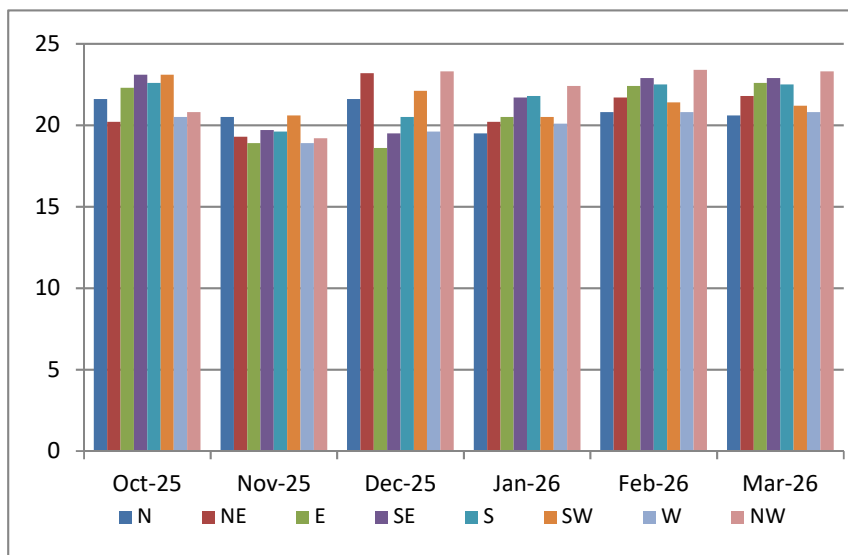
PM 10



PM2.5



SO2



NO2



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 2

Report No. ENO-260309030-01 to 04

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District - 624703.
Sample Name : Air Sampling Date : 02 to 03 Mar 2026
Sample Description : Ambient Air Quality – 24 hrs Sampling Start Time : 08.30 am to 09.15 am
Reference : PO No. 150014551 Sample received on : 09 Mar 2026
Sample Drawn by : Laboratory Test Started on : 09 Mar 2026
Sample procedure : IS 5182 Part V & Part XIV Test completed on : 14 Mar 2026
Relative Humidity : 58% Ambient Temperature : 30°C

TEST RESULTS

S. No	Parameters	Test Method	Unit	NAAQ Norms	Arappa Gounder Thottam at Sukkanatham Village	Muniyappan Temple at Kanagupillaiyar Village	Near East Security Gate	Near B2 Quarters
Direction from Plant					N	NE	E	SE
Distance from Plant in Meters					724	720	708	710
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part 02) - 2001 (Reaffirmed 2022)	µg/m ³	80	10.2	10.6	11.1	10.9
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part 06) - 2006 (Reaffirmed 2022)	µg/m ³	80	20.6	21.8	22.6	22.9
3.	Particulate Matter (PM ₁₀)	IS 5182 (Part 23) - 2006 (Reaffirmed 2022)	µg/m ³	100	58.9	61.3	63.5	57.6
4.	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) - 2019	µg/m ³	60	27.3	28.5	31.2	26.8
5.	Ozone as O ₃ (1hr)	IS 5182 (Part 09) - 1974 (Reaffirmed 2019)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO - 3.4 - 1999	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part 10) - 1999 (Reaffirmed 2019)	mg/m ³	02	BLQ (LOQ:1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part 25) - 2018	µg/m ³	400	BLQ (LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GC/SOP/43 - 2024	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GC/SOP/46 - 2024	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO - 3.4 - 1999	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO - 3.4 - 1999	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested Sample conforms the NAAQ Standards for the above tested Parameters.

(***** End of the Report *****)

M. S.

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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TEST REPORT

TC-6118

Page 2 of 2

Report No. ENO-260309030-05 to 08

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
 Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliampara Taluk, Dindigul District - 624703.
 Name : Air
 Sample Description : Ambient Air Quality - 24 hrs
 Reference : PO No. 150014551
 Sample Drawn by : Laboratory
 Sample procedure : IS 5182 Part V & Part XIV
 Relative Humidity : 58%

Sampling Date : 02 to 03 Mar 2026
 Sampling Start Time : 09.30 am to 10.15 am
 Sample received on : 09 Mar 2026
 Test Started on : 09 Mar 2026
 Test completed on : 14 Mar 2026
 Ambient Temperature : 32°C

TEST RESULTS

S. No	Parameters	Test Method	Unit	NAAQ Norms	Near C5 Quarters	Near Workers Quarters	Near Chellappa Naicker House at Karikkali Village	Arumuga Gounder Thottam at Vasavanai kkanpatti Village
Direction from Plant					S	SW	W	NW
Distance from Plant in Meters					712	722	709	724
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part 02) - 2001 (Reaffirmed 2022)	µg/m ³	80	9.8	10.1	9.5	10.9
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part 06) - 2006 (Reaffirmed 2022)	µg/m ³	80	22.5	21.2	20.8	23.3
3.	Particulate Matter (PM ₁₀)	IS 5182 (Part 23) - 2006 (Reaffirmed 2022)	µg/m ³	100	61.4	62.6	59.6	58.1
4.	Particulate Matter (PM _{2.5})	IS 5182 (Part 24) - 2019	µg/m ³	60	28.9	30.7	27.3	26.9
5.	Ozone as O ₃ (1hr)	IS 5182 (Part 09) - 1974 (Reaffirmed 2019)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO - 3.4 - 1999	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part 10) - 1999 (Reaffirmed 2019)	mg/m ³	02	BLQ (LOQ:1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part 25) - 2018	µg/m ³	400	BLQ (LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GC/SOP/43 - 2024	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GC/SOP/46 - 2024	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO - 3.4 - 1999	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO - 3.4 - 1999	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion :The above tested Sample Conforms the NAAQ Standards for the above tested Parameters.

/***** End of the Report *****/


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Pudukhatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Ambient Air Quality Data (PM₁₀, PM_{2.5}, SO₂ & NO_x - µg/Nm³) from October'2025 to March'2026

Month	Near by RMRC School (North)				Near by Coloby STP (North East)				Near by Rangasamy Naidu Garden (East)				Near Perumal Koil (South East)				Permissible Limit			
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Oct-25	60.1	28.3	10.2	20.8	59.3	27.8	10.9	22.8	58.4	27.2	9.6	21.2	62.5	30.4	10.8	23.6	100	60	80	80
Nov-25	56.3	25.6	9.6	19.5	57.5	26.4	10.1	20.3	55.7	25.2	9.2	18.9	58.5	27.4	9.7	19.8				
Dec-25	58.1	26.4	10.5	20.1	55.3	27.5	9.0	21.8	57.0	25.6	9.6	19.4	59.0	28.3	8.4	22.6				
Jan-26	56.7	24.5	9.8	19.3	58.1	26.9	9.3	20.6	55.9	24.8	10.1	20.7	57.6	25.3	9.0	19.8				
Feb-26	56.7	24.5	9.8	19.3	58.1	26.9	9.3	20.6	55.9	24.8	10.1	20.7	57.6	25.3	9.0	19.8				
Mar-26	58.1	27.6	8.9	19.8	59.4	28.5	10.5	21.8	56.1	26.2	9.2	20.5	59.8	29.5	10.8	22.9				
Max	56.3	24.5	8.9	19.3	55.3	26.4	9.0	20.3	55.7	24.8	9.2	18.9	57.6	25.3	8.4	19.8				
Min	60.1	28.3	10.5	20.8	59.4	28.5	10.9	22.8	58.4	27.2	10.1	21.2	62.5	30.4	10.8	23.6				
Avg	57.7	26.2	9.8	19.8	58.0	27.3	9.9	21.3	56.5	25.6	9.6	20.2	59.2	27.7	9.6	21.4				

Month	Near by Mallapuram Mine Pit (South)				Near by south Alambadi Mine Pit (South West)				Near by West Alambadi Mine Pit (West)				Near by Ammonium Nitrite Shed (North West)				Permissible Limit			
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Oct-25	60.6	28.7	9.8	22.4	61.3	29.4	10.9	21.5	58.9	27.1	9.4	22.6	59.8	27.9	10.3	19.7	100	60	80	80
Nov-25	58.9	27.2	10.3	21.6	57.6	26.8	9.9	20.1	56.9	25.1	9.6	20.7	59.3	28.4	9.2	19.0				
Dec-25	57.5	28.1	9.9	22.5	58.6	27.0	10.5	19.0	55.3	26.2	9.1	21.1	56.2	25.3	8.9	20.4				
Jan-26	58.3	26.8	9.4	20.6	59.7	28.3	9.8	20.1	56.3	25.4	9.7	19.6	57.8	26.1	9.6	21.3				
Feb-26	58.3	26.8	9.4	20.6	59.7	28.3	9.8	20.1	56.3	25.4	9.7	19.6	57.8	26.1	9.6	21.3				
Mar-26	59.2	27.5	10.5	19.6	58.1	26.4	9.0	20.8	57.2	28.5	11.2	21.3	56.6	25.3	8.8	22.9				
Max	57.5	26.8	9.4	19.6	57.6	26.4	9.0	19.0	55.3	25.1	9.1	19.6	56.2	25.3	8.8	19.0				
Min	60.6	28.7	10.5	22.5	61.3	29.4	10.9	21.5	58.9	28.5	11.2	22.6	59.8	28.4	10.3	22.9				
Avg	58.8	27.5	9.9	21.2	59.2	27.7	10.0	20.3	56.8	26.3	9.8	20.8	57.9	26.5	9.4	20.8				

for Chettinad Cement Corporation Private Limited

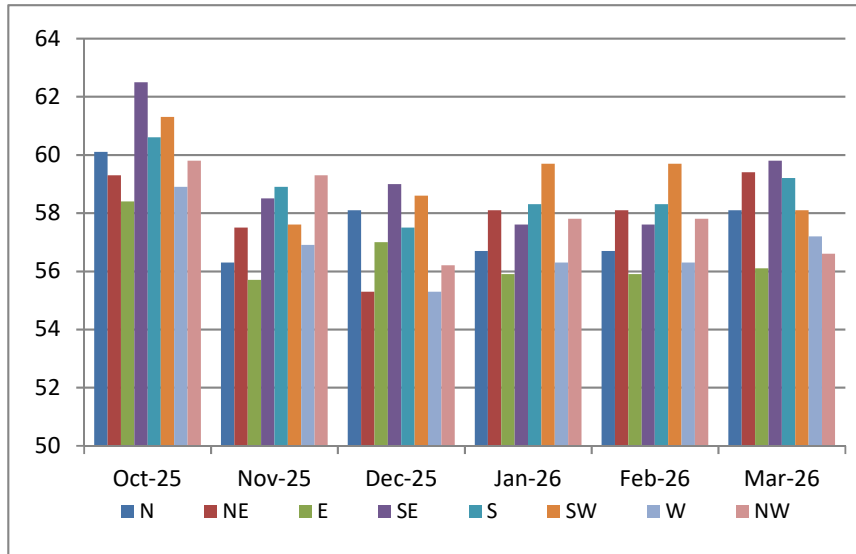
V. Krishnan

V.Krishnan
Joint President[works]

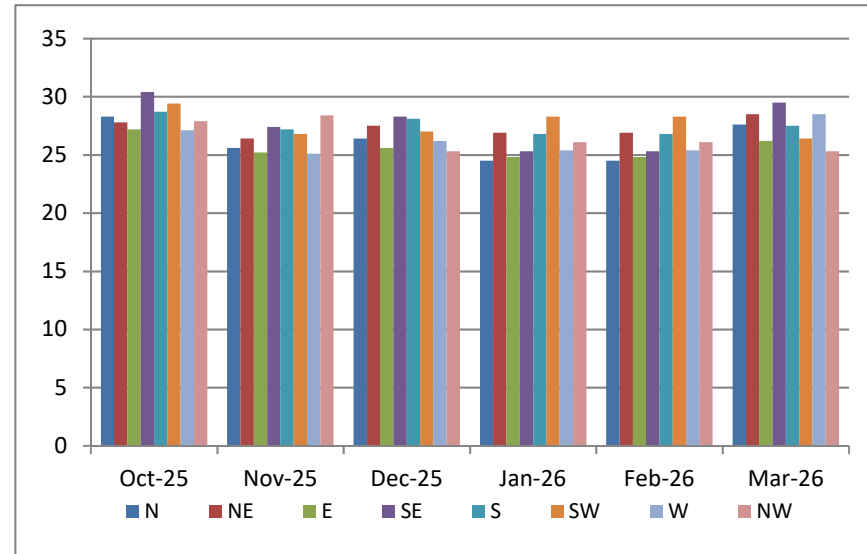


Chettinad Cement Corporation Private Limited, Karikkali Works
(Seethai Nagar Limestone Mines)

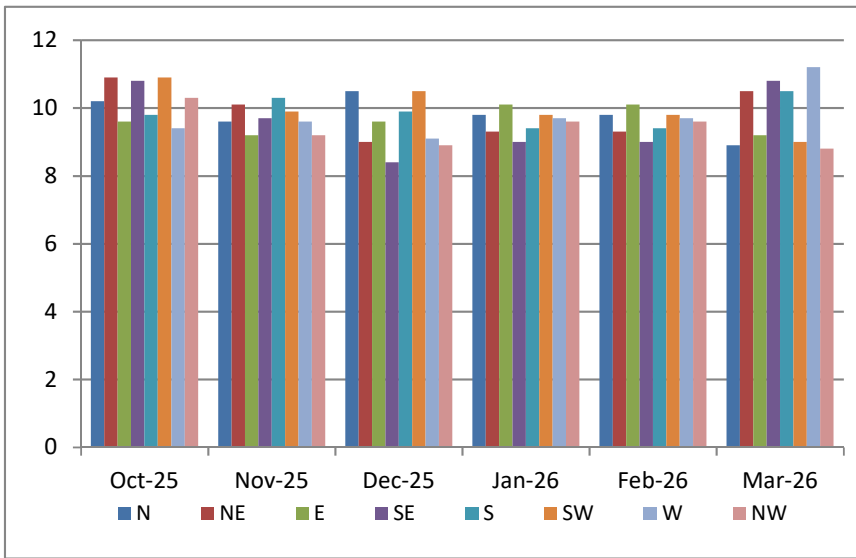
Trend Graph - Ambient Air Quality Data from October'2025 to March'2026



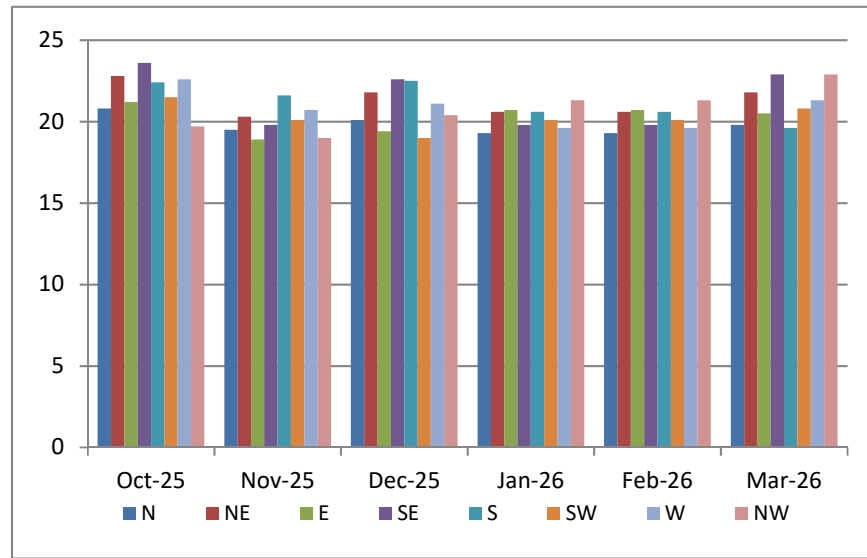
PM 10



PM2.5



SO2



NO2



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1

Report No. ENO-260309016-01 to 04

Report Date : 13 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED.
Customer Address : Seethai Nagar Limestone Mines, G.O.81, G.O.22 & G.O.26,
Alambadi, Mallapuram & Karikkali Villages, Guziliamparai Taluk, Dindigul - 624703.
Name : Air Sampling Date : 04 to 05 Mar 2026
Sample Description : Ambient Air Quality - 24 hrs Sampling Start Time : 09.00 am to 09.45 am
Reference : PO No.150014551 Sample Received on : 09 Mar 2026
Sample Drawn by : Laboratory Test Started on : 09 Mar 2026
Sample Procedure : IS 5182 Part V & Part XIV Test Completed on : 13 Mar 2026
Relative Humidity : 60% Ambient Temperature : 32°C

TEST RESULTS

Sl.No	Parameters	Test Method	Unit	NAAQ Norms	Near By RMRC School	Near By Colony STP	Near By Rangasamy Naidu Garden	Near By Perumal Koil
Direction from Mines					N	NE	E	SE
Distance from Mines in Meters					684	710	748	640
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg/m ³	80	8.9	10.5	9.2	10.8
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part-6)	µg/m ³	80	19.8	21.8	20.5	22.9
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part-23)	µg/m ³	100	58.1	59.4	56.1	59.8
4.	Particulate Matter(PM _{2.5})	IS 5182 (Part-24)	µg/m ³	60	27.6	28.5	26.2	29.5
5.	Ozone as O ₃ (1 hr)	IS 5182 (Part-9)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO-3.4	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part -10)	mg/m ³	02	BLQ (LOQ :1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part-25)	µg/m ³	400	BLQ (LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GM/SOP/07	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GEF/SOP/19	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO-3.4	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO-3.4	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ : Below Limit of Quantification LOQ : Limit of Quantification.

Conclusion : The above tested Sample Conforms to the NAAQ Standards for the above tested Parameters.

/***** End of the Report *****/

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6,Puduchatram,Thiruvallur High Road,Thirumazhisai Via,Poonamallee Tk,Thiruvallur,Chennai-600124,Tamil Nadu,India.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of the laboratory. Any corrections shall invalidate this test report. Laboratory is not responsible for authenticity of the xerox/photocopied test report. Unless otherwise agreed with customer, remnant non-perishable samples are disposed of 15 days after receipt, while perishable and environmental samples are discarded immediately upon test completion. All other regulatory samples are retained as per relevant regulatory requirements. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The laboratory accepts no liability regarding the origin or source from which the sample(s) is/ are said to be extracted.





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1

Report No. ENO-260309016-05 to 08

Report Date: 13 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED.
Customer Address : Seethai Nagar Limestone Mines, G.O.81, G.O.22 & G.O.26,
Alambadi, Mallapuram & Karikkali Villages, Guziliamparai Taluk, Dindigul - 624703.
Name : Air Sampling Date : 04 to 05 Mar 2026
Sample Description : Ambient Air Quality - 24 hrs Sampling Start Time : 10.00 am to 10.45 am
Reference : PO No.150014551 Sample Received on : 09 Mar 2026
Sample Drawn by : Laboratory Test Started on : 09 Mar 2026
Sample Procedure : IS 5182 Part V & Part XIV Test Completed on : 13 Mar 2026
Relative Humidity : 60% Ambient Temperature : 32°C

TEST RESULTS

Sl.No	Parameters	Test Method	Unit	NAAQ Norms	Near By Mallapuram Mine Pit	Near By South Alambadi Mine Pit	Near By West Alambadi Mine Pit	Near By Ammonium Nitrate Shed
Direction from Mines					S	SW	W	NW
Distance from Mines in Meters					602	618	638	614
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg/m ³	80	10.5	9.0	11.2	8.8
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part-6)	µg/m ³	80	19.6	20.8	21.3	22.9
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part-23)	µg/m ³	100	59.2	58.1	57.2	56.6
4.	Particulate Matter(PM _{2.5})	IS 5182 (Part-24)	µg/m ³	60	27.5	26.4	28.5	25.3
5.	Ozone as O ₃ (1 hr)	IS 5182 (Part-9)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO-3.4	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part -10)	mg/m ³	02	BLQ (LOQ:1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part-25)	µg/m ³	400	BLQ(LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GM/SOP/07	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GEF/SOP/19	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO-3.4	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO-3.4	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ : Below Limit of Quantification LOQ : Limit of Quantification.

Conclusion : The above tested Sample Conforms to the NAAQ Standards for the above tested Parameters.

/***** End of the Report *****/

M.S.
M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Chettinad Cement Corporation Private Limited, Karikkali Works

(Cement Plant & Captive Power Plant)

Ambient Noise Level Data [dB(A)] from October'2025 to March'2026

Month	Sukkanatham Village (North)		kanagupillaiyar Village (North East)		Near East Security Gate (East)		On top of B2 Quarters (South East)		On top of C5 Quarters (South)		Near Workers Quarters (South West)		Near Karikkali Village (West)		Vasavanaikanpatti Village (North West)		Permissible Limit	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct-25	52.0	41.5	52.9	41.4	52.0	42.3	52.1	43.0	52.9	42.2	53.5	42.8	53.1	42.4	52.1	42.2	55	45
Nov-25	53.0	42.0	52.5	43.9	53.3	42.1	53.5	42.6	53.5	43.0	53.5	41.8	52.3	42.2	54.2	42.1		
Dec-25	54.1	43.6	52.7	41.6	53.8	42.9	51.9	43.4	52.1	41.4	54.7	42.9	53.7	43.8	53.1	41.4		
Jan-26	52.7	41.9	51.6	41.8	52.2	42.5	53.4	43.1	52.9	43.4	51.7	41.7	53.3	42.2	52.2	43.3		
Feb-26	51.0	41.9	51.3	42.7	53.1	43.5	52.3	41.2	54.2	44.1	52.8	42.3	53.1	41.2	52.5	40.4		
Mar-26	51.6	42.5	52.5	41.5	52.7	41.4	51.6	42.6	53.4	41.9	51.2	40.9	52.7	43.3	53.5	41.7		
Max	54.1	43.6	52.9	43.9	53.8	43.5	53.5	43.4	54.2	44.1	54.7	42.9	53.7	43.8	54.2	43.3		
Min	51.0	41.5	51.3	41.4	52.0	41.4	51.6	41.2	52.1	41.4	51.2	40.9	52.3	41.2	52.1	40.4		
Avg	52.4	42.2	52.3	42.2	52.9	42.5	52.5	42.7	53.2	42.7	52.9	42.1	53.0	42.5	52.9	41.9		

Source Noise Level Data [dB(A)] from October'2025 to March'2026

Month	Kiln-1 Area		Kiln-2 Area		CPP1 & CPP2 Area		Packing House Area		Permissible Limit	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct-25	61.8	52.1	62.3	52.6	61.5	51.9	60.4	46.5	75	70
Nov-25	64.0	48.3	62.6	47.6	63.4	46.9	61.8	42.7		
Dec-25	65.7	53.0	64.4	53.5	65.8	54.4	56.1	45.5		
Jan-26	64.7	55.8	66.2	56.1	63.3	56.9	55.5	47.9		
Feb-26	67.7	41.8	68.6	43.7	68.1	42.6	62.5	41.7		
Mar-26	71.2	59.4	70.2	58.6	69.0	58.1	60.3	54.1		
Max	71.2	59.4	70.2	58.6	69.0	58.1	62.5	54.1		
Min	61.8	41.8	62.3	43.7	61.5	42.6	55.5	41.7		
Avg	65.9	51.7	65.7	52.0	65.2	51.8	59.4	46.4		

for Chettinad Cement Corporation Private Limited

V. Krishnan

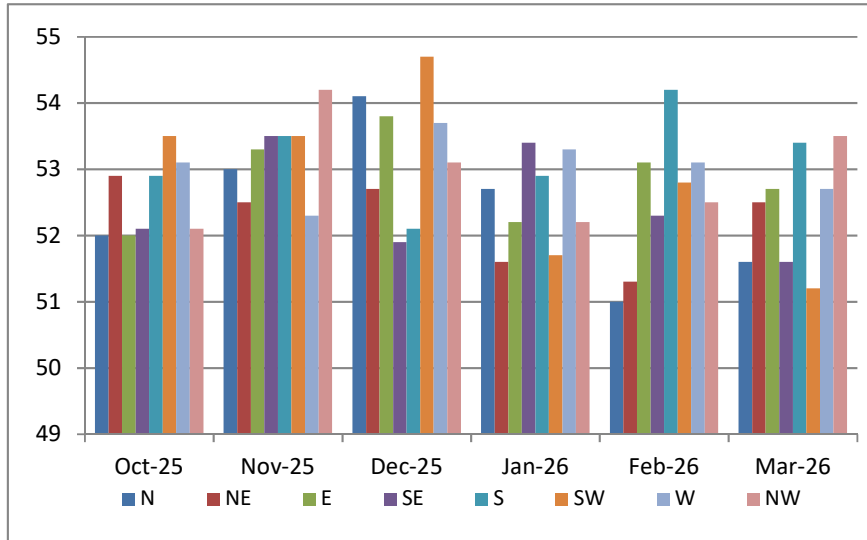
V. Krishnan

Joint President[works]

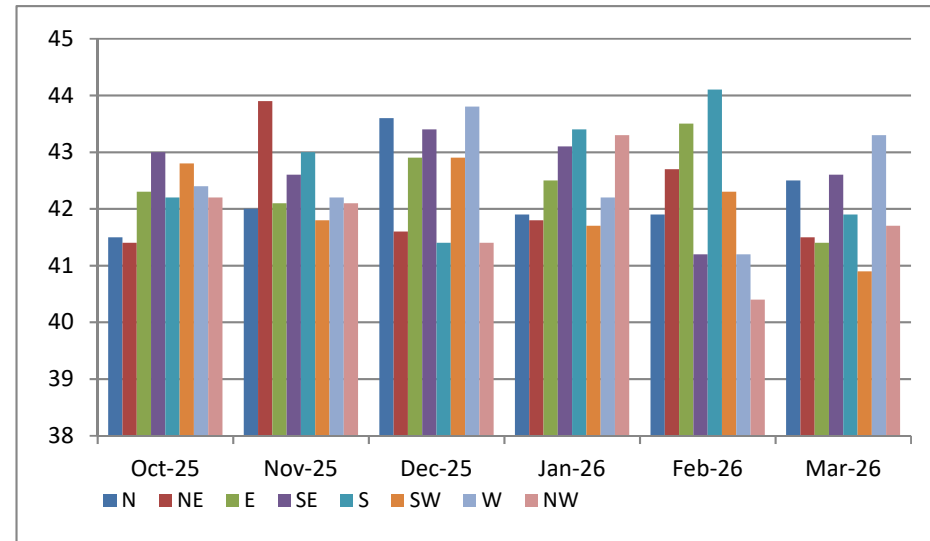


Chettinad Cement Corporation Private Limited, Karikkali Works
(Cement Plant & Captive Power Plant)

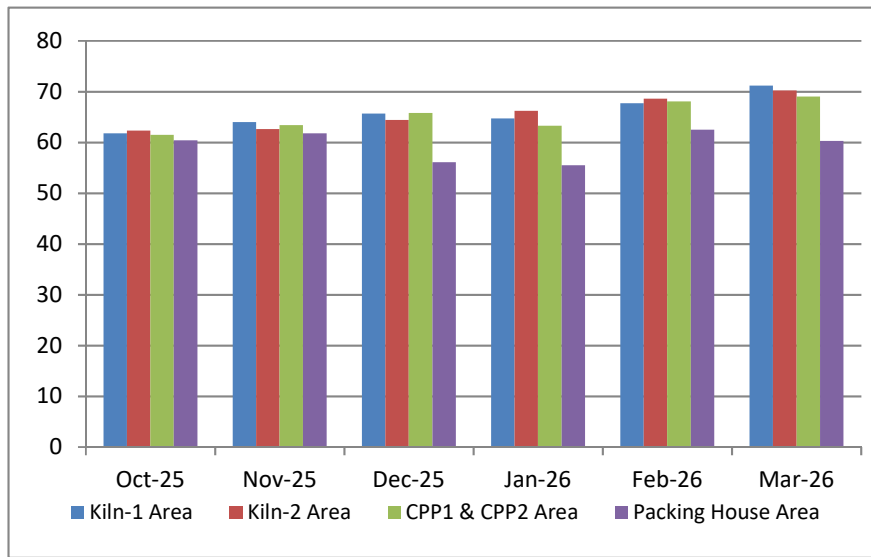
Trend Graph - Noise Level Data from October'2025 to March'2026



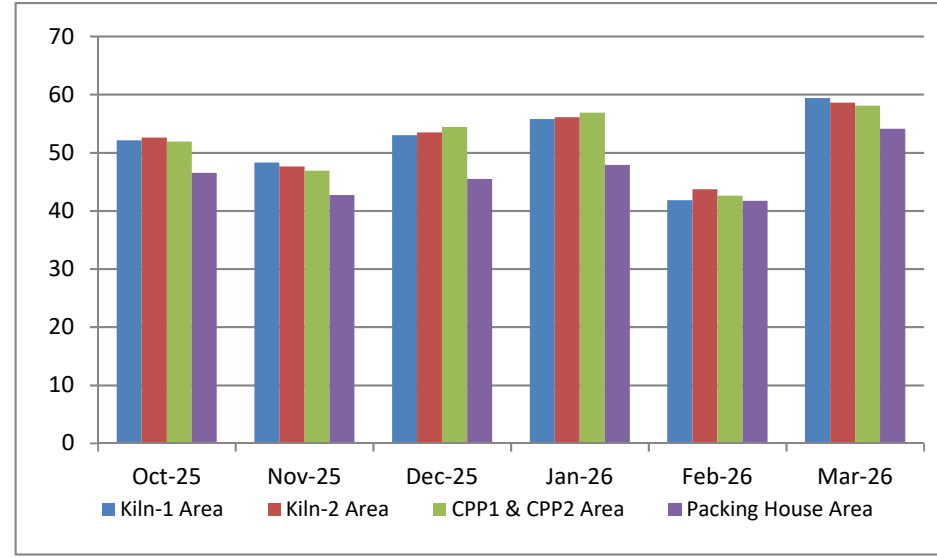
Ambinet Noise - Day Time (6 AM - 10PM)



Ambient Noise - Night Time (10PM - 6AM)



Source Noise - Day Time (6 AM - 10PM)



Source Noise - Night Time (10PM - 6AM)

TEST REPORT

TC-6118

Page 1 of 1

Report No : ENO-260309030-09

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
 Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul - 624703.
 Reference : PO No. 150014551
 Sample Description : Ambient Noise (Day & Night) Measurement Date : 02 Mar 2026
 Sample Procedure : IS 9989

TEST RESULTS

S.N	Location	Noise Level dB(A)						CPCB Standards (Residential Area) For Noise in Leq dB(A)	
		Day Time			Night Time			Day Time (06.00-22.00 hrs)	Night Time (22.00-06.00 hrs)
		Min	Max	Avg	Min	Max	Avg		
1	ArappaGounderThottam at Sukkanatham Village	50.8	52.4	51.6	41.5	43.5	42.5	55 Max	45 Max
2	Muniyappan Temple at Kanagupillaiyar Village	51.7	53.2	52.5	40.1	42.9	41.5		
3	Near East Security Gate	51.5	53.9	52.7	40.8	41.9	41.4		
4	Near B2 Quarters	50.4	52.8	51.6	41.8	43.4	42.6		
5	Near C5 Quarters	52.2	54.6	53.4	41.1	42.8	41.9		
6	Near Workers Quarters	50.1	52.3	51.2	40.5	41.2	40.9		
7	Near ChellappaNaicker House at Karikkali Village	51.8	53.5	52.7	42.6	43.9	43.3		
8	ArumugaGounderThottam at Vasavanaikkanpatti Village	52.1	54.8	53.5	40.7	42.6	41.7		

Conclusion: The above tested sample Conforms the CPCB Standards for the above tested locations.

/***** End of the Report *****/

M.S.

M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Pudukhatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1

Report No : ENO-260309030-10

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
 Customer Address : Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul – 624703.
 Reference : PO No. 150014551
 Sample Description : Source Noise (Day & Night) Measurement Date : 02 Mar 2026
 Sample Procedure : IS 9989

TEST RESULTS

Sl.No	Location	Noise Level dB(A)						The Tamil Nadu Factories Rules 1950
		Day Time (06.00-22.00 hrs)			Night Time (22.00-06.00 hrs)			85dB(A)
		Min	Max	Avg	Min	Max	Avg	
1	Kiln-1	67.5	69.8	71.2	53.8	54.9	59.4	
2	Kiln-2	66.9	68.5	70.2	52.9	54.2	58.6	
3	CPP 1 & 2 Boiler Area	63.4	67.6	69.0	52.4	53.8	58.1	
4	Packing House	62.7	65.8	60.3	53.5	54.7	54.1	

Conclusion: The above tested sample Conforms The Factories Rules 1950 standards for the above tested locations.

/***** End of the Report *****/

M. Sarathkumar

M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Chettinad Cement Corporation Private Limited, Karikkali Works

(Seethai Nagar Limestone Mines)

Ambient Noise Level Data [dB(A)] from October'2025 to March'2026

Month	RMRC School (North)		Coloby STP (North East)		Rangasamy Naidu Garden (East)		Perumal Koil (South East)		Mallapuram Mine Pit (South)		South Alambadi Mine Pit (South West)		West Alambadi Mine Pit (West)		Ammonium Nitrite Shed (North West)		Permissible Limit	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct-25	50.2	43.4	52.5	42.2	51.5	41.7	53.9	40.9	51.5	42.5	51.8	43.2	53.0	43.6	52.2	42.0	55	45
Nov-25	51.5	41.3	50.3	41.0	50.6	42.2	49.9	40.7	51.5	42.8	51.9	41.6	52.9	42.8	53.4	41.9		
Dec-25	51.2	41.9	50.5	42.6	50.7	41.6	50.3	42.6	51.2	43.5	49.3	44.3	51.7	42.8	49.3	43.5		
Jan-26	50.9	41.1	51.8	41.7	52.7	42.5	50.2	41.5	52.5	44.0	52.4	42.3	53.4	43.2	52.6	43.1		
Feb-26	52.5	42.0	51.8	42.3	52.9	43.7	52.0	42.5	53.0	42.9	53.6	42.9	51.7	42.2	51.6	43.4		
Mar-26	52.1	41.7	52.4	42.8	51.2	42.3	51.7	40.7	52.4	42.2	51.0	42.9	52.6	41.0	50.8	41.5		
Max	52.5	43.4	52.5	42.8	52.9	43.7	53.9	42.6	53.0	44.0	53.6	44.3	53.4	43.6	53.4	43.5		
Min	50.2	41.1	50.3	41.0	50.6	41.6	49.9	40.7	51.2	42.2	49.3	41.6	51.7	41.0	49.3	41.5		
Avg	51.4	41.9	51.6	42.1	51.6	42.3	51.3	41.5	52.0	43.0	51.7	42.9	52.6	42.6	51.7	42.6		

Source Noise Level Data [dB(A)] from October'2025 to March'2026

Month	SLM Crusher -1		SLM Crusher -2		Near Compressor Room		Near Work Shop		Permissible Limit	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct-25	82.4	42.3	83.8	41.8	62.9	42.5	52.1	41.6	75	70
Nov-25	67.6	42.8	66.7	43.4	41.6	42.4	41.5	43.0		
Dec-25	71.6	41.8	69.7	43.5	72.3	43.4	67.2	44.4		
Jan-26	74.9	42.5	73.8	43.1	61.9	41.4	63.0	43.6		
Feb-26	77.9	42.8	77.2	41.3	62.3	43.7	62.0	43.1		
Mar-26	68.3	41.8	67.6	41.6	62.3	41.0	61.8	42.8		
Max	82.4	42.8	83.8	43.5	72.3	43.7	67.2	44.4		
Min	67.6	41.8	66.7	41.3	41.6	41.0	41.5	41.6		
Avg	73.8	42.3	73.1	42.5	60.6	42.4	57.9	43.1		

for Chettinad Cement Corporation Private Limited

V. Krishnan

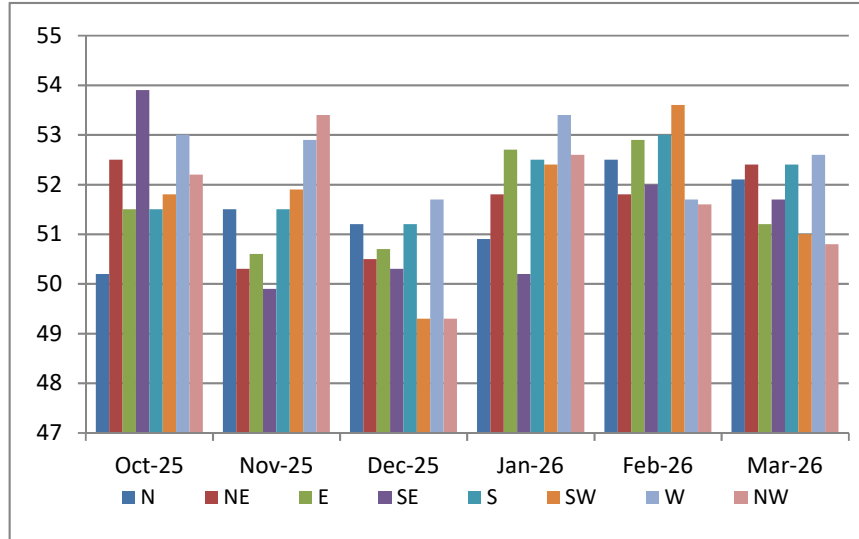
V. Krishnan



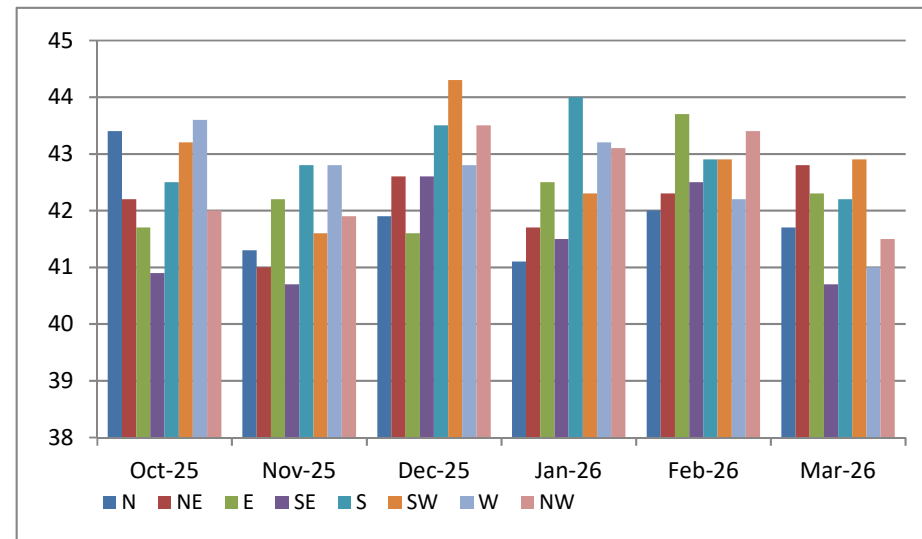
Chettinad Cement Corporation Private Limited, Karikkali Works

(Seethai Nagar Limestone Mines)

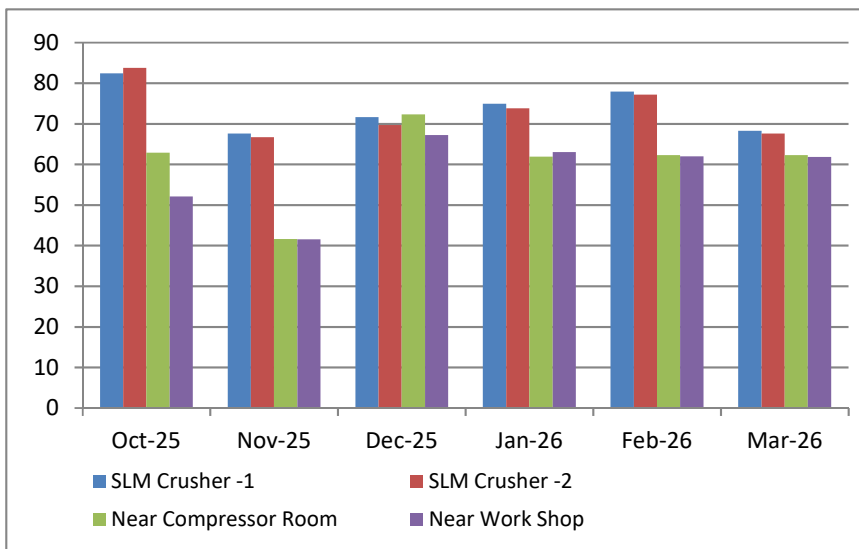
Trend Graph - Noise Level Data from October'2025 to March'2026



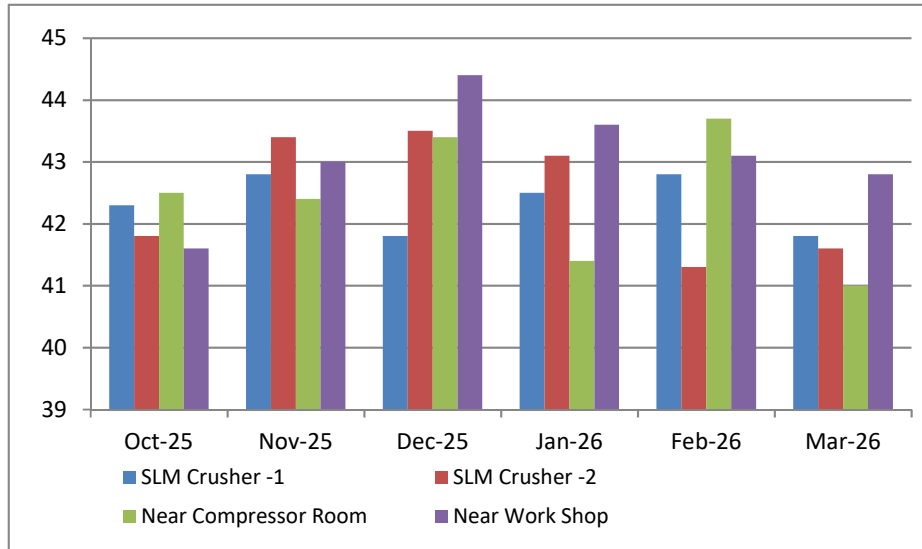
Ambinet Noise - Day Time (6 AM - 10PM)



Ambient Noise - Night Time (10PM - 6AM)



Source Noise - Day Time (6 AM - 10PM)



Source Noise - Night Time (10PM - 6AM)



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1

Report No : ENO-260309016-09

Report Date : 13 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED.
Customer Address : Seethai Nagar Limestone Mines, G.O.81, G.O.22 & G.O.26,
Alambadi, Mallapuram & Karikkali Villages, Guziliamparai Taluk, Dindigul - 624703.
Sample Description : Ambient Noise (Day & Night) Measurement Date : 03 Mar 2026
Sample Procedure : IS 9989
Reference : PO No.150014551

TEST RESULTS

S.N	Location	Direction from mines	Distance from mines in meters	Noise Level dB(A)						CPCB Standards (Residential Area) For Noise in Leq dB(A)	
				Day Time (06.00-22.00 hrs)			Night Time (22.00-06.00 hrs)			Day Time (06.00-22.00 hrs)	Night Time (22.00-06.00 hrs)
				Lmin	Lmax	Leq	Lmin	Lmax	Leq		
1	Near RMRC School	North	684	51.4	52.8	52.1	41.0	42.4	41.7	55	45
2	Near Colony Sewage Treatment Plant	North East	710	52.0	52.9	52.4	42.0	43.6	42.8		
3	Near Mr.Rangasany Naidu Garden at Nataparai Mine Pit	East	748	50.9	51.6	51.2	41.7	42.9	42.3		
4	Near Perumal Koil	South East	640	50.6	52.8	51.7	40.1	41.3	40.7		
5	Near Garden Area at Mallapuram Mine Pit	South	602	52.1	52.7	52.4	41.8	42.7	42.2		
6	Near Watch Tower at South Alambadi Mine Pit	South West	618	50.3	51.8	51.0	42.0	43.8	42.9		
7	Near Watch Tower at West Alambadi Mine Pit	West	638	52.3	52.9	52.6	40.7	41.3	41.0		
8	Near Ammonium Nitrate Shed	North West	614	50.3	51.4	50.8	40.3	42.8	41.5		

Conclusion : The above tested Sample Conforms to the CPCB Standards for the above tested Locations.

/***** End of the Report *****/

M. S.

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Report No : ENO-260309016-10

Report Date : 13 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED.
Customer Address : Seethai Nagar Limestone Mines, G.O.81, G.O.22 & G.O.26,
 Alambadi, Mallapuram & Karikkali Villages, Guziliamparai Taluk, Dindigul - 624703.
Sample Description : Source Noise (Day & Night)
Sample Procedure : IS 9989 **Measurement Date :** 03 Mar 2026
Reference : PO No.150014551

TEST RESULTS

Sl.No	Location	Noise Level dB(A)						The Tamil Nadu Factories Rules 1950
		Day Time (06.00-22.00 hrs)			Night Time (22.00-06.00 hrs)			
		Lmin	Lmax	Leq	Lmin	Lmax	Leq	85dB(A)
1	Crusher - 1	63.8	72.8	68.3	40.9	42.7	41.8	
2	Crusher - 2	62.6	72.6	67.6	41.3	42.0	41.6	
3	Near Compressor Room	61.3	63.4	62.3	40.3	41.8	41.0	
4	Near Work Shop	60.9	62.8	61.8	42.3	43.4	42.8	

Conclusion: The above tested Sample Conforms to the Tamil Nadu Factories Rules 1950 Standards for the above tested Locations.

/***** End of the Report *****/


M. Sarathkumar
 Authorized Signatory-Chemical

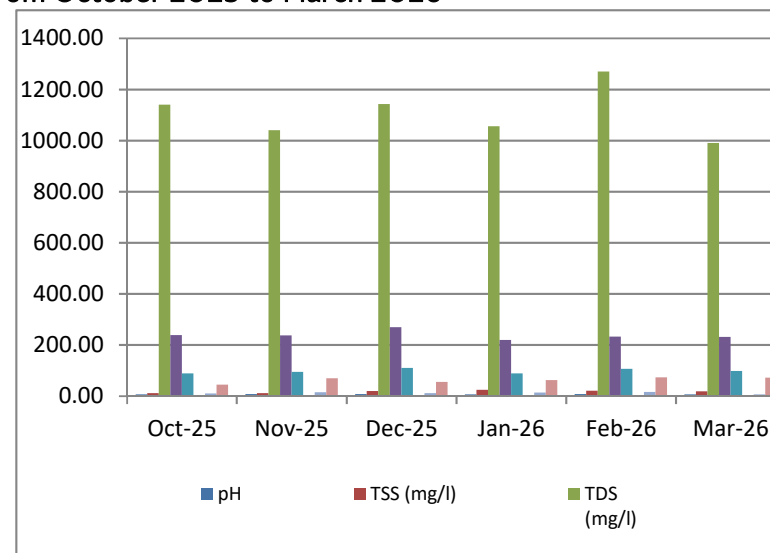


Chettinad Cement Corporation Private Limited, Karikkali Works

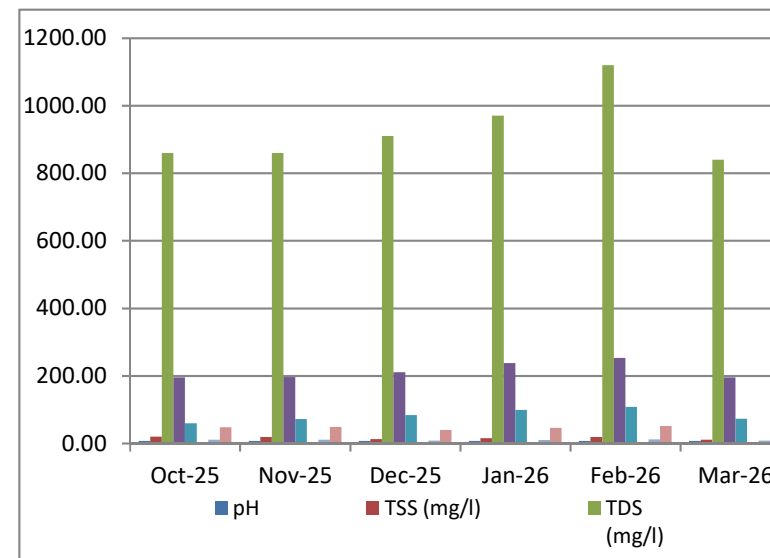
(Cement Plant & Captive Power Plant)

Treated Effluent Water Quality Data from October'2025 to March'2026

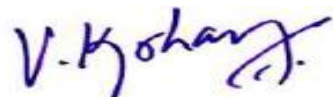
Month	Treated Trade Effluent (CPP)							
	pH	TSS (mg/l)	TDS (mg/l)	Chloride (mg/l)	Sulphate (mg/l)	Oil & grease (mg/l)	BOD (mg/l)	COD (mg/l)
Oct-25	6.91	11.0	1140	238	89	0.1	10.0	44.0
Nov-25	7.05	11.0	1040	237	94	0.1	15.0	69.0
Dec-25	7.16	19.0	1143	270	110	0.1	11.0	55.0
Jan-26	6.87	24.0	1056	219	89	0.1	14.0	62.0
Feb-26	7.13	21.0	1270	233	106	0.1	16.0	73.0
Mar-26	6.93	18.0	990	231	98	0.1	7.0	72.0
Max	7.16	24.0	1270	270	110	0.1	16.0	73.0
Min	6.87	11.0	990	219	89	0.1	7.0	44.0
Avg	7.01	17.3	1107	238	98	0.1	12.2	62.5
Permissible Limit	5.5-9.0	2100	100	1000	1000	10	30	250



Month	Treated Sewage (Cement Plant & Power Plant)							
	pH	TSS (mg/l)	TDS (mg/l)	Chloride (mg/l)	Sulphate (mg/l)	Oil & grease (mg/l)	BOD (mg/l)	COD (mg/l)
Oct-25	6.95	20.0	860	195	59	0.0	11.0	48.0
Nov-25	6.71	19.0	860	196	72	0.0	11.0	49.0
Dec-25	6.83	13.0	910	211	84	0.0	8.0	40.0
Jan-26	6.98	15.0	970	238	99	0.0	10.0	46.0
Feb-26	7.20	19.0	1120	253	108	0.0	12.0	51.0
Mar-26	6.71	11.0	840	195	73	0.0	8.0	36.0
Max	7.20	20.0	1120	253	108	0.0	12.0	51.0
Min	6.71	11.0	840	195	59	0.0	8.0	36.0
Avg	6.90	16.2	927	215	83	0.0	10.0	45.0
Permissible Limit	5.5-9.0	2100	100	1000	1000	10	30	250



for Chettinad Cement Corporation Private Limited



V.Krishnan

Joint President[works]





SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Report No. ENO-260309030-21 to 22

Page 1 of 1
Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, karikkali Village, Guziliamparai Taluk, Dindigul – 624703.
Sample Name : Water – Factory STP
Reference : PO No. 150014551
Sample Drawn by : Laboratory
Sample procedure : SMSLA/EN/SOP/001

Sampling Quantity : 5 Ltr Each
Sampling Date : 07 Mar 2026
Sample received on : 09 Mar 2026
Test Started on : 09 Mar 2026
Test completed on : 14 Mar 2026

TEST RESULTS

S.No	Parameters	Test Method	Unit	STP Water		TNPCB Norms
				Inlet	Outlet	Outlet
Biological						
1.	Faecal Coliforms	APHA 24th Edition 9221 Cl E - 2023	MPN/100mL	>1600	70	<1000
Physical						
2.	pH @ 25°C	APHA 24th Edition 4500 H+ B - 2023	--	7.05	6.71	5.5 – 9.0
3.	Total Dissolved Solids	APHA 24th Edition 2540 C - 2023	mg/L	1070	840	--
4.	Total Suspended solids	APHA 24th Edition 2540 D - 2023	mg/L	160	11	30
Chemical						
5.	Chloride as Cl	APHA 24th Edition 4500 Cl B - 2023	mg/L	297	195	--
6.	Sulphate as SO ₄	APHA 24th Edition 4500 SO ₄ E - 2023	mg/L	128	73	--
7.	Oil & Grease	APHA 24th Edition 5520 - 2023	mg/L	BLQ (LOQ:4.0)		--
8.	Biochemical Oxygen Demand @27°C for 3days	IS 3025 (Part 44) - 2023	mg/L	65	8	20
9.	Chemical Oxygen Demand	IS 3025 (Part 58) - 2023	mg/L	289	36	100

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Remarks: The STP Outlet Water sample conforms to TNPCB discharge limit for the Parameters tested above.

/***** End of the Report *****/

J. Mohammed Shabir
Authorized Signatory-Biological

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Page 1 of 1

Report No. ENO-260309030-27 to 28

Report Date: 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, karikkali Village, Guziliamparai Taluk, Dindigul – 624703.
Sample Name : Water-CPP ETP Water
Reference : PO No. 150014551
Sample Drawn by : Laboratory
Sample procedure : SMSLA/EN/SOP/001
Sample Quantity : 5 Ltr Each
Sampling Date : 07 Mar 2026
Sample received on : 09 Mar 2025
Test Started on : 09 Mar 2026
Test completed on : 14 Mar 2026

TEST RESULTS

S.No	Parameters	Test Method	Unit	ETP Water		TNPCB Norms (Outlet)
				Inlet	Outlet	
Physical						
1.	pH @ 25°C	APHA 24th Edition 4500 H+ B - 2023	--	7.43	6.93	5.5 – 9.0
2.	Total Dissolved Solids	APHA 24th Edition 2540 C - 2023	mg/L	1470	990	2100
3.	Total Suspended solids	APHA 24th Edition 2540 D - 2023	mg/L	230	18	100
Chemical						
4.	Chloride as Cl	APHA 24th Edition 4500 Cl B - 2023	mg/L	372	231	1000
5.	Sulphate as SO ₄	APHA 24th Edition 4500 SO4 E - 2023	mg/L	216	98	1000
6.	Oil & Grease	APHA 24th Edition 5520 - 2023	mg/L	BLQ(LOQ:4.0)		10
7.	Biochemical Oxygen Demand @27°C for 3days	IS 3025 (Part 44) - 2023	mg/L	90	7	30
8.	Chemical Oxygen Demand	IS 3025 (Part 58) - 2023	mg/L	398	72	250

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Remarks : The ETP Outlet Water sample conforms to TNPCB discharge limit for the Parameters tested above.

/***** End of the Report *****/

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchetram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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Chettinad Cement Corporation Private Limited, Karikkali Works

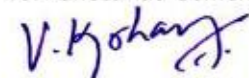
(Cement Plant & Captive Power Plant)

Ground Water Quality Data from October'2025 to March'2026

Sr. No	Parameter	UoM	Karikkali Village		Dholipatti Village		Kottanatham Village		Palayam Village		Acceptable Limit
			20.12.25	07.03.26	20.12.25	07.03.26	20.12.25	07.03.26	20.12.25	07.03.26	
I. Physical Examination											
1	Appearance	-	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
2	Colour, Hazen Units	-	2	2	5	5	2	2	5	5	15
3	Odour	-	Agreeable								Agreeable
4	pH value	-	7.40	7.31	7.28	7.36	7.60	7.44	7.33	7.53	6.5-8.5
5	Turbidity	NTU	0.40	0.60	0.80	0.90	0.50	0.70	0.70	0.90	5
6	Total dissolved Solids	mg/l	640	690	569	586	583	610	633	660	2000
7	Total suspended Solids	mg/l	BLQ (LOQ : 2.0)								-
II. Chemical Examination											
8	ph.Alkanity as CaCO ₃	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	-
9	Total Alkanity as CaCO ₃	mg/l	210	228	188	210	195	206	220	231	600
10	Total Hardness as CaCO ₃	mg/l	218	231	201	214	196	209	225	246	600
11	Calcium Hardness as CaCO3	mg/l	129	136	116	125	108	116	132	148	-
12	Magnesium Hardess as CaCO3	mg/l	89	95	85	89	88	93	93	98	-
13	Calcium as Ca	mg/l	52	54	46	50	43	46	53	59	200
14	Magnesium as Mg	mg/l	21	23	20	21	21	22	22	24	100
15	Sodium as Na	mg/l	64	71	53	58	55	63	60	65	-
16	Iron as Fe	mg/l	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.3
17	Silica as SiO2	mg/l	21	25	16	19	18	21	23	26	-
18	Manganese as Mn	mg/l	BLQ(LOQ:0.001)								0.3
19	Free Ammonia as NH ₃	mg/l	BDL(DL:0.03)								0.5
20	Nitrite as NO2	mg/l	BDL(DL:0.01)								-
21	Nitrate as NO3	mg/l	18	21	13	16	15	17	21	25	45
22	Chloride as Cl	mg/l	136	141	135	148	116	128	130	147	1000
23	Fluride as F	mg/l	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.5
24	Boron as B	mg/l	BLQ(LOQ:0.001)								1
25	Copper as Cu	mg/l	BLQ(LOQ:0.001)								1.5
26	Free residual chlorine	mg/l	BDL(DL:0.1)								1
27	Mineral Oil	mg/l	BLQ(LOQ:0.5)								0.5
28	Sulphate as SO4	mg/l	85	93	67	75	66	71	80	87	400
29	Selenium as Se	mg/l	BLQ(LOQ:0.001)								0.05
30	Anionic detergents as MBAS	mg/l	BDL(DL:0.05)								-
31	Phenolic Compound as C ₆ H ₅ OH	mg/l	BDL(DL:0.001)								0.001
32	Cadmium as Cd	mg/l	BLQ(LOQ:0.001)								0.003
33	Cyanide as CN	mg/l	BDL(DL:0.01)								0.05
34	Lead as Pb	mg/l	BLQ(LOQ:0.001)								0.01
35	Mercury as Hg	mg/l	BLQ(LOQ:0.0005)								0.001
36	Total Arsenic as As	mg/l	BLQ(LOQ:0.001)								0.05
37	Total Chromium as Cr	mg/l	BLQ(LOQ:0.001)								0.05
III. Bacteriological Examination											
38	Total Coliform	-	Absent / 100ml								Absent /100ml
BDL : Below Detectable Level, LOQ : Limit of Quantification, BLQ :Below Quanitication Limit											

BDL : Below Detectable Level, LOQ : Limit of Quantification, BLQ :Below Quanitication Limit

for Chettinad Cement Corporation Private Limited



V.Krishnan

Joint President[works]



Chettinad Cement Corporation Private Limited, Karikkali Works

(Seethai Nagar Limestone Mines)

Ground Water Quality Data from October'2025 to March'2026

Sr. No	Parameter	UoM	Alambadi Village		Mallapuram Village		Vasavanayakanpatti Village		kattareddiyar Village		Acceptable Limit
			18.12.25	07.03.26	18.12.25	07.03.26	18.12.25	07.03.26	18.12.25	07.03.26	
I. Physical Examination											
1	Appearance	-	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
2	Colour, Hazen Units	-	5	2	5	2	5	2	5	2	15
3	Odour	-	Agreeable								Agreeable
4	pH value	-	7.60	7.39	7.35	7.58	7.45	7.40	7.51	7.62	6.5-8.5
5	Turbidity	NTU	0.40	0.50	0.50	0.60	0.60	0.50	0.50	0.50	5
6	Total dissolved Solids	mg/l	594	622	611	580	625	595	540	612	2000
7	Total suspended Solids	mg/l	BDL (DL : 2.0)								-
II. Chemical Examination											
8	ph.Alkanity as CaCO ₃	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	-
9	Total Alkanity as CaCO ₃	mg/l	209	195	228	182	232	176	195	202	600
10	Total Hardness as CaCO ₃	mg/l	206	218	215	196	226	208	180	210	600
11	Calcium Hardness as CaCO3	mg/l	126	120	130	110	134	111	98	117	-
12	Magnesium Hardess as CaCO3	mg/l	80	98	85	86	92	97	82	93	-
13	Calcium as Ca	mg/l	50	48	52	44	54	44	39	47	200
14	Magnesium as Mg	mg/l	19	24	20	21	22	23	20	22	100
15	Sodium as Na	mg/l	69	82	75	74	82	68	63	76	-
16	Iron as Fe	mg/l	0.05	0.05	0.05	0.50	0.05	0.05	0.05	0.05	0.3
17	Silica as SiO2	mg/l	13.0	24.0	20.0	23.0	22.0	19.0	12.0	26.0	-
18	Manganese as Mn	mg/l	BLQ(LOQ:0.001)								0.3
19	Free Ammonia as NH ₃	mg/l	BDL(DL:0.03)								0.5
20	Nitrite as NO2	mg/l	BDL(DL:0.01)								-
21	Nitrate as NO3	mg/l	18	13	21	14	25	10	16	15	45
22	Chloride as Cl	mg/l	160	175	175	165	182	170	155	181	1000
23	Fluride as F	mg/l	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.5
24	Boron as B	mg/l	BLQ(LOQ:0.001)								1
25	Copper as Cu	mg/l	BLQ(LOQ:0.001)								1.5
26	Free residual chlorine	mg/l	BDL(DL:0.1)								1
27	Mineral Oil	mg/l	BLQ(LOQ:0.5)								0.5
28	Sulphate as SO4	mg/l	90	90	96	72	95	66	82	85	400
29	Selenium as Se	mg/l	BLQ(LOQ:0.001)								0.05
30	Anionic detergents as MBAS	mg/l	BDL(DL:0.05)								-
31	Phenolic Compound as C ₆ H ₅ OH	mg/l	BDL(DL:0.001)								0.001
32	Cadmium as Cd	mg/l	BLQ(LOQ:0.001)								0.003
33	Cyanide as CN	mg/l	BDL(DL:0.01)								0.05
34	Lead as Pb	mg/l	BLQ(LOQ:0.001)								0.01
35	Mercury as Hg	mg/l	BLQ(LOQ:0.0005)								0.001
36	Total Arsenic as As	mg/l	BLQ(LOQ:0.001)								0.05
37	Total Chromium as Cr	mg/l	BLQ(LOQ:0.001)								0.05
III. Bacteriological Examination											
38	Total Coliform	-	Absent / 100ml								Absent /100ml
BDL : Below Detectable Level, LOQ : Limit of Quantification, BLQ :Below Quanitication Limit											

BDL : Below Detectable Level, LOQ : Limit of Quantification, BLQ :Below Quanitication Limit

for Chettinad Cement Corporation Private Limited

V. Krishnan
V.Krishnan
Joint President[works]



Report No. ENO-260309030-30 to 33

Report Date : 14 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Rani Meyyammai Nagar, karikkali Village, Guziliampara Taluk, Dindigul – 624703.
Sample Name : Water **Sample Quantity :** 5 Ltr x 200 mL
Sample Description : Ground Water **Sampling Date :** 07 Mar 2026
Reference : Test Request Form Dated 02.03.2026 **Sample received on :** 09 Mar 2026
Sample Drawn by : Laboratory **Test Started on :** 09 Mar 2026
Sample procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06 **Test completed on :** 14 Mar 2026

TEST RESULTS

S.No	Parameters	Test Method	Unit	Sample Locations			
				Karikkali Village	Dholipatti Village	Kottanatham Village	Palayam Village
Biological							
1.	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent			
Chemical							
2.	Alkalinity as CaCO3	IS 3025(Part-23)	mg/L	228	210	206	231
3.	Ammonia as Total ammonia-N	IS 3025 (Part 34)	mg/L	BLQ(LOQ:0.03)			
4.	Magnesium hardness as CaCO3	IS 3025 Part-46	mg/L	95	89	93	98
5.	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part-23)	mg/L	BLQ (LOQ:2.0)			
6.	Silica as SiO2	IS 3025 (Part-35)	mg/L	25	19	21	26
7.	Total suspended Solids (TSS)	IS 3025 (Part-17)	mg/L	BLQ (LOQ:2.0)			
Chemical Elements							
8.	Sodium as Na	IS 3025 Part45	mg/L	71	58	63	65
Clause 5.2, Table 1 Organoleptic And Physical							
9.	Colour	IS 3025 (Part-4)	Hazen	2.0	5.0	2.0	5.0
10.	Odour	IS 3025 (Part-5)	--	Agreeable			
11.	pH Value	IS 3025 (Part-11)	--	7.31	7.36	7.44	7.53
12.	Total Dissolved solids	IS 3025 (Part-16)	mg/L	690	586	610	660
13.	Turbidity	IS 3025 (Part-10)	NTU	0.6	0.9	0.7	0.9
Clause 5.2, Table 1 Organoleptic And Physical Parameters							
14.	Calcium Hardness as CaCO3	IS 3025 (Part-40)	mg/L	136	125	116	148


J. Mohammed Shabir
Authorized Signatory-Biological


M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of the laboratory. Any corrections shall invalidate this test report. Laboratory is not responsible for authenticity of the xerox/photocopied test report. Unless otherwise agreed with customer, remnant non-perishable samples are disposed of 15 days after receipt, while perishable and environmental samples are discarded immediately upon test completion. All other regulatory samples are retained as per relevant regulatory requirements. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The laboratory accepts no liability regarding the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

TC-6118

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Report No. ENO-260309030-30 to 33

Report Date : 14 Mar 2026

S.No	Parameters	Test Method	Unit	Sample Locations			
				Karikkali Village	Dholipatti Village	Kottanatham Village	Palayam Village
Clause 5.2, Table 2 General Parameters Concerning Substances undesirable In Excessive Amounts							
15.	Anionic detergents as MBAS	Annex K of IS 13428	mg/L	BLQ (LOQ:0.05)			
16.	Boron as B	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
17.	Chloride as Cl	IS 3025 (Part-32)	mg/L	141	148	128	147
18.	Copper as Cu	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
19.	Fluoride as F	IS 3025 (Part-60)	mg/L	0.2	0.2	0.2	0.2
20.	Free residual chlorine	IS 3025 (Part-26)	mg/L	BLQ (LOQ:0.1)			
21.	Iron as Fe	IS 3025 (Part-53)	mg/L	BLQ(LOQ:0.05)			
22.	Manganese as Mn	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
23.	Mineral Oil	IS 3025 (Part-39)	mg/L	BLQ(LOQ:0.5)			
24.	Nitrate as NO3	APHA 23 rd Edition:4500 NO ₃ B	mg/L	21	16	17	25
25.	Nitrite as NO2	IS 3025 (Part-34)	mg/L	BLQ(LOQ:0.01)			
26.	Phenolic Compound as C6H5OH	IS 3025 (Part-43)	mg/L	BLQ(LOQ:0.001)			
27.	Selenium as Se	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
28.	Sulphate as SO4	IS 3025 (Part-24)	mg/L	93	75	71	87
29.	Total Hardness as CaCO3	IS 3025 (Part-21)	mg/L	231	214	209	246
Clause 5.2, Table 3 Parameters Concerning Toxic Substances							
30.	Cadmium as Cd	IS3025(Part-65)	mg/L	BLQ (LOQ:0.001)			
31.	Cyanide as CN	IS 3025 (Part-27)	mg/L	BLQ (LOQ:0.01)			
32.	Lead as Pb	IS3025(Part-65)	mg/L	BLQ (LOQ:0.001)			
33.	Mercury as Hg	EPA 200.8	mg/L	BLQ (LOQ:0.0005)			
34.	Total Arsenic as As	IS 3025 (Part-65)	mg/L	BLQ (LOQ:0.001)			
35.	Total Chromium as Cr	IS 3025 (Part-65)	mg/L	BLQ (LOQ:0.001)			
Physical							
36.	Appearance	APHA 23rd Edition: 2110	--	Clear	Clear	Clear	Clear
37.	Conductivity @25°C	IS 3025 (Part-14)	µs/cm	1216	1031	1089	1159

Note: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification. NTU : Nephelometric Turbidity Units

/***** End of the Report *****/

M. Sarathkumar

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumangaloor Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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TEST REPORT

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Report No : ENO-260309016-17-20
Report Date : 13 Mar 2026

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Customer Address : Seethai Nagar Limestone Mines, G.O.81,G.O.22 & G.O.26,Alambadi, Mallapuram&Karikkali Villages, GuziliamparaiTaluk, Dindigul-624703.
Sample Name : Water **Sample Quantity :** 5Ltr +200 mL
Sample Description : Ground Water **Sampling Date :** 07 Mar 2026
Reference : Test Request Form Dated 04.03.2026 **Sample Received on :** 09 Mar 2026
Sample Drawn By : Laboratory **Test Started on :** 09 Mar 2026
Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06 **Test Completed on :** 13 Mar 2026

TEST RESULTS

S.No	Parameters	Test Method	Unit	Sample Locations			
				Alambadi Village	Mallapuram Village	Vasavanaya kanpatti Village	Kattareddiyar Village
Biological							
1.	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent			
Chemical							
2.	Total Alkalinity as CaCO3	IS 3025(Part-23)	mg/L	195	182	176	202
3.	Free Ammonia as NH3	IS 3025 (Part-34)	mg/L	BLQ (LOQ:0.5)			
4.	Magnesium hardness as CaCO3	IS 3025 Part-46	mg/L	98	86	97	93
5.	Phenolphthalein Alkalinity as CaCO3	IS 3025(Part-23)	mg/L	BLQ (LOQ:2.0)			
6.	Silica as SiO2	IS 3025 (Part-35)	mg/L	24	23	19	26
7.	Total suspended Solids (TSS)	IS 3025 (Part-17)	mg/L	BLQ (LOQ:2.0)			
Chemical Elements							
8.	Sodium as Na	IS 3025 (Part-45)	mg/L	82	74	68	76
Clause 5.2, Table 1 Organoleptic And Physical							
9.	Colour	IS 3025 (Part-4)	Hazen	2.0	2.0	2.0	2.0
10.	Odour	IS 3025 (Part-5)	--	Agreeable			
11.	pH Value	IS 3025 (Part-11)	--	7.39	7.58	7.40	7.62
12.	Total Dissolved solids	IS 3025 (Part-16)	mg/L	622	580	595	612
13.	Turbidity	IS 3025 (Part-10)	NTU	0.5	0.6	0.5	0.5
Clause 5.2, Table 1 Organoleptic And Physical Parameters							
14.	Calcium Hardness as CaCO3	IS 3025 (Part-40)	mg/L	120	110	111	117



M. Sarathkumar
Authorized Signatory-Chemical



J. Mohammed Shabir
Authorized Signatory-Biological

Laboratory Address: No 39/6,Puduchatram,Thiruvallur High Road,Thirumazhisai Via,Poonamallee Tk,Thiruvallur,Chennai-600124,Tamil Nadu,India.

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Report No : ENO-260309016-17-20
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Report Date : 13 Mar 2026

S.No	Parameters	Test Method	Unit	Sample Locations			
				Alambadi Village	Mallapuram Village	Vasavanaya kanpatti Village	Kattareddiyar Village
Clause 5.2, Table 2 General Parameters Concerning Substances undesirable In Excessive Amounts							
15.	Anionic detergents as MBAS	Annex K of IS 13428	mg/L	BLQ (LOQ:0.05)			
16.	Boron as B	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
17.	Chloride as Cl	IS 3025 (Part-32)	mg/L	175	165	170	181
18.	Copper as Cu	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
19.	Fluoride as F	IS 3025 (Part-60)	mg/L	0.2	0.2	0.2	0.2
20.	Free residual chlorine	IS 3025 (Part-26)	mg/L	BLQ (LOQ:0.1)			
21.	Iron as Fe	IS 3025 (Part-53)	mg/L	BLQ(LOQ:0.05)			
22.	Manganese as Mn	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
23.	Mineral Oil	IS 3025 (Part-39)	mg/L	BLQ(LOQ:1.0)			
24.	Nitrate as NO3	APHA 23 rd Edition:4500 NO ₃ B	mg/L	13	14	10	15
25.	Nitrite as NO2	IS 3025 (Part-34)	mg/L	BLQ(LOQ:0.01)			
26.	Phenolic Compound as C6H5OH	IS 3025 (Part-43)	mg/L	BLQ (LOQ:0.001)			
27.	Selenium as Se	IS3025(Part-65)	mg/L	BLQ(LOQ:0.001)			
28.	Sulphate as SO4	IS 3025 (Part-24)	mg/L	90	72	66	85
29.	Total Hardness as CaCO3	IS 3025 (Part-21)	mg/L	218	196	208	210
Clause 5.2, Table 3 Parameters Concerning Toxic Substances							
30.	Cadmium as Cd	IS3025(Part-65)	mg/L	BLQ (LOQ:0.001)			
31.	Cyanide as CN	IS 3025 (Part-27)	mg/L	BLQ (LOQ:0.01)			
32.	Lead as Pb	IS3025(Part-65)	mg/L	BLQ (LOQ:0.001)			
33.	Mercury as Hg	EPA 200.8	mg/L	BLQ (LOQ:0.0005)			
34.	Total Arsenic as As	IS 3025 (Part-65)	mg/L	BLQ (LOQ:0.001)			
35.	Total Chromium as Cr	IS 3025 (Part-65)	mg/L	BLQ (LOQ:0.001)			
Physical							
36.	Appearance	APHA 2110 23 rd Edition	--	Clear			
37.	Conductivity @25°C	IS 3025 (Part-14)	µs/cm	1072	1002	1026	1055

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification. NTU : Nephelometric Turbidity Units

/***** End of the Report *****/


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai-600124, Tamil Nadu, India.

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CHETTINAD CEMENT CORPORATION PRIVATE LTD, KARIKKALI WORKS
(Cement Plant & Captive Power Plant)

GREEN BELT DEVELOPMENT PHOTOS

Green Belt Development area : 25.10 ha
So far, total no. of trees planted : 58431 nos. (as on 31.03.2026)

1. Plant Premises:

Latitude : 10°71'27.47" N
Longitude : 78°09'61.31" E



GREEN BELT DEVELOPMENT PHOTOS (Cont..)



2 PLANT COLONY AREAS:

Latitude : 10°70'85.04" N

Longitude : 78°09'44.45" E



GREEN BELT DEVELOPMENT PHOTOS (Cont..)



3. PLANT – OUT SIDE PREMISES

Latitude : 10°70'78.92" N

Longitude : 78°11'40.81" E



GREEN BELT DEVELOPMENT PHOTOS (Cont..)



for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

V. Krishnan

V.KRISHNAN
JOINT PRESIDENT [WORKS]



CHETTINAD CEMENT CORPORATION PRIVATE LTD, KARIKKALI WORKS
(Seethai Nagar Limestone Mines)

GREEN BELT DEVELOPMENT PHOTOS

Green Belt Developed area : 28.50 ha
So far, total no. of tree planted : 39150 nos as on 31.03.2026

1. Mines Office

Latitude : 10°71'38.57" N
Longitude : 78°06'05.79" E



2. Mines & Crusher area:

Latitude : 10°71'15.83" N

Longitude : 78°06'97.66" E



2. Mines Inside

Latitude : 10°71'98.29" N

Longitude : 78°05'63.87"E



GREEN BELT DEVELOPMENT PHOTOS (Cont..)



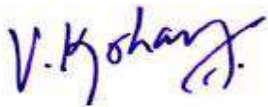
5. Colony Area:

Latitude : 10°72'03.27" N

Longitude : 78°06'66.22" E



for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED



V.KRISHNAN
JOINT PRESIDENT [WORKS]

