

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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Test Reports of Ambient Air Quality Monitoring

(SANDEEP SAINI)

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

Issued To

M/s Kamarajar Port Trust

ULR No.:

TC148142500005031F,5093F, 5136F, 5292F, 5390F

5463F, 5537F, 5606F, 5660F

Vallur Post, Chennai, India

Test Report Date:

06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Main Gate

IS 5182 (Part 14)

Mr. Surva

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Date of Sampling 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	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 Sta	andards	60	100	80	80	2	
Test Metho	-	40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Datection 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 No .:

202508010110-117

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Main Gate

IS 5182 (Part 14)

Mr. Surya

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 .
est Method		PID Based Methane Analyser

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 ULR No.:

TC148142500005032F,5094F, 5137F, 5293F, 5391F.

5464F, 5538F, 5607F, 5661F

Vallur Post, Chennai, India

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Guest House

IS 5182 (Part 14)

Mr. Surva

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Star	ndards	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)	

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

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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

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Guest House

IS 5182 (Part 14)

Mr. Surya

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
est Method		PID Based Methane Analyser

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 ULR No :

TC148142500005033F,5095F, 5138F, 5294F, 5392F

5465F, 5539F, 5608F, 5662F

Vallur Post, Chennai, India

Test Report Date:

06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Admin Building

IS 5182 (Part 14)

Mr. Surya

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Star	ndards	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)	

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

Test Report No .:

202508010126-133

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Admin Building

IS 5182 (Part 14)

Mr. Surya

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 ND
7	21/08/2025	ND
8	25/08/2025	ND
9	28/08/2025	ND .
est Method		PID Based Methane Analyser

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

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Signal Station

IS 5182 (Part 14)

Mr. Surya

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Star	ndards	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)	

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 .:

202508010134-141

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Signal Station

IS 5182 (Part 14)

Mr. Surya

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
est Method		PID Based Methane Analyser

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

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Finger Jetty

IS 5182 (Part 14)

Mr. Surva

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Star	ndards	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)	

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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M/s Kamarajar Port Trust Vallur Post, Chennai, India

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

Test Report No .: Test Report Date:

202508010142-149 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Finger Jetty

IS 5182 (Part 14)

Mr. Surya

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
est 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

(CHECKED BY) NDEEP SAINI)

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(RAVINDER MITTAL

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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

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

General Cargo Berth

IS 5182 (Part 14)

Mr. Surya

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Stan	dards	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)	

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 .: Test Report Date:

202508010150-157 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

General Cargo Berth

IS 5182 (Part 14)

Mr. Surya

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
est Method		PID Based Methane Analyser

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

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Car Parking

IS 5182 (Part 14)

Mr. Surya

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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 Star	ndards	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)	

AAQS: 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.:

202508010158-165

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Car Parking

IS 5182 (Part 14)

Mr. Surya

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.
est 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

Vallur Post, Chennai, India

Test Report Date:

06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Fire Station

IS 5182 (Part 14)

Mr. Surya

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	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)		

ent 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 .:

202508010166-173

Test Report Date: 06/09/2025

Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Monitoring Conducted By

Sampling Duration (Hrs.)

Ambient Air Quality Monitoring

To Check the Pollution Load

Fire Station

IS 5182 (Part 14)

Mr. Surya

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			
st 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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18

Test Reports of Wastewater (STP)

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(AUTHORISED SIGNATORY)

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Vallur Post, Chennai, India

ULR No.:

TC148142500005491F-5492F

Test Report Date:

29/08/2025

Sample Particulars

Nature of the Sample

Sample Quantity & Packaging

Sample Received at Lab

Test Started On

Test Completed On

Method of Sampling

Date of Sampling

Sample Description

Monitoring Conducted By

Wastewater (STP)

1.0 Liter, Pet Bottle (Each)

22/08/2025

22/08/2025

28/08/2025

SOP/B/D-3

19/08/2025

Mr. Surya

W-1: STP O/L of Admin Building

W-2: STP O/L of Car Parking

Analysis Report

Sr. No.	Parameter	Unit	Result		Permissible	Protocol
			W-1	W-2	Limits	
1	рН		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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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

Monitoring Conducted By

19/08/2025 Mr. Surya

Sample Description

W-1: STP O/L of Admin Building

W-2: STP O/L of Car Parking

Analysis Report

r. No.	Parameter	Unit	Result		Permissible	Protocol
			W-1	W-2	Limits	
1 .	Faecal Coliform*	MPN/100 ml	503	669	<1000	IS:1622

KED BY NDEEP SAINI)

(DHANU PRIYA*)

(AUTHORISED SIGN

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