

Kamarajar Port Limited

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

Reports on Environmental Monitoring of Kamarajar Port Limited





Study Period: July 2024

Prepared By



NITYA LABORATORIES

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

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Test Reports of Ambient Air Quality Monitoring



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Issued To

M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

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	ULR No	Concentration					
= 1			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_	01/07/2024	TC6366240000004757F	18.64	47.10	12.33	18.33	ND	
2	05/07/2024	TC6366240000004834F	21.48	50.42	11.44	19.28	ND	
3	08/07/2024	TC6366240000004869F	17.26	47.62	10.57	24.62	ND	
4	12/07/2024	TC6366240000004953F	16.58	51.23	13.68	17.49	ND	
5	15/07/2024	TC6366240000004993F	18.32	47.98	14.29	24.38	ND	
6	19/07/2024	TC6366240000005148F	19.22	46.63	10.66	25.44	ND	
7	22/07/2024	TC6366240000005239F	18.76	49.18	11.39	20.93	ND	
8	26/07/2024	TC6366240000005314F	19.84	51.66	13.47	18.74	ND	
9	29/07/2024	TC6366240000005370F	20.44	50.29	11.86	20.68	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, DI -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

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

Issued To M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

Sample Particulars

Sampling Duration (Hrs.)

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

Analysis Report

24 Hrs.

Sr. No.	Date of Sampling	Test Report No.	Concentration
	Camping		Methane (%)
1	01/07/2024	202407010110	ND .
2	05/07/2024	202407050110	ND
3	08/07/2024	202407080110	ND
4	12/07/2024	202407120110	ND
5	15/07/2024	202407150110	ND
6	19/07/2024	202407190110	ND
7	22/07/2024	202407220110	ND
8	26/07/2024	202407260110	ND
9	29/07/2024	202407290110	ND
Test Met	hod		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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M/s Kamarajar Port Trust Issued To

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

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	ULK 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	01/07/2024	TC6366240000004758F	17.44	27.59	10.43	23.47	ND		
2	05/07/2024	TC6366240000004835F	18.33				IND		
3	00/07/000 /	-555 -555 95 755 755 755 75	10.33	28.44	10.29	16.32	ND		
3	08/07/2024	TC6366240000004870F	21.16	31.68	11.10	15.57	ND		
4	12/07/2024	TC6366240000004954F	20.67	32.18	0.000000	1100-001-000	ND		
5	15/07/0004		20.07	32.18	10.26	17.83	ND		
3	15/07/2024	TC6366240000004994F	17.87	33.24	12.34	18.59	ND		
6	19/07/2024	TC6366240000005149F	10.00			10.55	ND		
		1 00000240000005149F	18.69	36.67	12.72	18.25	ND		
7	22/07/2024	TC6366240000005240F	19.24	28.19	10.26	40.00			
8	26/07/2024			20.19	10.26	19.69	ND		
0	26/07/2024	TC6366240000005315F	20.39	27.53	11.78	16.95	ND		
9	29/07/2024	TC6366240000005371F	04 777		200000000	10.00	ND		
		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21.77	29.48	12.97	18.08	ND		
NAAQM S	tandards		60	100	00				
est Meth	a al			100	80	80	2		
nark:		= = =	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 Date: 02/08/2024

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

Date of Sampling	Test Report No.	Concentration
		Methane (%)
01/07/2024	202407010111	en en
05/07/2024	200	ND
03/07/2024	202407050111	ND
08/07/2024	202407080111	ND
12/07/2024	202407400444	ND
12/01/2024	20240/120111	ND
15/07/2024	202407150111	ND
10/07/2024		ND
19/07/2024	202407190111	ND
22/07/2024	202407220444	
	20240/220111	ND
26/07/2024	202407260111	ND.
00/07/000		ND
29/07/2024	202407290111	ND
od		Appendix
		PID Based Methane Analyser
	Sampling 01/07/2024 05/07/2024 08/07/2024 12/07/2024 15/07/2024 22/07/2024 26/07/2024 29/07/2024	Sampling 01/07/2024 202407010111 05/07/2024 202407050111 08/07/2024 202407080111 12/07/2024 202407120111 15/07/2024 202407150111 19/07/2024 202407190111 22/07/2024 202407220111 26/07/2024 202407260111 29/07/2024 202407290111

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:

02/08/2024

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

Admin Building

IS 5182 (Part 14)

Mr. Shridhar 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Date of ULR No Sampling	Concentration					
	0.4.05		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	01/07/2024	TC6366240000004759F	23.17	41.12	13.47	18.16	-	
2	05/07/2024	TC6366240000004836F			10.47	10.10	ND	
			26.34	39.57	16.92	20.34	ND	
3	08/07/2024	TC6366240000004871F	23.28	38.26	15.38			
4	12/07/2024	TC6366240000004955F		30.20	15.38	20.97	ND	
	. Commission was in the	100000240000004955F	24.67	41.23	14.27	18.83	ND	
5	15/07/2024	TC6366240000004995F	23.44	42.68	12.36	45.10		
6	19/07/2024	TC6265040000000000000000000000000000000000	102522001	42.00	12.30	15.46	ND	
	10/0/12024	TC6366240000005150F	27.78	44.29	15.94	19.08	ND	
7	22/07/2024	TC6366240000005241F	21.06	11.07		10015086900	ND	
8	00/07/000		21.00	44.07	16.78	20.52	ND	
0	26/07/2024	TC6366240000005316F	23.57	42.77	18.44	22.43		
9	29/07/2024	TC6366240000005372F		10-1000	10.44	22.43	ND	
S # 1 4		100300240000005372F	26.39	43.92	16.98	19.62	ND	
NAAQM S	tandards		60	100				
est Meth	a d			100	80	80	2	
est wern	oa		40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5162 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	

AQS: 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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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	01/07/2024	202407010112	ND
2	05/07/2024	202407050112	ND
3	08/07/2024	202407080112	ND
4	12/07/2024	202407120112	ND
5	15/07/2024	202407150112	ND
6	19/07/2024	202407190112	ND
7	22/07/2024	202407220112	ND
8	26/07/2024	202407260112	ND
9	29/07/2024	202407290112	ND
est Meth	od		
			PID Based Methane Analyser

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Test Report Date: 02/08/2024

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	ULR No	Concentration					
		×	Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3	
1	01/07/2024	TC6366240000004760F	20.54	42.38	14.24	17.18	ND	
2	05/07/2024	TC6366240000004837F	21.13	46.55	14.56	18.42	ND	
3	08/07/2024	TC6366240000004872F	18.48	44.28	11.32	16.36	ND	
4	12/07/2024	TC6366240000004956F	20.62	47.48	13.44	16.97	ND	
5	15/07/2024	TC6366240000004996F	20.94	48.64	14.08	18.24	ND	
6	19/07/2024	TC6366240000005151F	18.26	41.07	15.17	19.68	ND	
7	22/07/2024	TC6366240000005242F	21.37	44.73	14.29	18.08	ND	
8	26/07/2024	TC6366240000005317F	20.85	41.92	16.44	19.45	ND	
9	29/07/2024	TC6366240000005373F	22.46	43.67	13.75	17.63	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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Test Report Date: 02/08/2024

Vallur Post, Chennai, India

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	01/07/2024	202407010113	ND
2	05/07/2024	202407050113	ND
3	08/07/2024	202407080113	ND
4	12/07/2024	202407120113	ND
5	15/07/2024	202407150113	ND
6	19/07/2024	202407190113	ND
7	22/07/2024	202407220113	ND
8	26/07/2024	202407260113	ND
- 9	29/07/2024	202407290113	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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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

M/s Kamarajar Port Trust Issued To

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

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	ULR No		Co	ncentration		
			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	01/07/2024	TC6366240000004761F	24.49	30.38	18.38	22.16	ND
2	05/07/2024	TC6366240000004838F	27.18	31.17	16.43	20.47	ND
3	08/07/2024	TC6366240000004873F	21.877	29.43	18.48	22.39	ND
4	12/07/2024	TC6366240000004957F	18.34	33.57	17.01	20.87	ND
5	15/07/2024	TC6366240000004997F	21.06	35.76	20.32	24.08	ND
6	19/07/2024	TC6366240000005152F	26.63	35.21	22.56	24.62	ND
7	22/07/2024	TC6366240000005243F	23.27	34.68	18.78	23.18	ND
8	26/07/2024	TC6366240000005318F	21.83	36.82	19.47	22.74	ND
9	29/07/2024	TC6366240000005374F	24.92	39.40	21.86	24.93	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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11

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

Issued To M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

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	Test Report No.	Concentration
			Methane (%)
1	01/07/2024	202407010114	ND
2	05/07/2024	202407050114	ND
3	08/07/2024	202407080114	ND
4	12/07/2024	202407120114	ND
5	15/07/2024	202407150114	ND
6	19/07/2024	202407190114	ND
7	22/07/2024	202407220114	ND
8	26/07/2024	202407260114	ND
9	29/07/2024	202407290114	ND
Test Meth	od		PID Based Methane Analyser

Remark

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (38)], [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:

02/08/2024

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	OLIV 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	01/07/2024	TC6366240000004762F	18.10	28.43	12.33	17.59	ND	
2	05/07/2024	TC6366240000004839F	19.47	29.62	13.84	18.32	ND	
3	08/07/2024	TC6366240000004874F	22.31	30.58	14.53	20.45	ND	
4	12/07/2024	TC6366240000004958F	22.67	31.74	12.29	21.58	ND	
5	15/07/2024	TC6366240000004998F	21.58	28.97	13.67	18.49	ND	
6	19/07/2024	TC6366240000005153F	22.63	29.38	12.18	18.53	ND	
7 -	22/07/2024	TC6366240000005244F	23.77	31.46	11.94	20.17	ND	
8	26/07/2024	TC6366240000005319F	22.08	31.07	11.75	18.86	ND	
9	29/07/2024	TC6366240000005375F	24.19	32.69	14.58	20.18	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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BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

Issued To M/s Kamarajar Port Trust

Vallur Post, Chennai, India

Test Report Date: 02/08/2024

Ambient Air Quality Monitoring

Sample Particulars

Nature of the Sample

Purpose of Monitoring : To Check the Pollution Load

Sampling Location : General Cargo Berth
Method of Sampling : IS 5182 (Part 14)

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		
	- camping		Methane (%)		
1	01/07/2024	202407010115	ND		
2	05/07/2024	202407050115	ND		
3	08/07/2024	202407080115	ND		
4	12/07/2024	202407120115	ND		
5	15/07/2024	202407150115	ND		
6	19/07/2024	202407190115	ND		
7	22/07/2024	202407220115	ND		
8	26/07/2024	202407260115	ND		
9	29/07/2024	202407290115	ND .		
est Meti	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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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	ULR No	Concentration							
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3			
1	01/07/2024	TC6366240000004763F	21.49	30.44	13.72	18.87	ND			
2	05/07/2024	TC6366240000004840F	20.32	29.57	16.49	20.31	ND			
3	08/07/2024	TC6366240000004875F	23.57	32.76	17.73	21.38	ND			
4	12/07/2024	TC6366240000004959F	18.09	28.45	15.24	20.13	ND			
5	15/07/2024	TC6366240000004999F	21.65	30.63	14.58	18.37	ND			
6	19/07/2024	19/07/2024	19/07/2024	19/07/2024	TC6366240000005154F	19.94	29.32	29.32 17.61 21.46	21.46	ND
7	22/07/2024		17.36	27.94	15.08	20.81	ND			
8	26/07/2024		20.87	29.07	14.47	19.29	ND			
9	29/07/2024	TC6366240000005376F	22.69	31.86	17.28	21.44	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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Vallur Post, Chennai, India

Test Report Date: 02/08/2024

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		
			Methane (%)		
1	01/07/2024	202407010116	ND		
2	05/07/2024	202407050116	ND		
3	08/07/2024	202407080116	ND		
4	12/07/2024	202407120116	ND		
5	15/07/2024	202407150116	ND		
6	19/07/2024	202407190116	ND		
7	22/07/2024	202407220116	ND		
8	26/07/2024	202407260116	ND		
9	29/07/2024	202407290116	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

Test Report Date:

02/08/2024

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	ULR No	Concentration						
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3		
1	01/07/2024	TC6366240000004764F	19.25	37.47	18.33	22.68	ND		
2	05/07/2024	TC6366240000004841F	18.46	31.58	17.56	23.43	ND		
3	08/07/2024	TC6366240000004876F	21.62	30.24	19.69	22.57	ND		
4	12/07/2024	TC6366240000004960F	23.18	34.69	16.21	25.63	ND		
5	15/07/2024	TC6366240000005000F	20.74	33.72	14.48	21.34	ND		
6	19/07/2024	TC6366240000005155F	19.33	36.64	17.84	21.19	ND		
7.	22/07/2024	TC6366240000005246F	21.82	38.44	18.97	22.78	ND		
8	26/07/2024	TC6366240000005321F	19.93	32.66	15.43	20.08	ND		
9	29/07/2024	TC6366240000005377F	22.47	34.87	18.63	22.34			
NAAQM S	tandards		60				ND		
			00	100	80	80	2		
Test Meth	od		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 Date: 02/08/2024

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

Date of Sampling	Test Report No.	Concentration
		Methane (%)
01/07/2024	202407010117	ND
05/07/2024	202407050117	ND
08/07/2024	202407080117	ND
12/07/2024	202407120117	ND
15/07/2024	202407150117	ND
19/07/2024	202407190117	ND
22/07/2024	202407220117	
26/07/2024		ND
7.464	- Park	A second
	202407290117	
est Method		PID Based Methane Analyser
-	01/07/2024 05/07/2024 08/07/2024 12/07/2024 15/07/2024 19/07/2024 22/07/2024 26/07/2024 29/07/2024	01/07/2024 202407010117 05/07/2024 202407050117 08/07/2024 202407080117 12/07/2024 202407120117 15/07/2024 202407150117 19/07/2024 202407190117 22/07/2024 202407220117 26/07/2024 202407260117 29/07/2024 202407290117

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)

HORISED SIGNATORY) (RAVINDER MITTAL)

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Issued To M/s Kamarajar Port Trust

Vallur Post, Chennai, India

ULR No.:

TC6366240000005378F-5379F

Test Report Date:

02/08/2024

Sample Particulars

Nature of the Sample

Wastewater (STP)

Sample Quantity & Packaging

1.0 Liter, Pet Bottle (Each)

Sample Received at Lab

30/07/2024

Test Started On

30/07/2024

Test Completed On Method of Sampling

02/08/2024

Date of Sampling

SOP/B/D-3

Monitoring Conducted By

29/07/2024

Sample Description

Mr. Shridhar 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	pH		7.51	7.39	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	52	94	50	IS:3025 (P-17)
3	Chemical Oxygen Demand (COD)	mg/l	80	70	150	IS:3025 (P-58)
4	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	16	13	30	IS:3025 (P-44)
5	Faecal Coliform*	MPN/100 mI	384	788	<1000	IS:1622



6366

(AUTHORISED SIGNATORY)

(RHYTHM BASSON*)

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(RAVINDER MITTAL)

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