

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

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



<u>NITYA LABORATORIE</u>

 43, Sector-A1 Ext., Bhalla Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

+91-191-2465597

info@nityalab.com www.nityalab.com

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

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Test Reports of Ambient Air Quality Monitoring

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

Issued To

M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date: 08/10/2024

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. Shridhar

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	
NAAQM S	tandards		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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sinfa@nitualah sam @ umumu

Issued To

M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date:

08/10/2024

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. Shridhar

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
	, campang		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 Met	hod		PID Based Methane Analyser

Remark:

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(AUTHORISED SIGNATORY)

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Vallur Post, Chennai, India

Test Report Date:

08/10/2024

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. Shridhar

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	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	
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)		

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Issued To

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Vallur Post, Chennai, India

Test Report Date: 08/10/2024

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. Shridhar

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
	Cumpung		Methane (%)
1	02/09/2024	202409020111	ND
2	06/09/2024	202409060111	ND
3	09/09/2024	202409090111	ND
4	13/09/2024	20240913011,1	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
Test Met	hod		PID Based Methane Analyser

Remark:

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Vallur Post, Chennai, India

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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. Shridhar

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration					
	Sampling		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	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	49.10	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	
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:

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Vallur Post, Chennai, India

Test Report Date:

08/10/2024

7. 10000 April 20

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. Shridhar

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	202409200112	ND
7	23/09/2024	202409230112	ND
8	27/09/2024	202409270112	ND
9	30/09/2024	202409300112	ND
Test Meth	nod		PID Based Methane Analyser

Remark

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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. Shridhar 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	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	
NAAQM S	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)		

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Vallur Post, Chennai, India

Test Report Date:

08/10/2024

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. Shridhar

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
est Meth	od		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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+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com



NITYA LABORATORIES

43, Sector-A1 Ext., Bhalla Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

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

Issued To

M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date:

08/10/2024

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. Shridhar

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	- mis -:	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	
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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08/10/2024

11

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. Shridhar

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 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
Test Meth	od		196000000
COL MEUI	ou		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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labsnitya@gmail.com



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Sample Particulars

Nature of the Sample

Purpose of Monitoring

Sampling Location

Method of Sampling

Sampling Duration (Hrs.)

Monitoring Conducted By

Ambient Air Quality Monitoring

To Check the Pollution Load

General Cargo Berth

IS 5182 (Part 14)

Mr. Shridhar

24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	- als s. rest keport 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	*********		
9	30/09/2024	202409300115	24.19	32.69		102020	ND		
NAAQM S	tandards	- 4			14.58	20.18	ND		
			60	100	80	80	2		
Test Meth	od	,	40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (?-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)		

ient 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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3 +91-129-2241021

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labsnitya@gmail.com



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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

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. Shridhar

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	
est Meth	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

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08/10/2024

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. Shridhar

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		25.60	34.00	16.70 22.80 19.40 23.40 20.70 24.16 19.60 23.90 18.20 22.70 21.60 25.10 19.10 24.20 18.30 23.20	23.40 24.16 23.90	ND		
2	06/09/2024	202409060116	24.10	33.20					
3	09/09/2024	202409090116	26.80	36.20					
4	13/09/2024	202409130116	22.50	32.50					
5	16/09/2024	202409160116	24.70	34.40					
6	20/09/2024	202409200116	23.50			25.10			
7	23/09/2024	202409230116	21.50						
8	27/09/2024	202409270116	24.00	32.80					
9	30/09/2024	202409300116	26.60	35.50	21.00	25.00	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 Cont

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Vallur Post, Chennai, India

Test Report Date:

08/10/2024

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 (Fart 14)

Mr. Shridhar

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		
est Meth	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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Vallur Post, Chennai, India

08/10/2024 Test Report Date:

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. Shridhar

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 24.60 26.10	34.50 33.50 37.60	19.20 21.70 18.50	25.80 24.40 26.60	ND ND ND		
3	09/09/2024	202409090117							
4	13/09/2024	202409130117							
5 16/09/2024		202409160117	23.70	33.90	17.70	25.10	ND		
	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		
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)		

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 +91-129-2241021

+91-9013591021, +91-9013552273

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Vallur Post, Chennai, India

Test Report Date: 08/10/2024

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. Shridhar

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			
est Meth	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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C +91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com



NITYA LABORATORIES

◆ 43, Sector-A1 Ext., Bhalla Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

+91-191-2465597

info@nityalab.com www.nityalab.com

Test Reports of Wastewater (STP)



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

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

30F/B/D-3

Monitoring Conducted By

30/09/2024 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	Protocol
	_		W-1	W-2	Limits	
1	рН		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)

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