

CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date	CTL/CH/N-10691 to N-10692/2026-27 & 02.07.2026
Sample Number	N-10691 to 10692/26-27
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	Stack Emission
Sample Description	Stack Emission
Sampling Plan & Procedure	CTL/QSP/F-89 & IS 11255
Sample Quantity	1 No
Equipment used for Sampling	VSS1 Stack Sampler S.No -287-DTI-2020 Due Date:30.11.2026, Kane 988 S.No 090519403 Calibration Due Date:19.08.2026
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	METHOD	UNITS	RESULTS		LIMITS*
				SAMPLING DATE		
				24.06.2026	24.06.2026	
1	STACK ATTACHED TO	-	-	Chimney(Unit - 1)	Chimney(Unit - 2)	-
2	CAPACITY	-	MW	600	600	-
3	STACK HEIGHT	-	m	275	275	-
4	STACK TEMPERATURE	IS 11255 (PART 3)	K	403.0	401.0	-
5	STACK VELOCITY	IS 11255 (PART 3)	m/s	23.8	23.0	-
6	STACK GAS FLOW RATE	IS 11255 (PART 3)	Nm ³ /hr	2792708.3	2712296.2	-
7	DIAMETER OF STACK	-	m	7.5	7.5	-
8	FROM THE GROUND LEVEL PORTHOLE HEIGHT	-	m	103	103	-
9	DUCT AREA	-	m ²	44.15	44.15	-
10	OXIDES OF NITROGEN (NO _x)	IS 11255 (PART 7)	mg/Nm ³	263	301	150
11	SULPHUR DIOXIDE (SO ₂)	IS 11255 (PART 2)	mg/Nm ³	109	123	200
12	PARTICULATE MATTER(PM)	IS 11255 (PART 1)	mg/Nm ³	14.8	16.1	50
13	CARBON DIOXIDE (CO ₂)	CTL/301/STACK/010 (Flue Gas Analyser)	%	12.1	12.3	NA
14	CARBON MONOXIDE (CO)		mg/Nm ³	19	22	NA
15	OXYGEN (O ₂)		%	8.5	8.2	NA
16	TOTAL MERCURY (Hg)	EPA Method 29	mg/Nm ³	BLQ(LOQ:0.01)	BLQ(LOQ:0.01)	0.03

* MoEF & CC Notification Dated 19th October, 2020

Note: The Value of SO₂, Nox & PM Corrected to 6% Oxygen

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification; NA - Not Available

END OF REPORT

Verified by



For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

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