

CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date CTL/CH/N-10662 to N-10666/2026-27 & 02.07.2026
Sample Number N-10662 to N-10666/26-27
Name of the Customer M/s. IL&FS TAMILNADU POWER CO.LTD,
Address C.Pudhupettai(Post), Parangipettai,
 Bhuvanagiri Taluka,Cuddalore - 608502.

Sample Drawn by Laboratory
Sample Name Ambient Air
Sample Description Ambient Air Quality
Sampling Plan & Procedure CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV)
Sample Quantity 1 No Each
Analysis Completed on 02.07.2026

Test Results:

The above sample tested as received, and results are as follows:

DISCIPLINE : CHEMICAL

GROUP : ATMOSPHERIC POLLUTION

SL.NO	PARAMETERS	METHODS	UNITS	AAQ 1	AAQ 2	AAQ 3	AAQ 4	AAQ 5	NAAQS*
				SAMPLING DATE					
				19.06.2026 to 20.06.2026	20.06.2026 to 21.06.2026	21.06.2026 to 22.06.2026	20.06.2026 to 21.06.2026	21.06.2026 to 22.06.2026	
1	PARTICULATE MATTER (PM _{2.5})	IS 5182 (Part 24)	µg/m ³	34.8	26.1	29.1	16.3	21.5	60
2	PARTICULATE MATTER (PM ₁₀)	IS 5182 (Part 23)	µg/m ³	76.5	58.7	61.3	42.9	50.5	100
3	SULPHUR DIOXIDE (SO ₂)	IS 5182 (Part 2)	µg/m ³	14.7	10.6	8.5	6.8	9.3	80
4	OXIDES OF NITROGEN (NO ₂)	IS 5182 (Part 6)	µg/m ³	29.1	21.5	15.9	12.7	17.1	80
5	OZONE (O ₃)	CTL/SOP/AIR/08	µg/m ³	36.5	26.3	22.7	15.6	23.6	100
6	LEAD (Pb)	IS 5182 (Part 22)	µg/m ³	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	1
7	CARBON MONOXIDE (CO)	CTL/SOP/AIR/23	mg/m ³	RI.Q(1.0Q:1.15)	RI.Q(1.0Q:1.15)	RI.Q(1.0Q:1.15)	RI.Q(1.0Q:1.15)	RI.Q(1.0Q:1.15)	?
8	AMMONIA (NH ₃)	IS 5182 (Part 25)	µg/m ³	30.6	19.5	15.9	10.1	20.5	400
9	ARSENIC (As)	CTL/SOP/AIR/06	ng/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	6
10	NICKEL (Ni)	IS 5182 (Part 26)	ng/m ³	RI.Q(1.0Q:2.0)	RI.Q(1.0Q:2.0)	RI.Q(1.0Q:2.0)	RI.Q(1.0Q:2.0)	RI.Q(1.0Q:2.0)	20
11	RFN7FNF (C ₁₀ H ₈)	IS 5182 (Part 11)	µg/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	5
12	BENZO(a)PYRENE	IS 5182 (Part 12)	ng/m ³	RI.Q(1.0Q:0.5)	RI.Q(1.0Q:0.5)	RI.Q(1.0Q:0.5)	RI.Q(1.0Q:0.5)	RI.Q(1.0Q:0.5)	1


Verified by



For Chennai Testing Laboratory Pvt Ltd


Authorised Signatory

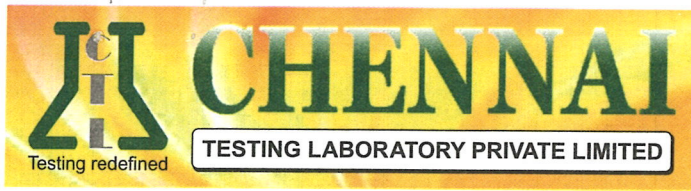
Page 1 of 2

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)

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A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in



CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date	CTL/CH/N-10662 to N-10666/2026-27 & 02.07.2026
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*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

S. No	Location Code	Location Name	Location Coordinates
1	AAQ 1	KUDIKADU(NB)	11°41'00.464" North 79°45'26.632" East
2	AAQ 2	PERIYAPATTU(NNW)	11°33'35.731" North 79°43'14.835" East
3	AAQ 3	SILAMBIMANGALAM(NNW)	11°32'57.358" North 79°43'28.154" East
4	AAQ 4	PUVALAI(W)	11°30'51.621" North 79°40'37.846" East
5	AAQ 5	KOTHATTAI(SW)	11°30'35.552" North 79°42'47.575" East

END OF REPORT

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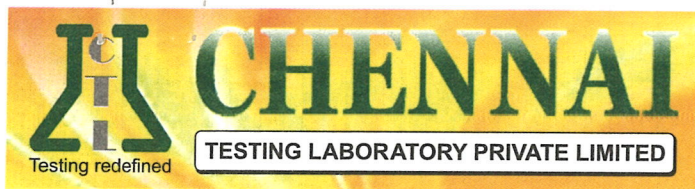
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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date CTL/CH/N-10667 to N-10671/2026-27 & 02.07.2026
Sample Number N-10667 to N-10671/26-27
Name of the Customer M/s. IL&FS TAMILNADU POWER CO.LTD,
Address C.Pudhupettai(Post), Parangipettai,
Bhuvanagiri Taluka,Cuddalore - 608502.
Sample Drawn by Laboratory
Sample Name Ambient Air
Sample Description Ambient Air Quality
Sampling Plan & Procedure CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV)
Sample Quantity 1 No Each
Analysis Completed on 02.07.2026

Test Results:

The above sample tested as received, and results are as follows:

DISCIPLINE : CHEMICAL

GROUP : ATMOSPHERIC POLLUTION

SL.NO	PARAMETERS	METHODS	UNITS	AAQ 6	AAQ 7	AAQ 8	AAQ 9	AAQ 10	NAAQS*
				SAMPLING DATE					
				20.06.2026 to 21.06.2026	19.06.2026 to 20.06.2026	20.06.2026 to 21.06.2026	20.06.2026 to 21.06.2026	21.06.2026 to 22.06.2026	
1	PARTICULATE MATTER (PM _{2.5})	IS 5182 (Part 24)	µg/m ³	17.3	31.7	36.2	30.5	19.5	60
2	PARTICULATE MATTER (PM ₁₀)	IS 5182 (Part 23)	µg/m ³	45.6	68.5	73.5	67.5	46.5	100
3	SULPHUR DIOXIDE (SO ₂)	IS 5182 (Part 2)	µg/m ³	6.5	14.7	16.2	12.7	7.5	80
4	OXIDES OF NITROGEN (NO ₂)	IS 5182 (Part 6)	µg/m ³	13.7	27.6	32.4	24.6	14.8	80
5	OZONE (O ₃)	CTL/SOP/AIR/08	µg/m ³	22.6	32.5	39.5	30.5	17.3	100
6	LEAD (Pb)	IS 5182 (Part 22)	µg/m ³	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	1
7	CARBON MONOXIDE (CO)	CTL/SOP/AIR/23	mg/m ³	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	2
8	AMMONIA (NH ₃)	IS 5182 (Part 25)	µg/m ³	11.4	25.6	26.5	22.7	10.8	400
9	ARSENIC (As)	CTL/SOP/AIR/06	ng/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	6
10	NICKEL (Ni)	IS 5182 (Part 26)	ng/m ³	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	20
11	BENZENE (C ₆ H ₆)	IS 5182 (Part 11)	µg/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	5
12	BENZO(a)PYRENE	IS 5182 (Part 12)	ng/m ³	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	1

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For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory

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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date	CTL/CH/N-10667 to N-10671/2026-27 & 02.07.2026
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SL.NO	PARAMETERS	METHODS	UNITS	AAQ 6	AAQ 7	AAQ 8	AAQ 9	AAQ 10	NAAQS*
				SAMPLING DATE					
				20.06.2026 to 21.06.2026	19.06.2026 to 20.06.2026	20.06.2026 to 21.06.2026	20.06.2026 to 21.06.2026	21.06.2026 to 22.06.2026	
13	MERCURY	CTL/SOP/AIR/25	ng/m ³	-	-	BLQ(LOQ:1.0)	-	-	-

*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009.
BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

S. No	Location Code	Location Name	Location Coordinates
1	AAQ 6	PUTHUR(S)	11°21'23.264" North 79°34'2.173" East
2	AAQ 7	CHIDAMBARAM(SSW)	11°24'10.408" North 79°40'49.764" East
3	AAQ 8	VADALUR(W)	11°33'20.876" North 79°33'22.013" East
4	AAQ 9	PANRUTI(WNW)	11°46'11.929" North 79°33'56.816" East
5	AAQ 10	THACHAKKADU(WSW)	11°28'55.267" North 79°41'30.399" East

END OF REPORT


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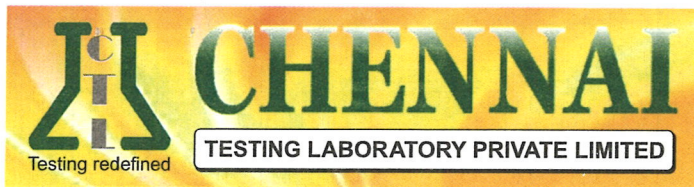
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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date CTL/CH/N-10672 to N-10676/2026-27 & 02.07.2026
Sample Number N-10672 to N-10676/26-27
Name of the Customer M/s. IL&FS TAMILNADU POWER CO.LTD,
Address C.Pudhupettai(Post), Parangipettai,
Bhuvanagiri Taluka,Cuddalore - 608502.

Sample Drawn by Laboratory
Sample Name Ambient Air
Sample Description Ambient Air Quality
Sampling Plan & Procedure CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV)
Sample Quantity 1 No Each
Analysis Completed on 02.07.2026

Test Results:

The above sample tested as received, and results are as follows:

DISCIPLINE : CHEMICAL

GROUP : ATMOSPHERIC POLLUTION

SL.NO	PARAMETERS	METHODS	UNITS	AAQ 11	AAQ 12	AAQ 13	AAQ 14	AAQ 15	NAAQS*
				SAMPLING DATE					
				21.06.2026 to 22.06.2026	21.06.2026 to 22.06.2026	19.06.2026 to 20.06.2026	21.06.2026 to 22.06.2026	21.06.2026 to 22.06.2026	
1	PARTICULATE MATTER (PM _{2.5})	IS 5182 (Part 24)	µg/m ³	14.8	23.5	18.1	23.6	21.8	60
2	PARTICULATE MATTER (PM ₁₀)	IS 5182 (Part 23)	µg/m ³	39.4	48.7	44.7	52.4	49.3	100
3	SULPHUR DIOXIDE (SO ₂)	IS 5182 (Part 2)	µg/m ³	4.9	5.3	6.5	7.6	5.4	80
4	OXIDES OF NITROGEN (NO ₂)	IS 5182 (Part 6)	µg/m ³	9.6	10.2	11.3	12.8	10.6	80
5	OZONE (O ₃)	CTL/SOP/AIR/08	µg/m ³	10.2	15.6	11.6	13	8.3	100
6	LEAD (Pb)	IS 5182 (Part 22)	µg/m ³	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	1
7	CARBON MONOXIDE (CO)	CTL/SOP/AIR/23	mg/m ³	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	2
8	AMMONIA (NH ₃)	IS 5182 (Part 25)	µg/m ³	6.5	8.5	6.9	9.7	5.3	400
9	ARSENIC (As)	CTL/SOP/AIR/06	ng/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	6
10	NICKEL (Ni)	IS 5182 (Part 26)	ng/m ³	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	20
11	BENZENE (C ₆ H ₆)	IS 5182 (Part 11)	µg/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	5
12	BENZO(a)PYRENE	IS 5182 (Part 12)	ng/m ³	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	1

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For Chennai Testing Laboratory Pvt Ltd

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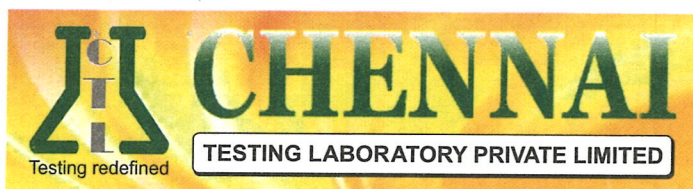
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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date	CTL/CH/N-10672 to N-10676/2026-27 & 02.07.2026
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*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826 dated 18.11.2009.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

S.No	Location Code	Location Name	Location Coordinates
1	AAQ 11	VELINGIRAYANPETTAI(NNE)	11°31'30.138" North 79°45'43.718" East
2	AAQ 12	PORTO NOVO(SE)	11°29'8.834" North 79°45'3.517" East
3	AAQ 13	SAMIYARPETTAI(NNE)	11°33'2.294" North 79°45'17.803" East
4	AAQ 14	THOPPIRUPPU(WSW)	11°30'51.244" North 79°44'12.562" East
5	AAQ 15	AYYAMPETTAI(N)	11°35'9.655" North 79°45'18.822" East

END OF REPORT


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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date CTL/CH/N-10677 to N-10681/2026-27 & 02.07.2026
Sample Number N-10677 to N-10681/26-27
Name of the Customer M/s. IL&FS TAMILNADU POWER CO.LTD,
Address C.Pudhupettai(Post), Parangipettai,
Bhuvanagiri Taluka,Cuddalore - 608502.

Sample Drawn by Laboratory
Sample Name Ambient Air
Sample Description Ambient Air Quality
Sampling Plan & Procedure CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV)
Sample Quantity 1 No Each
Analysis Completed on 02.07.2026

Test Results:

The above sample tested as received, and results are as follows:

DISCIPLINE : CHEMICAL

GROUP : ATMOSPHERIC POLLUTION

SL.NO	PARAMETERS	METHODS	UNITS	AAQ 16	AAQ 17	AAQ 18	AAQ 19	AAQ 20	NAAQS*
				SAMPLING DATE					
				19.06.2026 to 20.06.2026	20.06.2026 to 21.06.2026	20.06.2026 to 21.06.2026	19.06.2026 to 20.06.2026	19.06.2026 to 20.06.2026	
1	PARTICULATE MATTER (PM _{2.5})	IS 5182 (Part 24)	µg/m ³	16.3	19.7	15.9	19.0	24.8	60
2	PARTICULATE MATTER (PM ₁₀)	IS 5182 (Part 23)	µg/m ³	45.1	46.3	39.5	44.3	57.3	100
3	SULPHUR DIOXIDE (SO ₂)	IS 5182 (Part 2)	µg/m ³	4.8	7.2	5.1	6.2	13.8	80
4	OXIDES OF NITROGEN (NO ₂)	IS 5182 (Part 6)	µg/m ³	8.9	15.1	10.8	12.0	19.2	80
5	OZONE (O ₃)	CTL/SOP/AIR/08	µg/m ³	9.5	22.4	7.6	11.7	25.1	100
6	LEAD (Pb)	IS 5182 (Part 22)	µg/m ³	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	1
7	CARBON MONOXIDE (CO)	CTL/SOP/AIR/23	mg/m ³	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	BLQ(LOQ:1.15)	2
8	AMMONIA (NH ₃)	IS 5182 (Part 25)	µg/m ³	6.2	12.7	9.7	5.8	10.9	400
9	ARSENIC (As)	CTL/SOP/AIR/06	ng/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	6
10	NICKEL (Ni)	IS 5182 (Part 26)	ng/m ³	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	20
11	BENZENE (C ₆ H ₆)	IS 5182 (Part 11)	µg/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	5
12	BENZO(a)PYRENE	IS 5182 (Part 12)	ng/m ³	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	1



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CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date	CTL/CH/N-10677 to N-10681/2026-27 & 02.07.2026
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SL.NO	PARAMETERS	METHODS	UNITS	AAQ 16	AAQ 17	AAQ 18	AAQ 19	AAQ 20	NAAQS*
				SAMPLING DATE					
				19.06.2026 to 20.06.2026	20.06.2026 to 21.06.2026	20.06.2026 to 21.06.2026	19.06.2026 to 20.06.2026	19.06.2026 to 20.06.2026	
13	MERCURY	CTL/SOP/AIR/25	ng/m ³	-	-	BLQ(LOQ:1.0)	-	-	-

*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

S. No	Location Code	Location Name	Location Coordinates
1	AAQ 16	RASAPETTAI(NE)	11°41'2.539" North 79°46'15.087" East
2	AAQ 17	CHINNOOR(SE)	11°30'46.981" North 79°45'49.39" East
3	AAQ 18	THIYAGAVALLI(NE)	11°37'22.42" North 79°44'28.909" East
4	AAQ 19	KILLAI(SSE)	11°27'13.279" North 79°45'24.792" East
5	AAQ 20	VATHIYAPALLI(SE)	11°29'17.580" North 79°45'32.616" East

END OF REPORT


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