



ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



CALIBRATION CERTIFICATE

Customer name And Address	M/S: Suman Hospital. Golaghat, Gomti Nagar, Sultanpur-228001.	Service request No. & date	A/03/20/02/24&20/02/2024
		ULR no.	CC223924000001045F
		Cert. No.	AT24000001045
		Date of Receipt of DUC	20/02/2024
		Date of calibration	20/02/2024
		Date of issue	21/02/2024
		Suggested due date	19/02/2025

Instrument Details

Instrument name	Digital Thermo Hygrometer	Location	-----
Make / Model No.	HTC-1	Accuracy	-----
Range / Size	-10 to 50 °C/10 to 99% RH	Visual Inspection	OK
Least Count	0.1 °C / 1 %RH	Calibration Performed at	Lab
I.D. No. / Sr. no.	SH/DTHM-01 /-----		

Detail of reference standards & Major equipment's used

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

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

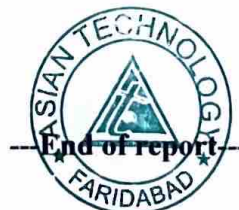
Calibration Results

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.	10.025	10.0	30.9	30	
02.	20.039	19.9	49.5	50	± 0.3°C
03.	28.991	29.2	69.4	70	
04.	38.989	40.2	79.9	80	± 2.0 %RH
05.	45.873	46.3	91.4	92	

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)
(NEERAJYAGI)
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