



CC/ENV/TNPCB/2425/15 / 286
22.02.2025

To
Joint Chief Environmental Engineer,
Tamil Nadu Pollution Control Board,
22, SIDCO Industrial Estate,
Thuvakudy,
Trichy – 620015

Dear Sir,

Sub: Submission of Status for the meeting points - JCEE meeting on
22.01.2025 – Reg.

Ref : 1. JCEE Lr No .F.No 0134/17 category/JCEE(M)TNPCB/TRY/2024
dt:08.01.2025
2. DEE Lr No .0329/DEE/TNPCB/ARY/2025 dt:12.02.2025

With reference to the above subject, we here with submit the point wise
action taken report and details are given below.

This is for your kind information and acknowledge.

Thanking you,
For Chettinad Cement Corporation Private Limited


R.P. Muthiah
Vice President [Works]

Copy to: DEE, TNPCB, ARIYALUR

Encl: 1. Status points & Annexures
2. Cement Plant CFO Compliance & Annexures
3. CPP CFO Compliance & Annexures

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Cement Plant CFO Compliance Report

CHETTINAD CEMENT CORPORATION PRIVATE LIMITED, ARIYALUR WORKS
CEMENT PLANT – 5.5 MTPA

Compliance report for the conditions specified in the consent Order No. 2405259457447 dt. 29/06/2024 under Air Act

Special Additional Conditions:

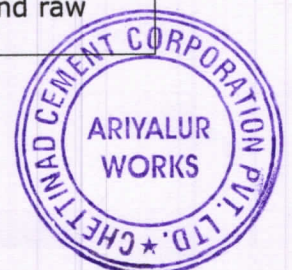
No.	Consent Condition	Compliance Status
1	The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.	We are not using any Biological resources or Knowledge associated thereto as per the provisions of Biological Diversity Act 2002. Hence this condition is not Applicable.
2	The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.	We have taken efforts to adopt the "Mission LiFE" in our activities life meeting and in our Awareness programs. Every Month "Mission LiFE" pledge has been taken by our entire plant & Mines time in a Common meeting forum. Reports on this activities are enclosed as Annexure-1

Additional Conditions:

No.	Consent Condition	Compliance Status
1	The unit shall operate and maintain the Air Pollution Control measures efficiently and continuously so as to achieve the Ambient Air Quality/Emissions/Ambient Noise level standards prescribed by the Board.	We are continuously operating all air pollution control devices like, Bag House, & ESP efficiently. 3 nos. of road sweepers are operating to keep the plant area clean and tidy. Also External NABL & MOEFCC accredited lab is engaged on monthly basis and reports being regularly submitted to the TNPC Board in addition to the CEMS analysers. TNPCB survey report for the month of Aug-24 is enclosed as Annexure-2
2	The unit shall ensure that the stack emissions are meeting the emission standards as notified by MoEF&CC vide GSR 497(E) dated 10.5.2016 at all times.	We are complying the stack emission standards as notified by MoEF&CC regularly by periodic maintenance of the installed RABH in the Raw mill & Kiln stack, ESP in the Cooler Stack and Bag house in the Coal Mill and Cement mill being carried out.
3	The unit shall adhere to the CPCB Guidelines on fugitive emission control vide PROBES/118/2007, dated 06.07.2007 at all times.	We are following the CPCB guidelines on fugitive emission control vide PROBES/118/2007 dated 06.07.2007 and fugitive emissions are being



		<p>controlled by providing appropriate control measures as indicated below.</p> <p>a. Concrete roads for truck movement.</p> <p>b. Use of closed trucks/bulkers/trucks covered with tarpaulin for transporting materials</p> <p>c. Provided closed storage for Gypsum, Coal</p> <p>d. Provided closed silos for Fly Ash, Cement</p> <p>e. Provided Water Sprinkling arrangements coal storage yard & Limestone crusher dump hopper.</p> <p>f. Provided Bag Filters at Transfer Points</p> <p>g. Maintaining the equipment in good condition.</p> <p>h. Developing Green Belt in and around the factory.</p> <p>i. Running road sweepers engaged regularly inside the plant premises. We engaged NABL accredited Third Party Lab report is enclosed as Annexure-3</p>
4	The unit shall maintain and calibrate the OCEMS regularly so as to transmit the real time quality data to Care Air Centre, Chennai & CPCB.	We are monitoring and maintaining the online monitors attached to the APC measures and Continuous connectivity to CAC-TNPCB is taken care and ensured. AMC for all the CEMS Analysers are carried out periodically by the Original equipment manufacturers. All the Online monitors attached to the APC measures are calibrated in periodical intervals to get the quality data.
5	The unit shall ensure that OCEMS are maintained and operated as per CPCB CEMS guidelines and the data shall be transmitted as per guidelines. The performance calibration shall be conducted once in a year and report shall be submitted to TNPCCB.	OCEMS analysers are being maintained & operated as per CPCB CEMS guidelines. Calibration being done once in every six months and reports are submitted to the Board periodically.
6	The unit shall carry out fugitive emission monitoring at cement mill, coal mill and raw material handling area once in six months and the report shall be submitted to TNPCCB.	Fugitive emission monitoring being periodically carried out once in 3 months and reports are well within the limit and fugitive reports are enclosed as Annexure-3
7	The unit shall regularly operate mobile water sprinkling system and road sweeping machines to avoid dust accumulation.	Regular mobile water sprinkling system and road sweeping machines are operated and photos graphs are enclosed as Annexure-4
8	The unit shall not store clinker, coal & other raw materials openly, under any circumstances.	We stored the clinker in the Clinker silo, Coal in the Coal shed and raw materials in the sheds.



<p>9</p>	<p>The unit is permitted to use the following quantity of pet coke as feed stock or in the manufacturing process only.</p> <p>i. Pet coke quantity / Month – 25,400 MT/Month</p> <p>ii. Pet coke Quantity / Annum – 3.05 Lakhs MT/Annum</p> <p>iii. Source of pet coke – Imported (or) from refineries in India.</p> <p>Also to comply with the following conditions for import of pet coke:</p> <p>e) The unit is permitted to directly import pet coke and consignment shall be in the name of user industrial units for their own use only.</p> <p>f) Import of pet coke for the purpose of trading shall not be permitted.</p> <p>g) The unit shall furnish opening and closing stock of imported pet coke and consumption of the same to the TNPCB on a monthly basis.</p> <p>h) The pet coke shall be used in the cement kiln only and it shall not be used for any purpose.</p>	<p>Usage quantity will be within the consented quantity</p> <p>Usage quantity will be within the consented quantity</p> <p>Both Imported and Refineries in India only be in use.</p> <p>Petcoke imported in the name of our plant only.</p> <p>Not trading of Petcoke is envisaged.</p> <p>Monthly reports being furnished to TNPCB regularly. Latest Jan-25 reports submitted is enclosed as Annexure-4</p> <p>Petcoke being used only in the Cement plant only.</p>
<p>10</p>	<p>The unit shall shift the existing CAAQMS provided in the North East Direction to the new location as per the GLC study before June 2024.</p>	<p>Existing CAAQMS station in the Admin building location was shifted to North East E&F colony as per the GLC report and photos are enclosed as Annexure-5</p>
<p>11</p>	<p>The unit shall provide additional 1 No. of CAAQMS as per GLC study before June 2024.</p>	<p>We provided 1 no. of additional CAAQMS station for the cross wind direction as per the GLC report in our Building opposite to Work Shop. Photos are enclosed as Annexure-6</p>
<p>12</p>	<p>The unit shall continue to develop green belt in and around the unit premises and shall furnish the details of green belt developed area with latitude and longitude.</p>	<p>We are developing green belt in our plant premises and so far planted 61428 trees. Which covering 33.54% of Green belt against the 33% as per Boards Condition. Trees Planted during Apr-2024 to Jan-2025 photos are enclosed as Annexure-7.</p>



R.P. Muthiah
 Vice President - Works



**CHETTINAD CEMENT CORPORATION PRIVATE LIMITED, ARIYALUR WORKS
 CEMENT PLANT – 5.5 MTPA**

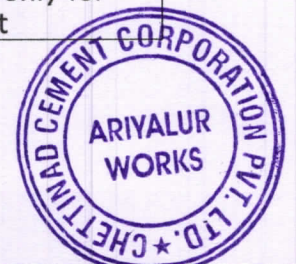
Compliance report for the conditions specified in the consent Order No. 2405159457447 dt. 29/06/2024 under Air Act

Special Additional Conditions:

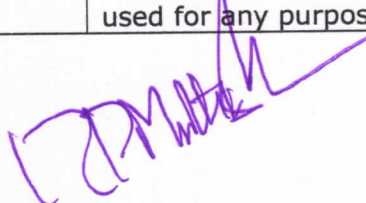
No.	Consent Condition	Compliance Status
1	The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.	We are not using any Biological resources or Knowledge associated thereto as per the provisions of Biological Diversity Act 2002. Hence this condition is not Applicable.
2	The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.	We have taken efforts to adopt the "Mission LiFE" in our activities life meeting and in our Awareness programs. Every Month "Mission LiFE" pledge has been taken by our entire plant & Mines time in a Common meeting forum. Reports on this activities are enclosed as Annexure-1

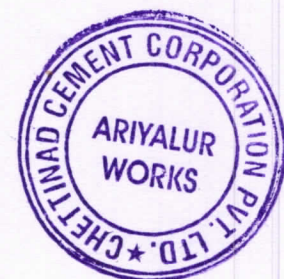
Additional Conditions:

No.	Consent Condition	Compliance Status
1	The unit shall operate and maintain the Sewage Treatment Plants provided for Cement Plant, CPP & Township continuously and efficiently so as to achieve the treated sewage standards prescribed by the Board consistently.	We are operating and maintaining both Colony & Factory sewage treatment plant efficiently and continuously to achieve the standards prescribed by the board.
2	The unit shall connect the EMFM provided at the inlet and outlet of the Sewage Treatment Plants to the WQW, TNPCB, Chennai before June 2024 for continuous monitoring.	EMFM provided in the outlet of the Neutralisation tank connectivity to the WQW, TNPCB is under progress with M/s. Ideatec through their IRem software, which will be shortly connected.
3	The unit shall maintain and calibrate the Online Continuous Effluent Monitoring System (OCEMS) for the parameters pH, BOD, COD and TSS at the outlet of the Sewage Treatment Plants regularly so as to transmit the real time quality data to Water Quality Watch, TNPCB, Chennai.	We are regularly monitoring and maintaining the Online Monitoring system. All the Online analysers (pH, BOD, COD & TSS) are calibrated in periodical intervals to get the quality data transmitted to WQW, TNPCB. Previous calibration reports for Feb-24 and Aug-24 were submitted to the board.
4	The unit shall ensure that the treated sewage is completely utilised for	Treated sewage being used only for the gardening for green belt



4	The unit shall ensure that the treated sewage is completely utilised for gardening and cooling purpose within the unit premises.	Treated sewage being used only for the gardening for green belt development and Cooling purposes in the cement plant.
5	The unit shall ensure that no trade effluent is generated from its manufacturing process at any point of time.	Not trade Effluent Generation from the Cement plant.
6	The unit shall utilise /enhance the usage of Alternate Fuels and Raw materials for Co-processing / Co-incineration in Cement Kiln so as to improve the Thermal Substitution Ratio (TSR) and kiln feed rate.	We are continuously taking efforts to utilise the alternate fuels and raw materials for Co-processing / Co-incineration in the cement plant to improve the TSR and kiln feed rate. Monthly reports being regularly mailed to Board and Apr- to Jan-2025 reports are enclosed as Annexure-8
7	The unit shall provide additional storage shed for the storage of AFR material (MSW and Biomining fraction) before 31.03.2025 as reported.	Additional storage shed under progress. However, we keep MSW and Biomining under covered shed / tarpaulin cover.
8	<p>The unit is permitted to use the following quantity of pet coke as feed stock or in the manufacturing process only.</p> <p>i. Pet coke quantity / Month – 25,400 MT/Month</p> <p>ii. Pet coke Quantity / Annum – 3.05 Lakhs MT/Annum</p> <p>iii. Source of pet coke – Imported (or) from refineries in India.</p> <p>Also to comply with the following conditions for import of pet coke:</p> <p>a) The unit is permitted to directly import pet coke and consignment shall be in the name of user industrial units for their own use only.</p> <p>b) Import of pet coke for the purpose of trading shall not be permitted.</p> <p>c) The unit shall furnish opening and closing stock of imported pet coke and consumption of the same to the TNPCB on a monthly basis.</p> <p>d) The pet coke shall be used in the cement kiln only and it shall not be used for any purpose.</p>	<p>Usage quantity will be within the consented quantity</p> <p>Usage quantity will be within the consented quantity</p> <p>Both Imported and Refineries in India only be in use.</p> <p>Petcoke imported in the name of our plant only.</p> <p>Not trading of Petcoke is envisaged.</p> <p>Monthly reports being furnished to TNPCB regularly. Latest Jan-25 reports submitted is enclosed as Annexure-4 Petcoke being used in the Cement plant only.</p>


R.P. Muthiah
 Vice President - Works



Annexure-1

LiFE for Environment Pledge during Monthly Open House Meeting



Environment pledge by Eco club team members...



LiFE for Environment for our Colony Residents



LiFE for Environment for our Colony Residents – Bio Gas Generation Awareness



Dated: 12.09.2024 / 142



To
The Head Mistress,
Govt. High School, Varanavasi [Post]
Ariyalur District
PIN - 621704

Kind Attention to Mrs. P. Premavathi

Madam,

Sub: Permission to conduct an awareness program for world Ozone day on
16.09.2024 for 9th & 10th students - requested - reg.

Ref: Our discussion on 10.09.2024

We are pleased to inform you that, we are planning to conduct an Environment Awareness Program at your esteemed school for 9th and 10th-grade students on the occasion of "World Ozone Day 2024". The event is scheduled for Monday, September 16, 2024, from 03:00 to 04:00 PM.

The primary focus of this Environment Awareness program will be on "Environment-Friendly Activities," aimed at empowering students to become future advocates for a sustainable Environment. In addition to the awareness session, we will also be engaging in a sapling plantation activity, where we plan to plant 10 saplings in the school grounds to contribute to green field development.

We hope this initiative will foster a greater sense of environmental responsibility among the students. We look forward to your support and participation in making this event successful.

Please feel free to contact us if you require any further details.

Thank you for your attention and awaiting your cooperation.

Best regards,

for Chettinad Cement Corporation Private Limited,


R. P. Muthiah
Vice President [Works]
 13.9.24

Chettinad Cement Corporation Private Limited
(formerly Chettinad Cement Corporation Limited)
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603, Anna Salai, Chennai - 600 006.
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F + 91 44 2829 1558

E : ariyalur@chettinadcement.com
www.chettinad.com

Ozone day Pledge



OPPO Reno10 5G
CHEZHIAN | 2024.09.16 16:04



Awareness
Speech
about Banned
Single Use
Plastics
Avoidance



OPPO Reno10 5G
CHEZHIAN | 2024.09.16 15:40

World Environment Day Competitions Appreciation for the Participants

Environment Awareness Speech by Unit Head



Ariyalur Works



Awareness speech delivered by Unit Head



LIFE for Environment - Diwali Awareness among Employees





Tamil Nadu Pollution Control Board

Ambient Air Quality Survey Report

Report No: 45/AAQS/2024-2025, Dated:28.08.2024

- 1.Name and Address of the Industry : M/s. Chettinad Cement Corporation Pvt. Ltd.,
(Cement Plant),
Keelapalur Village,
Ariyalur Taluk,
Ariyalur District
- 2.Date of Survey : 12.08.2024 & 13.08.2024
- 3.Duration of Survey : 24 Hours
- 4.Category : Red/Large
- 5.Consent Order No. : 2405259457447

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	27	37		50	89
Weather Condition	Clear		Rain Fall (mm)	Nil	
Predominant Wind Direction	SW to NE		Mean Wind Speed (Km/hr)	9.0 Km/hr	

Sl. No	Location of Sampling Stations	From Source			Pollutants in $\mu\text{g}/\text{m}^3$			
		Dire.	Dist. (m)	Ht. from gl (m)	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
1.	On top of scaffolding near the Temple inside the colony	NNE	800	3.0	85	-	24.6	28.9
2.	On top of scaffolding near STP inside the colony	NE	700	3.0	92	41	26.3	30.9
3.	On top of scaffolding near the corner of Agricultural Field (Truck yard)	ESE	500	3.0	78	-	21.7	25.6
4.	On top of scaffolding near Rain water Harvesting Pond	SW	600	3.0	70	29	17.5	22.0
5.	On top of Scaffolding near AAQ station	WNW	700	3.0	76	-	19.2	24.0

M. P. Sreejaya
Environmental Scientist
28/8/24

M. M. S. S. S. S.
Deputy Chief Scientific Officer,
AEL, TNPCB, Trichy.



Tamil Nadu Pollution Control Board
Stack Monitoring Survey Report of Analysis

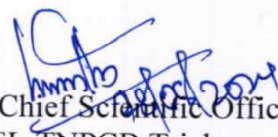
Report No. 45/AAQS/2024-2025 Dated:28.08.2024

- 1.Name and Address of the Industry : M/s. Chettinad Cement Corporation Pvt.Ltd.,
(Cement Plant),
Keelapalur Village,
Ariyalur Taluk,
Ariyalur District.
- 2.Date of Survey : 12.08.2024 & 13.08.2024
- 3.Category : Red/Large
- 4.Consent Order No. : 2405259457447

Stack Analysis Report

SI. No	Stack attached to	Stack Temp °K	Velocity in (M/sec)	Discharge rate in (Nm ³ /hr)	Pollutants (mg/Nm ³)				
					PM	SO ₂	NOx	CO PPM	O ₂ %
1.	Raw Mill Kiln Line-II Fuel:Coal, APC: Bag House	371	12.7	544580	26	68	326	114	11.8
2.	Coal Mill Line-II Fuel: Nil APC : Bag House	338	13.1	74123	26	77	421	-	-
3.	Cooler Vent Line-II Fuel: Nil APC: ESP	513	14.9	24650	20	-	-	-	-
4.	Cement Mill Line-II Fuel: Nil APC: Bag House	341	12.2	340502	27	-	-	-	-


Environmental Scientist
28/8/24


Deputy Chief Scientific Officer,
AEL, INPCB, Trichy.



Tamil Nadu Pollution Control Board

Ambient Noise Level Survey Report of Analysis

Report No: 45/AAQS/2024-2025, Dated:28.08.2024


1	Name of the Industry	M/s. Chettinad Cement Corporation Pvt. Ltd.,		
2.	Address of the Industry	(Cement Plant), Keelapalur Village, Ariyalur Taluk, Ariyalur District.		
3.	Date of Survey	12.08.2024 & 13.08.2024		
4.	Consent Order No.	2405259457447		
5.	Category	Red/Large		
Type of Survey		Ambient	Time of Survey	Day
Meteorological Conditions		Calm		

Logging Parameters

Instrument Used	Casella	Serial No.	0499485
Logging Interval	10 Minutes in each Point	Measuring Range	50-110dB(A)
Weighting	"A"	Time Weighting	Fast
Sound Incidence	Random	Time of Survey in Hrs.	10.30 to 12.30 Hrs

SI No	Location	Duration (m)	Distance (m)	Direction	Sound Level –dB(A)		
					L _{eq}	L _{Min}	L _{Max}
1.	Near the Temple inside the colony	10	800	NNE	54.1	43.8	67.9
2.	Near the STP inside the colony	10	700	NE	54.5	54.0	59.2
3.	Near the corner of Agricultural field (Truck Yard)	10	500	ESE	53.6	42.6	64.4
4.	Near the Rain water Harvesting plant	10	600	SW	56.1	35.9	76.4
5.	Near the AAQ station	10	700	WNW	50.2	34.9	67.0


Environmental Scientist
28/8/24


Deputy Chief Scientific Officer,
AEL, TNPCB, Trichy.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Report No. QEN-24040156-23 to 26

Page 1 of 1
Report Date : 12 Apr 2024

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Ariyalur-Plant)
 Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.
 Sample Name : Air Sampling Date : 06 Apr 2024
 Sample Description : Fugitive Emission Sample received on : 08 Apr 2024
 Sample Drawn by : Laboratory Test Started on : 08 Apr 2024
 Test completed on : 12 Apr 2024

TEST RESULTS

S.No	Parameters	Test Method	Unit	Near by Lime Stone Stack Area	Near by Coal Unloading Area	ESP Cooler Area	Packing Plant Area	Limit as Per CPCB (Probes/118/2007) Guideline
1.	Suspended Particulate Matter	NIOSH-0500	µg/m ³	1241	1156	1214	1255	2000 Max

Conclusion: The above tested Sample Conforms to the CPCB Probes/118/2007 Guideline for the above tested parameters.

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

M.S
M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. 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 with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

TC-6118

Report No. QEN-24070487-24 to 27

Page 1 of 1
Report Date : 24 Jul 2024

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Ariyalur-Plant)
Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.
Sample Name : Air
Sample Description : Fugitive Emission
Sample Drawn by : Laboratory

Sampling Date : 16 Jul 2024
Sample received on : 18 Jul 2024
Test Started on : 18 Jul 2024
Test completed on : 24 Jul 2024

TEST RESULTS

S.No	Parameters	Test Method	Unit	Near by Lime Stone Stack Area	Near by Coal Unloading Area	ESP Cooler Area	Packing Plant Area	Limit as Per CPCB (Probes/118/2007) Guideline
1.	Suspended Particulate Matter	NIOSH-0500	µg/m ³	1148	1200	1185	1280	2000 Max

Conclusion: The above tested Sample Conforms to the CPCB Probes/118/2007 Guideline for the above tested parameters.

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

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Pudukattam Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. 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 with regard to 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. QEN-24100367-23 to 26

Report Date : 23 Oct 2024

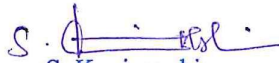
Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Ariyalur-Plant)
Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.
Sample Name : Air **Sampling Date** : 16 Oct 2024
Sample Description : Fugitive Emission **Sample received on** : 18 Oct 2024
Sample Drawn by : Laboratory **Test Started on** : 18 Oct 2024
Test completed on : 23 Oct 2024

TEST RESULTS

S.No	Parameters	Test Method	Unit	Near by Lime Stone Stacker Area	Near by Coal Unloading Area	ESP Cooler Area	Packing Plant Area	Limit as Per CPCB (Probes/118/2007) Guideline
1.	Suspended Particulate Matter	NIOSH-0500	µg/m ³	1189	1226	1058	1119	2000 Max

Conclusion: The above tested Sample Conforms to the CPCB Probes/118/2007 Guideline for the above tested parameters.

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


S. Kanimozhi
 Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

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Annexure-4

Mobile Water Sprinkling on the Plant Roads



Road Sweeping in the Plant and Colony area



Annexure-5

Existing CAAQMS station-1 Shifted to North East as per GLC report

CAAQMS-1 (Downwind) LOCATION E&F COLONY
[11°03'44.9"N 79°04'19.9"E]

Dt.: 04.07.2024

Consent order No. 2405259457447 dt. 29.06.2024 Air Act Condition no.10 is completed.

"10. The unit shall shift the existing CAAMS provided in the North East Direction to the new location as per the GLC study before June 2024."



Annexure-6

Additional CAAQMS-3 provided as per GLC report

New CAAQMS-3 (Cross Wind) – LOCATION OPP TO WORKSHOP
[11°03'19.0"N 79°04'05.5"E]



Annexure-7

Green Belt Development report

Details of Greenbelt Development:

Total Plant & Colony Area : 87.21 ha Proposed Greenbelt Area : 29.07 ha
Actual Greenbelt Area : 29.25 ha Saplings planted Apr 24 – Feb 25: 220 nos.
Totally 61428 nos. Saplings planted. 33.54 % As per EC Green belt development completed.

World Environment Day Celebration – 05.06.2024

Sapling Plantation by Unit Head



Plantation Location

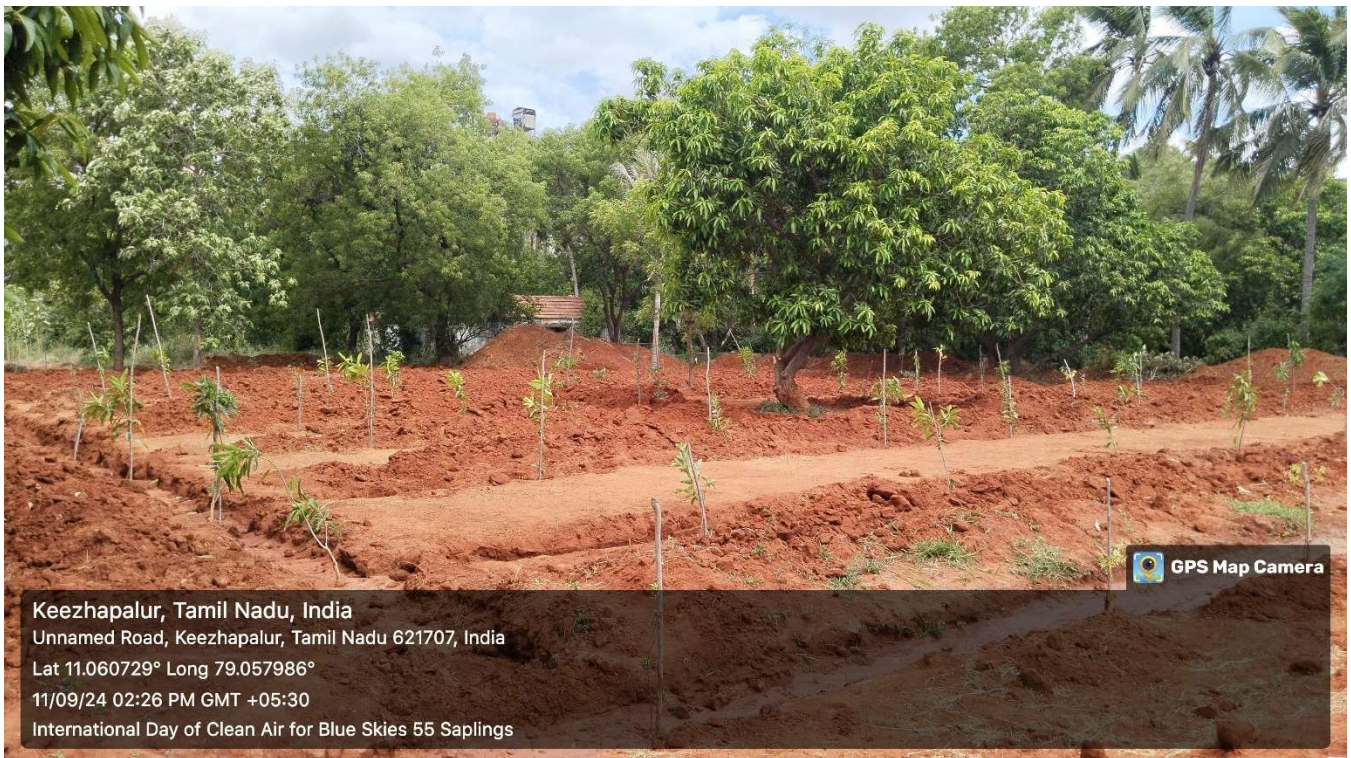


55 nos. of Kodukkapuli saplings planted [Madras Thorn plant or Manila Tamarind]

International day of Clean Air for Blue Skies – 07.09.2024

Theme: Invest in #CleanAirNow

Sapling plantation by Unit Head



Saplings - Mango, Jack Fruit, Pomegranate, Guava totally 55 nos.

World Ozone Day – 16.09.2024
Theme: Montreal Protocol: Advancing Climate Action
Sapling Plantations by Unit Head



Saplings - Mango, Lemon, Pomegranate, Guava, Sapodilla, Custard Apple, Jack Fruit totally 55 nos.

Saplings planted by Varanavasi School Children



National Energy Conservation Day – 16.09.2024

Sapling Plantations



🕒 Thursday, February 20 2025, 01:43:06 PM
📍 336C+VMG, Keezhapalur, Tamil Nadu 621707, India
📍 11° 3' 44" N, 79° 4' 25" E -2m
📌 National Energy Conservation Day Tree saplings 55



Saplings – Teak Wood, Vilvamaram & Pungan – 55 nos.

S. NO.	Name of the cement Industry	Coincineration and TSR %							Infrastructure facilities for Coprocessing and Coincineration	Coprocessing of ETP sludge and Kiln feed rate					
		Year	Quantity of MSW in MT	Quantity of Plastic Waste in MT	Quantity of other Non hazardous waste in MT	Quantity of other hazardous waste in MT	Total Quantity of waste in MT	TSR %		Agreement made with local bodies	Year	Quantity of Textile sludge in MT	Quantity of Tannery sludge in MT	Quantity of other ETP sludge in MT	Total Quantity of ETP Sludge in MT
M/s.Chettinad Cement Corporation Private Limited, Ariyalur - Trichy Main Road, Keelapalur Post PIN: 621707. Ariyalur District.	Apr-24	582.2	212.6	209.9	37.6	1042.4	5.65	Having MoU with Ariyalur MC, Thiruvaiyaru TP, Ayyampettai TP, Mannachanallur TP, Kuttalam TP, Kottaiyur TP, Mayiladuthurai MC, Vedaranyam MC, Thiruthuraiipoondi MC, Thirupattur TP, & Kattumannarkoil TP, Pudukottai MC, Namakkal MC, Tharangambadi TP Under Process with , Virudhachalam MC, Velakanni TP, Sivagangai MC, Gingee TP, Thuvakkudi MC for the receipt of MSW. In addition to the above, we are receiving the Bio Mining and RDF Legacy waste through the following Suppliers. 1. Zigma Global Environ Solutions Private Limited, Erode. 2. D.J.G Energy Solutions Private LTD, Chennai 3. Coimbatore Integrated Waste Management system, Coimbatore 4. Clean Kerala Company Limited, Thiruvananthapuram	AFR preprocessing and co processing system provided.	Apr-24	699.4	0.0	0.0	699.4	0.74
	May-24	0.000	1.4	104.10	0.000	105.5	0.575			May-24	628.1	0.0	0.0	628.1	0.60
	Jun-24	795.8	394.1	668.7	10.9	1869.5	8.177			Jun-24	705.3	0.0	0.0	705.3	0.71
	Jul-24	996.8	432.5	1125.2	6.4	2560.9	9.32			Jul-24	761.3	0.0	0.0	761.3	0.72
	Aug-24	1991.3	148.0	1023.4	28.2	3190.8	10.13			Aug-24	729.9	0.0	0.0	729.9	0.68
	Sep-24	702.6	5.8	1005.4	0.0	1713.8	10.56			Sep-24	389.1	0.0	0.0	389.1	0.76
	Oct-24	779.9	24.6	1302.7	157.6	2264.8	7.56			Oct-24	972.0	0.0	0.0	972.0	0.87
	Nov-24	220.6	18.9	252.6	42.6	534.7	5.80			Nov-24	130.6	0.0	0.0	130.6	0.45
	Dec-24	2630.8	98.0	1017.5	59.2	3805.5	11.2			Dec-24	655.3	0.0	0.0	655.3	0.7
	Jan-25	874.0	35.6	1037.3	63.9	2010.9	7.95			Jan-25	174.1	0.0	0.0	174.1	0.24
	2024-25	9574.0	1371.5	7746.7	406.4	19098.6	7.90			2024-25	5845.1	0.0	0.0	5845.1	0.67

Remarks by CCCPL, Ariyalur Works

- 1 MSW materials means - Plastic Waste from MSW, RDF, Biomining & Legacy waste.
- 2 Plastic waste Means - Plastic Wastes & MLP from Industry

