



Kamarajar Port Limited

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

Reports on Environmental Monitoring of Kamarajar Port Limited



Study Period: Aug 2025

Prepared By



NITYA LABORATORIES

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Table of Contents

Sr. No.	Introduction	Page No.
1	Test Reports of Ambient Air Quality Monitoring	1-17
2	Test Reports of Effluent (Sewage) Monitoring	18-20



Test Reports of Ambient Air Quality Monitoring

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(SANDEEP SAINI)

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Vallur Post, Chennai, India

ULR No.: TC148142500005031F, 5093F, 5136F, 5292F, 5390F,
5463F, 5537F, 5606F, 5660F
Test Report Date: 06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	19.23	52.20	10.30	21.10	ND
2	04/08/2025	22.22	49.40	9.20	19.10	ND
3	07/08/2025	14.95	48.20	10.80	25.40	ND
4	11/08/2025	16.24	53.20	8.80	17.20	ND
5	14/08/2025	24.78	48.30	11.20	26.80	ND
6	18/08/2025	15.81	51.20	9.20	27.30	ND
7	21/08/2025	14.10	53.90	11.40	18.50	ND
8	25/08/2025	19.65	47.20	10.80	25.50	ND
9	28/08/2025	18.37	51.30	9.40	22.10	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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(SANDEEP SAINI)



TC-14814

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

Test Report No.: 202508010110-117
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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ULR No.: TC148142500005032F, 5094F, 5137F, 5293F, 5391F,
5464F, 5538F, 5607F, 5661F
Test Report Date: 06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	20.08	21.80	9.20	14.20	ND
2	04/08/2025	18.80	29.10	10.40	22.10	ND
3	07/08/2025	21.30	40.40	11.40	25.30	ND
4	11/08/2025	20.10	33.90	8.50	20.30	ND
5	14/08/2025	15.38	35.20	10.80	25.10	ND
6	18/08/2025	14.95	42.20	11.40	21.40	ND
7	21/08/2025	17.50	20.90	9.20	24.60	ND
8	25/08/2025	21.80	34.80	12.50	27.50	ND
9	28/08/2025	16.20	24.30	12.10	25.10	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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 No.: 202508010118-125
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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ULR No.:

TC148142500005033F, 5095F, 5138F, 5294F, 5392F,
5465F, 5539F, 5608F, 5662F

Test Report Date:

06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	27.35	45.30	11.50	21.40	ND
2	04/08/2025	28.20	50.20	12.60	25.20	ND
3	07/08/2025	21.36	38.50	8.90	24.90	ND
4	11/08/2025	27.35	42.50	13.20	16.30	ND
5	14/08/2025	26.50	46.20	10.40	14.20	ND
6	18/08/2025	25.20	49.00	11.40	26.40	ND
7	21/08/2025	19.60	53.30	9.00	27.30	ND
8	25/08/2025	28.60	36.90	9.40	29.10	ND
9	28/08/2025	24.30	40.30	12.60	22.80	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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 No.: 202508010126-133
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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ULR No.:

TC148142500005034F, 5096F, 5139F, 5295F, 5393F,
5466F, 5540F, 5609F, 5663F

Test Report Da

06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	23.07	41.50	10.90	20.80	ND
2	04/08/2025	20.50	48.20	9.20	15.30	ND
3	07/08/2025	19.65	46.20	11.40	19.50	ND
4	11/08/2025	18.30	44.10	10.80	15.20	ND
5	14/08/2025	15.38	50.40	13.20	14.20	ND
6	18/08/2025	11.10	51.50	9.20	23.40	ND
7	21/08/2025	20.50	40.20	11.50	25.20	ND
8	25/08/2025	14.10	44.90	15.20	19.30	ND
9	28/08/2025	18.37	43.40	14.30	24.40	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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Test Report No.: 202508010134-141
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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Vallur Post, Chennai, India

ULR No.: TC148142500005035F, 5097F, 5140F, 5296F, 5394F, 5467F,
5541F, 5610F, 5664F
Test Report Date: 06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	24.30	22.40	17.00	23.80	ND
2	04/08/2025	27.35	32.80	19.10	13.90	ND
3	07/08/2025	14.10	30.40	23.20	16.20	ND
4	11/08/2025	12.24	41.20	16.50	13.10	ND
5	14/08/2025	18.37	43.20	26.20	23.40	ND
6	18/08/2025	27.35	41.80	21.10	21.80	ND
7	21/08/2025	23.90	38.80	19.10	26.40	ND
8	25/08/2025	21.36	30.90	16.20	26.20	ND
9	28/08/2025	19.20	39.40	20.20	24.40	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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(SANDEEP SAINI)

(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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

Test Report No.: 202508010142-149
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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Vallur Post, Chennai, India

ULR No.:

TC148142500005036F, 5098F, 5141F, 5297F, 5395F, 5468F,
5542F, 5611F, 5665F

Test Report Date:

06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	17.10	32.20	14.20	16.20	ND
2	04/08/2025	19.20	24.20	12.80	15.40	ND
3	07/08/2025	26.06	25.40	12.20	19.40	ND
4	11/08/2025	20.10	18.10	12.00	27.40	ND
5	14/08/2025	21.36	25.30	11.90	23.20	ND
6	18/08/2025	23.50	22.20	11.10	22.10	ND
7	21/08/2025	21.36	18.90	11.40	26.20	ND
8	25/08/2025	14.10	22.40	12.20	17.20	ND
9	28/08/2025	16.23	21.90	13.60	19.40	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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 No.: 202508010150-157
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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Vallur Post, Chennai, India

ULR No.:

TC148142500005037F, 5099F, 5142F, 5298F, 5396F, 5469F,
5543F, 5612F, 5666F

Test Report Date:

06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	24.35	25.30	14.20	20.40	ND
2	04/08/2025	23.50	14.30	15.40	17.10	ND
3	07/08/2025	21.36	22.20	17.50	22.70	ND
4	11/08/2025	18.37	21.40	13.90	26.20	ND
5	14/08/2025	17.52	27.90	13.20	13.10	ND
6	18/08/2025	19.65	23.30	19.40	14.20	ND
7	21/08/2025	18.80	28.90	18.40	16.20	ND
8	25/08/2025	18.37	22.20	20.50	20.50	ND
9	28/08/2025	20.08	26.30	15.50	21.40	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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Vallur Post, Chennai, India

Test Report No.: 202508010158-165
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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ULR No.:

TC148142500005038F, 5100F, 5143F, 5299F, 5397F, 5470F,
5544F, 5613F, 5667F

Test Report Date:

06/09/2025

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	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/08/2025	21.79	22.60	17.10	21.90	ND
2	04/08/2025	20.50	26.40	16.20	28.20	ND
3	07/08/2025	23.50	28.40	17.40	30.20	ND
4	11/08/2025	26.06	42.10	18.10	26.80	ND
5	14/08/2025	19.65	37.00	12.80	20.40	ND
6	18/08/2025	18.37	32.10	11.90	18.10	ND
7	21/08/2025	21.36	40.20	12.90	19.40	ND
8	25/08/2025	18.80	38.20	11.20	20.30	ND
9	28/08/2025	19.65	41.30	15.40	19.30	ND
NAAQM Standards		60	100	80	80	2
Test Method		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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Vallur Post, Chennai, India

Test Report No.: 202508010166-173
Test Report Date: 06/09/2025

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	Concentration
		Methane (%)
1	01/08/2025	ND
2	04/08/2025	ND
3	07/08/2025	ND
4	11/08/2025	ND
5	14/08/2025	ND
6	18/08/2025	ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	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

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Test Reports of Wastewater (STP)

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(SANDEEP SAINI)

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(RAVINDER MITTAL)

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

ULR No.: TC148142500005491F-5492F
Test Report Date: 29/08/2025

Sample Particulars

Nature of the Sample : **Wastewater (STP)**
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)
Sample Received at Lab : 22/08/2025
Test Started On : 22/08/2025
Test Completed On : 28/08/2025
Method of Sampling : SOP/B/D-3
Date of Sampling : 19/08/2025
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	...	7.60	7.30	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	120	304	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	6	30	IS:3025 (P-44)



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

Test Report No.: 202508190110-111
Test Report Date: 29/08/2025

Sample Particulars

Nature of the Sample : **Wastewater (STP)**
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)
Sample Received at Lab : 22/08/2025
Test Started On : 22/08/2025
Test Completed On : 28/08/2025
Method of Sampling : SOP/B/D-3
Date of Sampling : 19/08/2025
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	503	669	<1000	IS:1622

(CHECKED BY)
(SANDEEP SAINI)

(AUTHORISED SIGNATORY)
(DHANU PRIYA*)

(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

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