



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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Test Reports of Ambient Air Quality Monitoring



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(RAVINDER MITTAL)

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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 : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Main Gate**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO2) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO2) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
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)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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

Test Report Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : To Check the Pollution Load
Sampling Location : Main Gate
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : Mr. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	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 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

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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
Guest House
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) µg/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	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	10.26	17.83	ND
5	15/07/2024	TC6366240000004994F	17.87	33.24	12.34	18.59	ND
6	19/07/2024	TC6366240000005149F	18.69	36.67	12.72	18.25	ND
7	22/07/2024	TC6366240000005240F	19.24	28.19	10.26	19.69	ND
8	26/07/2024	TC6366240000005315F	20.39	27.53	11.78	16.95	ND
9	29/07/2024	TC6366240000005371F	21.77	29.48	12.97	18.08	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: 02/08/2024

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Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : To Check the Pollution Load
Sampling Location : Guest House
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : Mr. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/07/2024	202407010111	ND
2	05/07/2024	202407050111	ND
3	08/07/2024	202407080111	ND
4	12/07/2024	202407120111	ND
5	15/07/2024	202407150111	ND
6	19/07/2024	202407190111	ND
7	22/07/2024	202407220111	ND
8	26/07/2024	202407260111	ND
9	29/07/2024	202407290111	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

6

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : To Check the Pollution Load
Sampling Location : Admin Building
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : Mr. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	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	TC6366240000004759F	23.17	41.12	13.47	18.16	ND
2	05/07/2024	TC6366240000004836F	26.34	39.57	16.92	20.34	ND
3	08/07/2024	TC6366240000004871F	23.28	38.26	15.38	20.97	ND
4	12/07/2024	TC6366240000004955F	24.67	41.23	14.27	18.83	ND
5	15/07/2024	TC6366240000004995F	23.44	42.68	12.36	15.46	ND
6	19/07/2024	TC6366240000005150F	27.78	44.29	15.94	19.08	ND
7	22/07/2024	TC6366240000005241F	21.06	44.07	16.78	20.52	ND
8	26/07/2024	TC6366240000005316F	23.57	42.77	18.44	22.43	ND
9	29/07/2024	TC6366240000005372F	26.39	43.92	16.98	19.62	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5162 (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 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	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
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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Issued To **M/s Kamarajar Port Trust**
Vallur Post, Chennai, India

Test Report Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Signal Station**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	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	01/07/2024	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)

Remark:

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Vallur Post, Chennai, India

Test Report Date: 02/08/2024

9

Sample Particulars

Nature of the Sample	: Ambient Air Quality Monitoring
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: Signal Station
Method of Sampling	: IS 5182 (Part 14)
Monitoring Conducted By	: Mr. Shridhar
Sampling Duration (Hrs.)	: 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	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
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 : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Finger Jetty**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO2) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO2) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
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)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 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 : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Finger Jetty**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	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 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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Issued To **M/s Kamarajar Port Trust**
Vallur Post, Chennai, India

Test Report Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **General Cargo Berth**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	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	01/07/2024	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)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions, Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board



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

Test Report Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **General Cargo Berth**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	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
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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Issued To **M/s Kamarajar Port Trust**
Vallur Post, Chennai, India

Test Report Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Car Parking**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	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	01/07/2024	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	TC6366240000005154F	19.94	29.32	17.61	21.46	ND
7	22/07/2024	TC6366240000005245F	17.36	27.94	15.08	20.81	ND
8	26/07/2024	TC6366240000005320F	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)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 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 Date: 02/08/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Car Parking**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	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 : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Fire Station**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	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	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(ii)] 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-6366



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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 : **Ambient Air Quality Monitoring**
Purpose of Monitoring : **To Check the Pollution Load**
Sampling Location : **Fire Station**
Method of Sampling : **IS 5182 (Part 14)**
Monitoring Conducted By : **Mr. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/07/2024	202407010117	ND
2	05/07/2024	202407050117	ND
3	08/07/2024	202407080117	ND
4	12/07/2024	202407120117	ND
5	15/07/2024	202407150117	ND
6	19/07/2024	202407190117	ND
7	22/07/2024	202407220117	ND
8	26/07/2024	202407260117	
9	29/07/2024	202407290117	
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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(RAVINDER MITTAL)

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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 : 02/08/2024
Method of Sampling : SOP/B/D-3
Date of Sampling : 29/07/2024
Monitoring Conducted By : Mr. Shridhar
Sample Description : W-1: STP O/L of Admin Building
W-2: STP O/L of Car Parking

Analysis Report

Sr. No.	Parameter	Unit	Result		Permissible Limits	Protocol
			W-1	W-2		
1	pH	...	7.51	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 ml	384	788	<1000	IS:1622



TC-6366

(AUTHORISED SIGNATORY)

(RHYTHM BASSON*)



(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

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