



CIN : U93000TN2000PTC043869

TEST REPORT

Test Report No & Date CTL/CH/N-36014/2024-25 & 04.01.2025
Sample Number N-36014/24-25
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 -288-DTI-2020 Due Date:05.12.2025,
Kane 905 S S.No 090519403 Calibration Due Date:02.02.2025

Analysis Completed on 04.01.2025

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	
				28.12.2024	
1	STACK ATTACHED TO	-	-	Chimney(Unit - 2)	-
2	CAPACITY	-	MW	600	-
3	STACK HEIGHT	-	m	275	-
4	STACK TEMPERATURE	IS 11255 (PART 3)	K	379.0	-
5	STACK VELOCITY	IS 11255 (PART 3)	m/s	21.5	-
6	STACK GAS FLOW RATE	IS 11255 (PART 3)	Nm ³ /hr	2682581.4	-
7	DIAMETER OF STACK	-	m	7.5	-
8	FROM THE GROUND LEVEL PORTHOLE HEIGHT	-	m	103	-
9	DUCT AREA	-	m ²	44.15	-
10	OXIDES OF NITROGEN (NOx)	IS 11255 (PART 7)	mg/Nm ³	167	450
11	SULPHUR DIOXIDE (SO ₂)	IS 11255 (PART 2)	mg/Nm ³	123	200
12	PARTICULATE MATTER(PM)	IS 11255 (PART 1)	mg/Nm ³	17.9	50
13	CARBON DIOXIDE (CO ₂)	CTL/SOP/STACK/010 (Flue Gas Analyser)	%	14.2	NA
14	CARBON MONOXIDE (CO)		mg/Nm ³	15	NA
15	OXYGEN (O ₂)		%	6.2	NA
16	TOTAL MERCURY (Hg)	EPA Method 29	mg/Nm ³	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

For Chennai Testing Laboratory Pvt Ltd

Verified by

G. MANIKANDAN
SENIOR MANAGER
(CHEMICAL)

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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

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