



EIE INSTRUMENTS PVT. LTD.

(NABL Accredited Laboratory as per ISO/IEC 17025)

TRUE COPY



CC-2222

CALIBRATION CERTIFICATE

Certificate No.:-	EIE/T/23367	ULR No:-	CC222223500000364F	Page No 1 of
SRF No:	Job Card No:	Calibration Date	Recommended Calibration Due Date	Certificate Issued Date
EIE/230393	231615	14/03/2023	13/03/2024	14/03/2023

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 : 14/03/2023

Details of Unit Under Calibration

Name of Instruments	: Temperature Data Logger with Sensor		
Indicator Make / Model	: Elitech / RC-4HC	Instrument Sr. No / ID. No.	: EF7186HO0563 / NCQC/T-20
Range	: -30 to 60 °C	Immersion Depth	: 50 mm
Resolution	: 0.1 °C	Calibration Point	: 10, 20, 22, 25, 30, 40 °C
Sensor Length / Dia.	: 50 mm / 3.5 mm	Location	: ---

Condition on Receipt : Good
Calibration Location : Thermal Calibration Lab
Reference Work Instruction Number : EIE/WI/002
Environmental condition : Temperature - (25 ± 3) °C
Humidity - (40 to 60) % RH

Standard Used :

Nomenclature	Range	Make / ID No:	Uncertainty	Certificate No:	Calibration Due Date	Traceable E
Digital Thermometer Read out (Chub E-4)	0 to 400 Ω	Fluke / EIE/CAL/DTR/01	±0.012 Ω @400 Ω	C&IJ/CAL/ 23-02/030	03/02/2024	C & I Rajasthan
Semi Standard Platinum Resistance Thermometer	-200 to 670 °C	Tempsons/ EIE/CAL/SSPRT/01	± 0.0198 °C @ 660.323 °C	M-220609-11-1	25/06/2023	Godrej, Mumbai

The Standards used are traceable to National / International standards

NCQC
Valid up to 13-03-2024
Reviewed *[Signature]*
Calibrated By

[Signature]
Bipin Goswami
Sr. Calibration Engineer



Approved By
[Signature]
Bhadresh Patel
Calibration Head

EIE/F/LAB/022.05 Issue Date 01/01/2022

NCQC System Certificate No. 381

Corporate Office:

A-1301, BVREK, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone: (079) 6621 1234

Calibration Laboratory:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,
Singarva-Kathwada Road,
Kathwada, Ahmedabad-382 450.
Phone: (079) 6604 0660 • Fax: (079) 6604 0660

GST TIN No. : 24AA8CE4018L1ZU
IT. PAN No. : AABCE4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U72900GJ2005PTC000001



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CALIBRATION CERTIFICATE

Certificate No.:-	EIE/T/23367	ULR No.:-	CC222223500000364F	Page No 2 of
SRF No:	Job Card No:	Calibration Date	Recommended Calibration Due Date	Certificate Iss 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	9.944	10.1	0.156	0.10
2	20	19.976	20.1	0.124	0.10
3	22	21.937	22.1	0.163	0.10
4	25	24.949	25.1	0.151	0.10
5	30	29.993	30.1	0.107	0.10
6	40	39.929	40.1	0.171	0.10

Remarks:

- (*) Indicates average of five readings.
- Recommended due date is given based on customer requirements.
- Calibration points Mentioned as per the Customer requirement
- 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

Bipin Goswami
Sr. Calibration Engineer



EIE/F/LAB/022.05 Issue Date 01/01/2022

Approved By

Bhadresh Patel
Calibration Head

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