

# NAVASHVAR CALIBRATION SERVICES

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CC-3145

## NAVASHVAR

### CALIBRATION CERTIFICATE

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ULR Number: CC31452400001880F

**Customer Name and Address:**  
M/s. LAKSHMI DIAGNOSTIC CENTRE  
No: 56, Gandhi Road, Panruti,  
Cuddalore-607106.

**Certificate No** : CC-24/25-L-027/01  
**SRF No** : SRF-24/25-L-027  
**Date of Receipt** : 11/09/2024  
**Date of Calibration** : 11/09/2024  
**Due Date of Calibration** : 10/09/2025  
**Date of Issue** : 13/09/2024

#### Details of Unit Under Calibration

<b>Description</b> : Hygrometer	<b>Model</b> : HTC-1
<b>Make</b> : HTC-1	<b>Serial Number</b> : LDC-11
<b>Range</b> : -10 to 50°C / 10 to 99 %RH	<b>Condition of UUC</b> : Good
<b>Resolution</b> : 0.1°C / 1 %RH	<b>Calibrated At</b> : Lab
<b>Accuracy</b> : ±1°C / ±5%RH	
<b>Instrument Location</b> : NA	

#### Details of Reference Standard

Sl.No.	Description	ID.No/Sr.No	Certificate Number	Validity
1	Temperature Humidity Meter With Sensor	NCS/Thermal/RHT01	PICAL/0324/T/029	22/03/2025

Environmental Condition	Temperature (°C)	24.3	Reference Standard	---
	Humidity (%RH)	49	Calibration Procedure	NCS-L03-WI-THER-004
Calibrated By	S. Rajesh			

#### Calibration Results

##### Results of Calibration in Humidity %RH @ 25°C

Sl.No.	Standard Reading (Mean)	UUC Reading (Mean)	Error	Measurement Uncertainty (±)
1	15.23	19	3.77	1.4
2	40.36	43	2.64	1.4
3	70.65	74	3.35	1.4
4	90.07	95	4.93	1.4

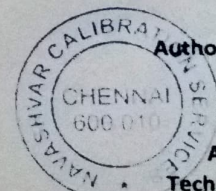
##### Results of Calibration in Temperature °C @50%RH

Sl.No.	Standard Reading (Mean)	UUC Reading (Mean)	Error	Measurement Uncertainty (±)
1	5.32	5.1	-0.22	0.3
2	25.75	25.4	-0.35	0.3
3	44.52	44.1	-0.42	0.3

**Remarks** : Pass (UUC Error is within the accuracy limit ±1°C/5%RH)

- Note:**
- The Standards used are traceable to National / International Standards.
  - This Certificate refers only to the item calibrated and shall not be reproduced in full without the written approval of the issuing laboratory.
  - This Certificate is not valid unless it is signed by the authorized signatory.
  - Next Calibration due date mentioned as per customer requirement.
  - The result is valid at the time of and under the stated conditions of measurement.
  - The measurement confidence level is 95.45% with coverage factor K=2.
  - UUC stands for Unit Under Calibration.
  - The decision rule will be applied based on the statement of conformity requested by the customer.
  - Mentioned accuracy is given by the customer.
  - Temperature Scale: ITS-90

Document Number: NCS-L04-R42  
Issue No. & Date: 01 & 19.08.2020



Authorized Signatory

A. Saranraj  
Technical Manager