



**Kamarajar Port Limited**  
Vallur Post, Chennai-600 120, Tamil Nadu, India

**Reports on Environmental Monitoring of Kamarajar Port Limited**



**Study Period: December 2024**

**Prepared By**



**NITYA LABORATORIES**

**Address:** Plot No.118, Church Road, Behind Kausik Vatika, Bhagat Singh Colony, Ballabgarh,  
Faridabad, Delhi NCR, India

**Tel.:** +91-129-2241021

**Mobile No.:** +91-9873924093, +91-9013591021, +91-9013552273

**E-Mail ID:** info@nityalab.com

**Website:** www.nityalab.com

**Laboratories | Faridabad (Haryana) | Jammu (J&K) | Mangalore (Karnataka) |**

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#### CORPORATE OFFICE & CENTRAL LABORATORIES :-

PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDIA

+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

### Introduction

Kamaraj Port Trust is the First Corporatized Port in India and the 12<sup>th</sup> Major Port. It Works on the model of 'Landlord' concept. KPL's policy is to manage the port in a pro-active manner to minimize any impacts from port operations or new developments. Kamaraj port handles coal for Tamil Nadu Electric Board, POL products and export of automobiles. Data generations on environmental quality constitute the basis for environmental appraisal of the project. Thus, data on environmental quality has to be periodically monitored and also to comply with the TNPCB / MOEF conditions.

With this background and need Kamaraj Port Limited has appointed M/s. Nitya Laboratories to undertake the same. KPL has awarded the work to M/s. Nitya Laboratories vide work order No. KPL/MS/HSE/EM/05/2023 dated 10.03.2023.

Accordingly, environmental quality data on Ambient Air and Effluent (Sewage) for the month of December 2024 is presented in this report.

### 2.0 Scope and Methodology:

The scope of work, works carried out and methodology adopted for the survey are described below:

#### 2.1 Ambient Air Quality

As a part of study, Ambient Air Quality Parameters were measured during the monitoring days date of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>2</sub>, Methane and CO were monitored.



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### AMBIENT AIR QUALITY MONITORING:

Ambient air quality was monitored at different locations inside the port. The study area covers the periphery of Port and different parts of the port. A Total of 8 Ambient Air Quality Monitoring Stations covering both upwind and downwind were monitored during December 2024.

Table: Detail of Ambient Air Quality Monitoring Locations

Sr. No	Stations Code	Sampling Locations
1	AAQM-1	Security Main Gate
2	AAQM-2	Inside Port Administrative Building
3	AAQM-3	Signal Station
4	AAQM-4	Finger Jetty
5	AAQM-5	At Car Parking Yard
6	AAQM-6	At General Cargo Berth
7	AAQM-7	At Fire Station
8	AAQM-8	Guest House

Ambient Air Quality Monitoring was carried out with a frequency of two samples per week i.e., at 8 Locations. A Total of 32 Samples each of PM<sub>10</sub> & PM<sub>2.5</sub>, Samples of SO<sub>2</sub>, NO<sub>2</sub>, Methane and CO each were monitored by using Respirable dust sampler, Fine Particulate Sampler, Methane & CO Analyzer.



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## Test Reports of Ambient Air Quality Monitoring

  
(AUTHORISED SIGNATORY)  
(RAVINDER MITTAL)

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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 06/11/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Main Gate**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000656F	24.60	58.60	15.40	25.80	ND
2	07/12/2024	TC148142400000755F	27.20	55.40	14.20	24.20	ND
3	10/12/2024	TC148142400000812F	19.40	54.20	15.60	30.20	ND
4	16/12/2024	TC148142400000922F	21.50	59.20	13.20	22.50	ND
5	23/12/2024	TC148142400001118F	29.20	53.20	16.20	31.40	ND
6	26/12/2024	TC148142400001198F	20.40	58.10	14.70	32.50	ND
7	30/12/2024	TC148142400001255F	19.20	58.30	16.90	24.80	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



TC-14814



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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Main Gate**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030110	ND
2	07/12/2024	202412070110	ND
3	10/12/2024	202412100110	ND
4	16/12/2024	202412160110	ND
5	23/12/2024	202412230110	ND
6	26/12/2024	202412260110	ND
7	30/12/2024	202412300110	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

Remark:

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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Guest House**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000657F	25.70	30.20	14.50	19.20	ND
2	07/12/2024	TC148142400000756F	23.60	35.20	15.80	27.20	ND
3	10/12/2024	TC148142400000813F	26.40	46.20	16.60	30.50	ND
4	16/12/2024	TC148142400000923F	26.90	39.20	13.60	25.40	ND
5	23/12/2024	TC148142400001119F	20.50	41.20	15.20	29.60	ND
6	26/12/2024	TC148142400001199F	19.20	48.30	16.20	26.20	ND
7	30/12/2024	TC148142400001256F	22.50	26.80	14.50	29.10	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

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**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Guest House**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030111	ND
2	07/12/2024	202412070111	ND
3	10/12/2024	202412100111	ND
4	16/12/2024	202412160111	ND
5	23/12/2024	202412230111	ND
6	26/12/2024	202412260111	ND
7	30/12/2024	202412300111	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

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**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Admin Building**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000658F	32.40	51.20	16.20	26.50	ND
2	07/12/2024	TC148142400000757F	33.60	56.40	17.40	30.40	ND
3	10/12/2024	TC148142400000814F	26.40	44.60	13.20	29.50	ND
4	16/12/2024	TC148142400000924F	32.00	48.30	18.40	21.50	ND
5	23/12/2024	TC148142400001120F	31.80	52.50	15.20	19.60	ND
6	26/12/2024	TC148142400001200F	30.40	55.10	16.20	31.40	ND
7	30/12/2024	TC148142400001257F	25.20	59.20	14.50	32.40	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guideline</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

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Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
 Purpose of Monitoring : **To Check the Pollution Load**  
 Sampling Location : **Admin Building**  
 Method of Sampling : **IS 5182 (Part 14)**  
 Monitoring Conducted By : **Mr. Surya**  
 Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030112	ND
2	07/12/2024	202412070112	ND
3	10/12/2024	202412100112	ND
4	16/12/2024	202412160112	ND
5	23/12/2024	202412230112	ND
6	26/12/2024	202412260112	ND
7	30/12/2024	202412300112	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

Remark:

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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Signal Station**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000659F	28.40	47.50	15.40	25.40	ND
2	07/12/2024	TC148142400000758F	25.90	54.20	14.50	20.60	ND
3	10/12/2024	TC148142400000815F	24.70	52.40	16.20	24.50	ND
4	16/12/2024	TC148142400000925F	24.50	50.20	15.40	20.40	ND
5	23/12/2024	TC148142400001121F	20.30	56.20	18.20	19.20	ND
6	26/12/2024	TC148142400001201F	16.50	58.20	14.80	28.40	ND
7	30/12/2024	TC148142400001258F	25.90	46.20	16.30	30.60	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

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Vallur Post, Chennai, India

**Test Report Date:** 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
 Purpose of Monitoring : **To Check the Pollution Load**  
 Sampling Location : **Signal Station**  
 Method of Sampling : **IS 5182 (Part 14)**  
 Monitoring Conducted By : **Mr. Surya**  
 Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030113	ND
2	07/12/2024	202412070113	ND
3	10/12/2024	202412100113	ND
4	16/12/2024	202412160113	ND
5	23/12/2024	202412230113	ND
6	26/12/2024	202412260113	ND
7	30/12/2024	202412300113	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Finger Jetty**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000660F	29.40	28.60	22.40	28.60	ND
2	07/12/2024	TC148142400000759F	32.50	38.10	24.40	18.20	ND
3	10/12/2024	TC148142400000816F	19.60	36.10	28.20	21.50	ND
4	16/12/2024	TC148142400000926F	18.40	47.10	21.20	18.40	ND
5	23/12/2024	TC148142400001122F	23.20	48.20	31.90	28.40	ND
6	26/12/2024	TC148142400001202F	32.50	49.10	26.20	26.70	ND
7	30/12/2024	TC148142400001259F	28.40	44.20	24.40	31.50	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Finger Jetty**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030114	ND
2	07/12/2024	202412070114	ND
3	10/12/2024	202412100114	ND
4	16/12/2024	202412160114	ND
5	23/12/2024	202412230114	ND
6	26/12/2024	202412260114	ND
7	30/12/2024	202412300114	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration. of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board

  
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**(RAVINDER MITTAL)**

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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **General Cargo Berth**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000661F	22.50	38.10	19.50	21.40	ND
2	07/12/2024	TC148142400000760F	24.40	30.40	17.20	20.90	ND
3	10/12/2024	TC148142400000817F	31.20	31.50	16.90	24.60	ND
4	16/12/2024	TC148142400000927F	25.40	24.40	17.90	32.20	ND
5	23/12/2024	TC148142400001123F	26.60	32.50	16.30	28.60	ND
6	26/12/2024	TC148142400001203F	28.80	28.40	15.90	27.30	ND
7	30/12/2024	TC148142400001260F	26.20	25.00	15.60	31.50	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

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+91-129-2241021

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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **General Cargo Berth**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030115	ND
2	07/12/2024	202412070115	ND
3	10/12/2024	202412100115	ND
4	16/12/2024	202412160115	ND
5	23/12/2024	202412230115	ND
6	26/12/2024	202412260115	ND
7	30/12/2024	202412300115	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected,  
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Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Car Parking**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000662F	29.60	31.20	19.20	25.60	ND
2	07/12/2024	TC148142400000761F	28.40	20.40	20.60	22.20	ND
3	10/12/2024	TC148142400000818F	26.20	29.40	22.50	27.50	ND
4	16/12/2024	TC148142400000928F	23.40	28.50	18.90	31.40	ND
5	23/12/2024	TC148142400001124F	22.40	34.00	18.40	19.20	ND
6	26/12/2024	TC148142400001204F	25.10	29.80	24.20	20.10	ND
7	30/12/2024	TC148142400001261F	23.90	34.20	23.60	22.30	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : To Check the Pollution Load  
Sampling Location : Car Parking  
Method of Sampling : IS 5182 (Part 14)  
Monitoring Conducted By : Mr. Surya  
Sampling Duration (Hrs.) : 24 Hrs.

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030116	ND
2	07/12/2024	202412070116	ND
3	10/12/2024	202412100116	ND
4	16/12/2024	202412160116	ND
5	23/12/2024	202412230116	ND
6	26/12/2024	202412260116	ND
7	30/12/2024	202412300116	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

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Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Fire Station**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) µg/m3	Carbon Monoxide (as CO) mg/m3
1	03/12/2024	TC148142400000663F	26.80	28.90	22.40	26.80	ND
2	07/12/2024	TC148142400000762F	25.40	32.40	21.50	33.60	ND
3	10/12/2024	TC148142400000819F	28.80	34.20	22.60	35.40	ND
4	16/12/2024	TC148142400000929F	31.40	48.20	23.90	31.30	ND
5	23/12/2024	TC148142400001125F	24.20	43.20	18.90	25.80	ND
6	26/12/2024	TC148142400001205F	23.20	38.20	16.80	23.40	ND
7	30/12/2024	TC148142400001262F	26.80	46.20	17.50	24.30	ND
<b>NAAQM Standards</b>			<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>			<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

Remark:

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Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



TC-14814



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**Issued To** M/s Kamarajar Port Trust  
Vallur Post, Chennai, India

Test Report Date: 06/01/2025

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : To Check the Pollution Load  
Sampling Location : Fire Station  
Method of Sampling : IS 5182 (Part 14)  
Monitoring Conducted By : Mr. Surya  
Sampling Duration (Hrs.) : 24 Hrs.

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	03/12/2024	202412030117	ND
2	07/12/2024	202412070117	ND
3	10/12/2024	202412100117	ND
4	16/12/2024	202412160117	ND
5	23/12/2024	202412230117	ND
6	26/12/2024	202412260117	ND
7	30/12/2024	202412300117	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected.  
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Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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☎ +91-129-2241021

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## Test Reports of Wastewater (STP)

  
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(RAVINDER MITTAL)

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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

ULR No.: TC148142400000763F-764F  
Test Report Date: 18/12/2024

**Sample Particulars**

Nature of the Sample : **Wastewater (STP)**  
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)  
Sample Received at Lab : 12/12/2024  
Test Started On : 12/12/2024  
Test Completed On : 17/12/2024  
Method of Sampling : SOP/B/D-3  
Date of Sampling : 07/12/2024  
Monitoring Conducted By : Mr. Surya  
Sample Description : W-1: STP O/L of Admin Building  
W-2: STP O/L of Car Parking

**Analysis Report**

Sr. No.	Parameter	Unit	Result		Permissible Limits	Protocol
			W-1	W-2		
1	pH	...	7.42	7.11	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	118	286	50	IS:3025 (P-17)
3	Chemical Oxygen Demand (COD)	mg/l	40	30	150	IS:3025 (P-58)
4	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	8	7	30	IS:3025 (P-44)



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**CORPORATE OFFICE & CENTRAL LABORATORIES :-**

PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDIA

+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report No.: 202412070130-131


Test Report Date: 18/12/2024

### Sample Particulars

Nature of the Sample : **Wastewater (STP)**  
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)  
Sample Received at Lab : 12/12/2024  
Test Started On : 12/12/2024  
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Monitoring Conducted By : Mr. Surya  
Sample Description : W-1: STP O/L of Admin Building  
W-2: STP O/L of Car Parking

### Analysis Report

Sr. No.	Parameter	Unit	Result		Permissible Limits	Protocol
			W-1	W-2		
1	Faecal Coliform*	MPN/100 ml	486	669	<1000	IS:1622

(AUTHORISED SIGNATORY)  
  
(RHYTHM BASSON\*)

  
(AUTHORISED SIGNATORY)  
(RAVINDER MITTAL)

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### CORPORATE OFFICE & CENTRAL LABORATORIES :-

9 PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDI.

+91-129-2241021

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labsnitya@gmail.com

www.nityalab.com