



# UNIQUE CALIBRATION & CONSULTANT SERVICES

AN ISO 9001:2015 CERTIFIED CALIBRATION LABORATORY



## CALIBRATION CERTIFICATE

Format No.: UCCS-QF-7.8.1		Certificate No.: UCCSCC20230908-001	ULR No.: CC328723000008381F		
Group: Temperature & Humidity			Discipline: Thermal		
Customer's Name & Address M/s. Sardar Vallabhbhai Patel District Govt. Hospital, satna Central Processing Lab, Jagatdev Talab Road, Pushpraj Colony, Satna, MP 485001		Page No.: 1 of 1	Calibration Performed: At Lab		
		Date of Receipt: 07-09-2023			
		Service Request No.: UCCSSRN20230907-002			
		Certificate Issue Date: 09-09-2023			
		Date of Calibration: 08-09-2023			
Next Due Date (Suggested by Customer): 07-09-2024					
Equipment Description (UUC) & Identification					
Name of the Instrument: Digital Thermo Hygrometer			Make: HTC-1		
			Model: -----		
Range: Up to 50 °C & Up to 90 %RH			Sr. No.: -----		
Least Count: 0.1 °C & 1 %RH			I.D. No.: DH SATNA/CPL/HM/05		
Condition of Instrument: Ok			Location: Lab		
Master Equipment Used					
Sr. No.	Instrument's Name	Range & I.D. No.	Calibration Agency	Calibration Certificate No.	Valid Up to
1	Dig. Temp. & Hum. Meter With Ext. Sensor	0 °C to 50 °C, 0 to 100 % RH & UCCS/CAL/030	Acumen Measurements & Consultancy Pvt. Ltd.	AMC/230207/01	03-08-2024
2	High Precision Thermometer with 4 Wire RTD Sensor	-100 °C to 600 °C & UCCS/CAL/021	Bansal Calibration Services	BCS/N/23030005-001	02-03-2024
Environmental Conditions			Calibration Procedure	Calibration Reference Standard	
Temperature: 25 ± 4 °C, Humidity: 50 ± 10 %RH			UCCS 03 SOP 024 & 028	-----	

### CALIBRATION RESULTS

Digital Temperature Indicator With Inbuilt Sensor					
Sr. No.	Set Value (°C) @ 50 %RH	UUC Value (°C)	Ref. Standard Value (°C)	Error (°C)	Expanded Uncertainty (± °C)
1	15	15.1	15.22	-0.12	0.5
2	25	25.1	25.28	-0.18	0.5
3	30	30.0	30.21	-0.21	0.5
4	45	45.2	45.47	-0.27	0.5

  

Sr. No.	Set Value (%RH) @ 25 °C	UUC Value (%RH)	Ref. Standard Value (%RH)	Error (%RH)	Expanded Uncertainty (± %RH)
1	30	30	30.4	-0.4	2.33
2	45	45	45.7	-0.7	2.33
3	60	60	60.9	-0.9	2.33
4	90	90	91.1	-1.1	2.33

\*\*\*End of Certificate\*\*\*

Calibrated By  
Amit Kumar

Calibration Engineer

Reviewed & Approved By  
L.M. Mahato  
Chief Executive Officer (CEO)

- Note: - 1. The calibration results reported in this certificate are valid at the time of and stated condition of measurement.  
2. This report is not to be reproducing wholly or in part and cannot be used as evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.  
3. Total liability of our Organization is limited to the invoiced amount.  
4. Calibration Certificate without signature are not valid.  
5. All our certificates are metrological traceable.  
6. The results relate only to the item calibrated.  
7. UUC: Unit Under Calibration.  
8. Expanded Uncertainty at 95 % confidence level with coverage factor k=2.  
9. Scan this QR code to download our NABL Accreditation Scope & Certificate.



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