



# ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



## CALIBRATION CERTIFICATE

Customer name And Address	M/S: Prevention Dignostic Centre Address -486. M. B Road, Nimta Bazar, Post - Nimta, Kolkata - 700049	Service request No. & date	P/03/04/01/24&04/01/2024
		ULR no.	CC22392400000177F
		Cert. No.	AT240000000177
		Date of Receipt of DUC	04/01/2024
		Date of calibration	04/01/2024
		Date of issue	05/01/2024
		Suggested due date	03/01/2025

### Instrument Details

Instrument name	Thermo Hygrometer	Location	-----
Make / Model No.	HTC-1	Accuracy	-----
Range / Size	-10 to 70 °C/10 to 99% RH	Visual Inspection	OK
Least Count	0.1 °C / 1 %RH	Calibration Performed at	Lab
I.D. No. / Sr. no.	TH-01 / ----		

### Detail of reference standards & Major equipments used

Equipment Name	Dig. Humidity Indicator With Sensor	SPRT With Indicator	
Make	Yudian / Rotronic	Tempsans & Fluke	
Model / SR No.	11F183060/20274168	PT-100X1 & 1586A / 05640	
Certificate No.	CC325723000001173F	CC350823000000098F	
Calibration Validity	30/10/2024	25/10/2024	
Calibration by	KL Technology	S.B International	

Environmental Condition	Temperature	(25± 4) °C	Calibration Reference	ITS:90 (1990)
	Relative Humidity	(50±20) %	Work Instruction	AT/WI-12TH

### Calibration Results

Serial No.	Standard Average Value in (°C)	Measured Average Value in (°C)	Standard Average Value in (%RH) At @25°C	Measured Average Value in (%RH) At @25°C	Uncertainty At 95% C.L. (coverage factor k=2)
01.	10.021	10.3	30.2	30	
02.	20.022	20.1	49.3	50	± 0.3°C
03.	30.030	30.2	67.8	69	
04.	50.042	49.8	79.5	81	±2%RH
05.	65.081	65.5	89.5	90	

### Remarks:

- ❖ (1) Standard equipment use for calibration are traceable to national/ international standards.
- ❖ (2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by coverage factor = 2 such that the coverage probability corresponds to approximately 95%. (3) The above results are valid at the time of and under the stated conditions measurement. (4) This certificate is refers only to the particular item submitted for calibration. (5) Next calibration due date given as requested by the customer.

Calibrated By  
(Calibration Engg./TM)  
(D.B SAXENA)  
Form No.- QF-47

Approved By  
(QM/TM)  
(NEERAJ TYAGI)  
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