



TransCal Technologies LLP

Measurement to Perfection...

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



CC-2231

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s.

NCQC Laboratry LLP.

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

SRF No. : TSC/24-25/10916

Dated : 17 Sep 2024

Cert. Issued Date :

20 Sep 2024

ULR.NQ CC223124000105818F

Calibration Certificate Number	Calibrated Date	Calibration Due Date	Page Number
TSC/24-25/10916-1	18 Sep 2024	17 Sep 2025	1 of 2

Details of device under calibration

Transcal ID

: TSC510159

Nomenclature : 4 Wire RTD With Indicator (PT100X1, Simplex)	No. of Pages : 2
Make : Tempens & Beamex	Cal Procedure No. : TSC/CAL/503
Model/Range : ---/MC2-MF	DUC Received : 17 Sep 2024
SI No. : 23000299 & 26758	DUC Condition on Receipt : Satisfactory
ID No. : NCQC/T-235 & NCQC/T-324	Cal At : Thermal Lab
Calibrated By : Naveen Kumar S R, Sr. Calibration Engineer	

Environmental Conditions : Temperature in °C : 25.3

Humidity in RH % : 52

Standards used :

SI No.	Nomenclature	Make	Model	SI No./ID.No.	Certificate No.	Validity
1	SPRT With Indicator	Fluke	5609/1524	01161 / 2024133	FL/C/TH/06042024-C008	18 Apr 2025

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.
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. 435

NCQC
Valid up to 17/09/2025
Reviewed *[Signature]*



Reviewed & Authorised By

[Signature]
Janghi V
(Sr. Calibration Engineer)



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CAL CERT. NO : TSC/24-25/10916-1

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Results :

Range : -196 to 400°C

Resolution : 0.01°C

Accuracy : Class A

Type : Pt 100

Measurement of Temperature:-

Sl.No.	Std Reading (°C)	DUC Reading (°C)	Deviation Observed (°C)	Measurement Uncertainty in ± (°C)	Remarks
1	-196.245	-196.58	-0.335	0.07	Pass
2	-80.251	-80.25	0.001	0.07	Pass
3	-25.302	-25.34	-0.038	0.02	Pass
4	0.321	0.42	0.099	0.02	Pass
5	50.312	50.36	0.048	0.02	Pass
6	100.415	100.42	0.005	0.02	Pass
7	150.632	150.65	0.018	0.08	Pass
8	200.269	200.36	0.091	0.08	Pass
9	250.341	250.45	0.109	0.08	Pass
10	300.256	300.45	0.194	0.08	Pass
11	399.745	399.89	0.145	0.08	Pass

Conclusion Remarks:

1 Accuracy mentioned as per customer request.

*** End of Certificate ***



Reviewed & Authorised By

Jayanthi V
(Sr. Calibration Engineer)