



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

TRUE COPY

Customer Name & Add. : M/s.

NCQC Laboratory LLP

4, Abhishree Corporate Park, Near Swagat Bungalows BRTS, Iskcon-Ambli Road,
Ambli, Ahmedabad-380058 Gujarat- India

SRF No. : TSC/24-25/17663

Dated : 06 Jan 2025

Cert. Issued Date : 08 Jan 2025

ULR.NO CC223125000001652F

Calibration Certificate Number	Calibrated Date	Calibration Due Date	Page Number
TSC/24-25/17663-1	07 Jan 2025	06 Jan 2026	1 of 2

Details of device under calibration

Transcal ID

: TSC467353

Nomenclature	: S Type Thermocouple with Multifunction Calibrator	No. of Pages	: 2
Make	: Tempsens / Beamex	Cal Procedure No.	: TSC/CAL/502
Model/Range	: MC2-TE	DUC Received	: 06 Jan 2025
SI No.	: 32896/16118	DUC Condition on Receipt	: Satisfactory
ID No.	: NCQC/T-17/NCQC/T-02	Cal At	: Thermal Lab
Calibrated By	: Naveen Kumar S R, Sr. Calibration Engineer		

Environmental Conditions : Temperature in °C : 25.6

Humidity in RH % : 52

Standards used :

SI No.	Nomenclature	Make	Model	SI No./ID.No.	Certificate No.	Validity
1	PRT With Indicator	Fluke	5609/1524	01161 / 2024133	FL/C/TH/06042024-C008	18 Apr 2025
2	S Type Thermocouple with Indicator	Fluke	5650-20/1524	9813 / 2024133	TL/024/1264.1.1	28 Nov 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 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. 280

NCQC LABORATORY LLP
Valid up to 06-03-2026
Reviewed: *Nages*



Reviewed & Authorised By

Signature



CAL CERT. NO : TSC/24-25/17663-1

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Results :

Range : 250 to 1500°C

Resolution : 0.01°C

Accuracy : $\pm 0.6^\circ\text{C}$ or $\pm 0.1\%$ (Whichever is greater)

Measurement of Temperature

Sl. No.	Std Reading (°C)	DUC Reading (°C)	Deviation Observed (°C)	Measurement Uncertainty in $\pm$ (°C)	Remarks
1	400.478	400.63	0.152	0.24	Pass
2	600.798	600.98	0.182	0.24	Pass
3	800.85	801.11	0.26	1.50	Pass
4	1000.25	1000.55	0.30	1.50	Pass
5	1199.74	1200.38	0.64	1.50	Pass

Conclusion / Remarks :

1 Calibration points are selected as per customer request.

2 Accuracy mentioned as per customer request

*** End of Certificate ***



Reviewed & Authorised By


Jyoti V
(Sr. Calibration Engineer)