



# EIE INSTRUMENTS PVT. LTD.

(NABL Accredited Laboratory as per ISO/IEC 17025)



## CALIBRATION CERTIFICATE

Certificate No.: -	EIE/T/21140	ULR - CC22222140000237F	Page No 1 of 2
SRF No & Job Card No.	Calibration Date	Recommended Calibration Due Date	Certificate Issue Date
EIE/21421 & 211090	19/03/2021	18/03/2022	19/03/2021

**Customer Name & Address** : NATIONAL CENTRE FOR QUALITY CALIBRATION  
4, ABHISHREE CORPORATE PARK, NEAR SWAGAT BUNGALOW BRTS,  
ISKCON-AMBLI ROAD, AMBLI, AHMEDABAD, GUJARAT - 380006

**Instrument Received on** : 19/03/2021

### Details of Unit Under Calibration

**Name of Instrument** : Temperature Data Logger with Sensor  
**Make / Model** : Ellitech / RC-4HC **Serial No / Id No.** : EF7186H00563 / NCQC/T-207  
**Range** : -30 to 60 °C **Resolution** : 0.1 °C  
**Length / Dia of Sensor** : 50 mm / 3.5 mm **Immersion Depth** : 50 mm  
**Calibration Point** : 10 °C, 20 °C, 22 °C, 25 °C, 30 °C, 40 °C

**Condition on Receipt** : Good  
**Calibration Location** : Thermal Calibration Laboratory  
**Reference Work Instruction Number** : EIE/W/T/002  
**Environmental Conditions** : Temperature - (25 ± 3) °C  
Humidity - (40 to 60) %RH

### Standard Used:

Nomenclature	Range	Make / ID No	Uncertainty	Certificate No.	Calibration Due Date	Traceable By
Digital Thermometer Read out	0 to 400 Ω	Fluke / EIE/CAL/DTR/01	± 0.0020 Ω @ 400 Ω	ARAI/CAL/2101/3263	02/02/2022	ARAI, Pune
PRT Sensor	-200 to 670 °C	Fluke / EIE/CAL/PRT/01	± 0.010 °C @ 660.323 °C	NE/G-0268/0862/2020	20/06/2021	EQDC, Gandhinagar

The Standards used are traceable to National / International Standards.

NCQC System Certificate No. 381

NCQC  
Valid up to 18-03-2022  
Reviewed

Calibrated By

*Chandrapati*  
Chandravali Ponkiya  
Calibration Engineer



Approved By  
*R. R. Parikh*  
Ravi Parikh  
Quality Manager

EIE/F/LAB/022.04 Issue Date 01/12/2020

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,  
Near Gujarat College, Ellisbridge,  
Ahmedabad-380 006.  
Phone: (079) 6621 1234  
Website: www.eieinstruments.com

Calibration Laboratory:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,  
Singarva-Kathwada Road,  
Kathwada, Ahmedabad-382 430.  
Phone: (079) 6604 0660 • Fax: (079) 6604 0600  
E-mail: info@eieinstruments.com

GST TIN No.: 24AABCE4018L1ZU  
I.T. PAN No.: AABCE4018L  
IEC No.: 0813026598 Dt. 04/03/2014  
CIN No.: U29199GJ2004PTC045078



# EIE INSTRUMENTS PVT. LTD.

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CC-2222

## CALIBRATION CERTIFICATE

Certificate No.: -	EIE/T/21140	ULR - CC222221400000237F	Page No 2 of 2
SRF No & Job Card No.	Calibration Date	Recommended Calibration Due Date	Certificate Issue Date
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### Calibration Observation Table: (Thermal Calibration)

Sr. No.	Calibration Point	Reading on Standard*	Reading Observed on UUC*	Error	± Expanded Uncertainty
	°C	°C	°C	°C	°C
1	10	10.066	10.0	-0.066	0.09
2	20	20.101	20.0	-0.101	0.09
3	22	22.127	22.0	-0.127	0.09
4	25	25.149	25.0	-0.149	0.09
5	30	30.168	30.0	-0.168	0.09
6	40	40.192	40.0	-0.192	0.09

### Remarks:

- (\*) Indicates average of five readings.
- Recommended due date is given based on customer requirements.
- Calibration points Mentioned as per the requisition of Customer.
- Calibration is performed as per Temperature Scale ITS-90.**
- The calibration results reported in this certificate are valid at the time of calibration
- The Reported measurement uncertainty is estimated at a level of confidence of approximately 95% at k=1.96
- The value has been rounded - off as per IS 2:1960 wherever applicable.
- UUC: Unit Under Calibration.

### Notes:

- This calibration certificate refers only to the particular item(S) submitted for calibration.
- This certificate shall not be re-produced, except in full without the prior permission from **EIE INSTRUMENTS PVT. LTD.**

Calibrated By

*C. Patel*

Chandravali Ponkiya  
Calibration Engineer



Approved By

*R. R. Parikh*

Ravi Parikh  
Quality Manager

EIE/F/LAB/022.04 Issue Date 01/12/2020

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