



Transcal Technologies LLP

Measurement to Perfection...

100, West Park Road (Between Sampige and Margosa Road)
10th Cross, Malleshwaram, Bengaluru - 560 003



CC-2231

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s.

NCQC Laboratory LLP

4, Abhisree Corporate Park, Near Swagat Bungalow BRTS, Iskcon-Ambli Road,
Ahmedabad-380058

SRF No. : TSC/25-26/3194

Dated : 08 May 2025

Cert. Issued Date : 13 May 2025

ULR.NO CC223125000052897F

Calibration Certificate Number	Calibrated Date	Calibration Due Date	Page Number
TSC/25-26/3194-2	09 May 2025	08 May 2026	1 of 2

Details of device under calibration

Transcal ID

: TSC552858

Nomenclature	: PT 100x1, Simplex, 4 Wire RTD With Indicator
Make	: Tempens/Masibus
Model/Range	: TPRT-100/ UC-12
SI No.	: 21000415/18050184
ID No.	: NCQC/T-208/NCQC/E-21
Calibrated By	: Naveen Kumar S R, Sr. Calibration Engineer
Cal At	: Thermal Lab
DUC Condition on Receipt	: Satisfactory
DUC Received	: 08 May 2025
Cal Procedure No.	: TSC/CAL/503
No. of Pages	: 2

Environmental Conditions : Temperature in °C : 24.3

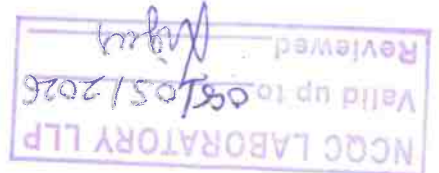
Humidity in RH % : 51

Standards used :

SI No.	Nomenclature	Make	Model	SI No./ID.No.	Certificate No.	Validity
1	PRT With Indicator	Fluke	5609/1524	01161 / 2024133	TL/025/500.1.1	07 May 2026

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal Technologies LLP.
3. Errors if any, in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC is traceable to National/International Standards.
6. Corrections/erasing invalidate the Calibration Certificate.
7. Unless otherwise specified the Measurement Data reported is 'As Found'-Without any adjustment.
8. The Decision Rule:
- Simple Conformity Decision: Decision without considering Measurement Uncertainty, "PASS" indicates measured value is within or on threshold of Tolerance limit/Accuracy. "FAIL" indicates measured value is beyond threshold of Tolerance limit/Accuracy. "--" indicates no tolerance limit/Accuracy furnished.



NCQC System Certificate No. 427



(Sr. Calibration Engineer)
Janani V

Reviewed & Authorised By



CAL CERT. NO : TSC/25-26/3194-2

U/LR.NO : CG223125000052897F

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Results :

Range : -196 to 400°C

Resolution : 0.01°C

Accuracy : Class A

Measurement of Temperature :-

Sl.No.	Std Reading (°C)	DUC Reading (°C)	Deviation Observed (°C)	Measurement Uncertainty in ± (°C)	Remarks
1	-196.359	-196.20	0.159	0.07	Pass
2	-80.126	-80.07	0.056	0.02	Pass
3	-20.065	-20.01	0.055	0.02	Pass
4	0.121	0.12	-0.001	0.02	Pass
5	50.078	50.27	0.192	0.02	Pass
6	100.102	100.32	0.218	0.08	Pass
7	200.098	200.34	0.242	0.08	Pass
8	300.125	300.45	0.325	0.08	Pass
9	400.206	400.58	0.374	0.08	Pass

Conclusion / Remarks :

¹ Accuracy mentioned as per customer request.

*** End of Certificate ***



Reviewed & Authorised By
Janani V
(Sr. Calibration Engineer)