



# NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058  
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Visit our Web Site : www.calibrationlaboratory.in



CC-2128

**TRUE COPY**

Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

## Calibration Certificate

F/CR/T/002/04 Issue No. 02

### Name of Customer

National Centre for Quality Calibration

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon - Ambli Road, Ambli, Ahmedabad - 380 058, Gujarat

### Certificate No.

NCQC-T/120324/001

### Date of Issue

12/03/2024

### Date of Calibration

12/03/2024

### Suggested Due Date

11/03/2025

Date of Receipt / Ref.No.: 12/03/2024

ULR No. : CC21282400001742F

Discipline : Thermal Calibration  
Temperature

### Details of Observation of Unit Under Calibration

Identification No. : NCQC/T-207

Serial No. : EF7186H00563

Name of Instrument : Temperature Data Logger with Sensor

Range -30 to 60 °C

Resolution 0.1 °C

Make / Model Elitech/RC-4HC

Location Laboratory

Visual Inspection

OK

Type / Size

Pt-100

Loc. of Calibration At Laboratory

Environment Cond. 25 ± 4 °C, 30 to 75 % Rh

Actual Env. Cond. 25.1 °C 51.0 %Rh

Std. Ref. Used

DKD-R-5-1, ASTM E220

Cali.Method No.

NCQC/CM/T/002

### Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
438	SSPRT with Super DAQ Precision Temp. scanner	SSPRT-Tempsens/S SPRT, Scanner-Fluke /1586-2586	SSPRT-NCQC/T-177 /001577, Scanner-NCQC/T-237/57175043	CC-2840	TL/023/1189.1.1	14/10/2024

### Calibration Results

Reading observed by UUC in °C	Reading observed by Master instrument in °C	Absolute Error in °C	Expanded Uncertainty in °C (k = 2)
10.0	10.021	0.021	± 0.08
20.1	20.032	0.068	± 0.08
22.1	22.053	0.047	± 0.08
25.2	25.073	0.127	± 0.08
30.2	30.057	0.143	± 0.08
40.2	40.089	0.111	± 0.08
50.2	50.053	0.147	± 0.08

Calibrated By

*Himanshu Parbadiya*  
Himanshu Parbadiya  
Calibration Engineer

Traceable To National / International Standards.

Reviewed & Approved By

*Vogel*  
Vogel  
CALIBRATION INCHARGE  
Calibration Incharge  
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NOV 2024

NCQC System Certificate No. 381

NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"



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CC-2128

Since 1998

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## Calibration Certificate

F/CR/T/002/04 Issue No. 02

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Discipline : Thermal Calibration  
Temperature

### Details of Observation of Unit Under Calibration

Identification No. : NCQC/T-207

Serial No. : EF7186H00563

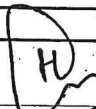
Name of Instrument : Temperature Data Logger with Sensor

### Remarks:

- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements
- Condition of instrument found satisfactory during receipt.
- These results are obtained at the time of calibration.
- Result relates to the item calibrated only.
- No external provider was used for calibration and hence it is not applicable.
- Calibration certificate shall not be reproduced except in full without written approval of Director, NCQC.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- Reference calibration standard DKD-R-5-1, ASTM E220-13, EURAMET cg-8.
- The uncertainties are for a confidence probability of not less than 95% with coverage factor  $k = 2$
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.
- Temperature Calibrator, Dry Block Calibrator & Dry Block Furnace were used as a source of generating temperature as well as controlling temperature at specified set point.

Traceable To National / International Standards.

Calibrated By

 Himanshu Parbadiya  
Calibration Engineer

Reviewed & Approved By

 Vishal Chauhan  
Calibration Incharge

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