



## **Kamarajar Port Limited**

Vallur Post, Chennai-600 120, Tamil Nadu, India

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



**Study Period: September 2024**

**Prepared By**



### **NITYA LABORATORIES**

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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: 08/10/2024

**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. Shridhar  
Sampling Duration (Hrs.) : 24 Hrs.

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020110	20.70	45.80	14.40	20.30	ND
2	06/09/2024	202409060110	19.46	48.50	13.50	22.80	ND
3	09/09/2024	202409090110	18.50	46.20	12.80	23.70	ND
4	13/09/2024	202409130110	17.30	49.50	15.40	19.90	ND
5	16/09/2024	202409160110	20.10	45.00	16.80	25.20	ND
6	20/09/2024	202409200110	21.50	48.30	12.90	26.10	ND
7	23/09/2024	202409230110	19.50	50.40	13.30	23.90	ND
8	27/09/2024	202409270110	20.30	53.60	15.10	20.90	ND
9	30/09/2024	202409300110	22.50	48.00	13.90	22.70	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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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 08/10/2024

#### 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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

#### Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020110	ND
2	06/09/2024	202409060110	ND
3	09/09/2024	202409090110	ND
4	13/09/2024	202409130110	ND
5	16/09/2024	202409160110	ND
6	20/09/2024	202409200110	ND
7	23/09/2024	202409230110	ND
8	27/09/2024	202409270110	ND
9	30/09/2024	202409300110	ND
Test Method			PID Based Methane Analyser

#### 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

(AUTHORISED SIGNATORY)  
(RAVINDER MITTAL)

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020111	19.80	30.80	13.40	22.90	ND
2	06/09/2024	202409060111	20.90	32.40	14.10	20.40	ND
3	09/09/2024	202409090111	23.40	34.50	15.10	19.90	ND
4	13/09/2024	202409130111	22.80	35.80	13.90	21.40	ND
5	16/09/2024	202409160111	19.40	36.80	16.40	22.50	ND
6	20/09/2024	202409200111	20.50	33.40	15.30	20.80	ND
7	23/09/2024	202409230111	21.80	32.90	14.20	22.50	ND
8	27/09/2024	202409270111	22.10	31.80	15.00	21.90	ND
9	30/09/2024	202409300111	23.90	34.50	17.10	23.20	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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Issued To **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020111	ND
2	06/09/2024	202409060111	ND
3	09/09/2024	202409090111	ND
4	13/09/2024	202409130111	ND
5	16/09/2024	202409160111	ND
6	20/09/2024	202409200111	ND
7	23/09/2024	202409230111	ND
8	27/09/2024	202409270111	ND
9	30/09/2024	202409300111	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

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Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020112	26.20	44.80	16.40	21.50	ND
2	06/09/2024	202409060112	29.40	42.50	18.50	23.40	ND
3	09/09/2024	202409090112	26.80	41.30	19.10	24.50	ND
4	13/09/2024	202409130112	27.90	44.10	17.20	21.80	ND
5	16/09/2024	202409160112	26.10	45.50	15.80	19.80	ND
6	20/09/2024	202409200112	30.80	47.80	18.10	22.30	ND
7	23/09/2024	202409230112	24.80	43.10	19.90	23.50	ND
8	27/09/2024	202409270112	27.10	46.00	21.40	25.50	ND
9	30/09/2024	202409300112	30.80	47.10	20.10	24.00	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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**Issued To** M/s Kamarajar Port Trust  
Vallur Post, Chennai, India

**Test Report Date:** 08/10/2024

**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. Shridhar  
 Sampling Duration (Hrs.) : 24 Hrs.

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020112	ND
2	06/09/2024	202409060112	ND
3	09/09/2024	202409090112	ND
4	13/09/2024	202409130112	ND
5	16/09/2024	202409160112	ND
6	20/09/2024	202409200112	ND
7	23/09/2024	202409230112	ND
8	27/09/2024	202409270112	ND
9	30/09/2024	202409300112	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020113	24.50	46.30	18.20	21.20	ND
2	06/09/2024	202409060113	25.60	49.40	19.50	23.40	ND
3	09/09/2024	202409090113	22.80	48.10	15.10	20.50	ND
4	13/09/2024	202409130113	24.10	50.20	17.20	21.10	ND
5	16/09/2024	202409160113	25.10	51.40	18.30	22.50	ND
6	20/09/2024	202409200113	22.10	45.20	19.10	23.90	ND
7	23/09/2024	202409230113	25.10	48.20	17.70	21.60	ND
8	27/09/2024	202409270113	24.80	45.80	20.40	23.70	ND
9	30/09/2024	202409300113	26.40	47.20	18.80	22.50	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>

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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

(AUTHORISED SIGNATORY)  
(RAVINDER MITTAL)

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020113	ND
2	06/09/2024	202409060113	ND
3	09/09/2024	202409090113	ND
4	13/09/2024	202409130113	ND
5	16/09/2024	202409160113	ND
6	20/09/2024	202409200113	ND
7	23/09/2024	202409230113	ND
8	27/09/2024	202409270113	ND
9	30/09/2024	202409300113	ND
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020114	20.80	31.40	14.10	19.50	ND
2	06/09/2024	202409060114	21.70	32.50	15.30	20.30	ND
3	09/09/2024	202409090114	24.60	33.60	16.40	21.70	ND
4	13/09/2024	202409130114	25.10	34.40	14.20	22.80	ND
5	16/09/2024	202409160114	23.30	31.90	15.30	20.80	ND
6	20/09/2024	202409200114	24.80	32.00	14.80	21.00	ND
7	23/09/2024	202409230114	26.10	35.10	13.90	22.70	ND
8	27/09/2024	202409270114	25.50	35.70	14.00	19.90	ND
9	30/09/2024	202409300114	27.10	36.40	16.50	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:**

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 MITAL)

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11

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

Test Report Date: 08/10/2024

#### 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. Shridhar  
Sampling Duration (Hrs.) : 24 Hrs.

#### Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020114	ND
2	06/09/2024	202409060114	ND
3	09/09/2024	202409090114	ND
4	13/09/2024	202409130114	ND
5	16/09/2024	202409160114	ND
6	20/09/2024	202409200114	ND
7	23/09/2024	202409230114	ND
8	27/09/2024	202409270114	ND
9	30/09/2024	202409300114	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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**BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB**

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020115	18.10	28.43	12.33	17.59	ND
2	06/09/2024	202409060115	19.47	29.62	13.84	18.32	ND
3	09/09/2024	202409090115	22.31	30.58	14.53	20.45	ND
4	13/09/2024	202409130115	22.67	31.74	12.29	21.58	ND
5	16/09/2024	202409160115	21.58	28.97	13.67	18.49	ND
6	20/09/2024	202409200115	22.63	29.38	12.18	18.53	ND
7	23/09/2024	202409230115	23.77	31.46	11.94	20.17	ND
8	27/09/2024	202409270115	22.08	31.07	11.75	18.86	ND
9	30/09/2024	202409300115	24.19	32.69	14.58	20.18	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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### BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020115	ND
2	06/09/2024	202409060115	ND
3	09/09/2024	202409090115	ND
4	13/09/2024	202409130115	ND
5	16/09/2024	202409160115	ND
6	20/09/2024	202409200115	ND
7	23/09/2024	202409230115	ND
8	27/09/2024	202409270115	ND
9	30/09/2024	202409300115	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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Issued To **M/s Kamarajar Port Trust**  
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Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020116	25.60	34.00	16.70	22.80	ND
2	06/09/2024	202409060116	24.10	33.20	19.40	23.40	ND
3	09/09/2024	202409090116	26.80	36.20	20.70	24.16	ND
4	13/09/2024	202409130116	22.50	32.50	19.60	23.90	ND
5	16/09/2024	202409160116	24.70	34.40	18.20	22.70	ND
6	20/09/2024	202409200116	23.50	33.50	21.60	25.10	ND
7	23/09/2024	202409230116	21.50	31.90	19.10	24.20	ND
8	27/09/2024	202409270116	24.00	32.80	18.30	23.20	ND
9	30/09/2024	202409300116	26.60	35.50	21.00	25.00	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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(RAVINDER MITTAL)

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

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020116	ND
2	06/09/2024	202409060116	ND
3	09/09/2024	202409090116	ND
4	13/09/2024	202409130116	ND
5	16/09/2024	202409160116	ND
6	20/09/2024	202409200116	ND
7	23/09/2024	202409230116	ND
8	27/09/2024	202409270116	ND
9	30/09/2024	202409300116	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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Vallur Post, Chennai, India

Test Report Date: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report 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	02/09/2024	202409020117	22.20	40.40	20.00	24.60	ND
2	06/09/2024	202409060117	21.80	34.50	19.20	25.80	ND
3	09/09/2024	202409090117	24.60	33.50	21.70	24.40	ND
4	13/09/2024	202409130117	26.10	37.60	18.50	26.60	ND
5	16/09/2024	202409160117	23.70	33.90	17.70	25.10	ND
6	20/09/2024	202409200117	22.50	39.20	19.80	23.80	ND
7	23/09/2024	202409230117	24.90	41.30	20.90	24.10	ND
8	27/09/2024	202409270117	22.90	35.70	17.20	23.30	ND
9	30/09/2024	202409300117	25.40	37.90	20.60	24.00	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: 08/10/2024

**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. Shridhar**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	02/09/2024	202409020117	ND
2	06/09/2024	202409060117	ND
3	09/09/2024	202409090117	ND
4	13/09/2024	202409130117	ND
5	16/09/2024	202409160117	ND
6	20/09/2024	202409200117	ND
7	23/09/2024	202409230117	ND
8	27/09/2024	202409270117	
9	30/09/2024	202409300117	
<b>Test Method</b>			<b>PID Based Methane Analyser</b>

**Remark:**

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## Test Reports of Wastewater (STP)

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(RAVINDER MITTAL)

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### BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

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

Test Report No.: 202409300110  
Test Report Date: 09/10/2024

#### Sample Particulars

Nature of the Sample : **Wastewater (STP)**  
 Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)  
 Sample Received at Lab : 04/10/2024  
 Test Started On : 04/10/2024  
 Test Completed On : 08/10/2024  
 Method of Sampling : SOP/B/D-3  
 Date of Sampling : 30/09/2024  
 Monitoring Conducted By : Mr. Shridhar  
 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	...	7.62	7.44	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	46	84	50	IS:3025 (P-17)
3	Chemical Oxygen Demand (COD)	mg/l	70	60	150	IS:3025 (P-58)
4	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	14	12	30	IS:3025 (P-44)
5	Faecal Coliform*	MPN/100 ml	300	900	<1000	IS:1622

(AUTHORISED SIGNATORY)

(RHYTHM BASSON\*)

(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)



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