



CC-2294

**Nishitronics
Instrumentation***We work for Customers Satisfaction*

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CALIBRATION CERTIFICATE

Customer : CHAVANKE ENGINEERING PVT. LTD.	ULR No. : CC229425000005734F
	Discipline : Thermal
	Certificate No. : NI2025/09/0043
110/2, Gangamai Industrial Complex, MIDC Ambad, Nashik - 422010, Maharashtra	Date of Issue : 16/09/2025
	Date of Receipt : 05/09/2025
	Date of Calibration : 15/09/2025
Env.Conditions Temp.25±4°C, 60 ±15% RH	Cal.Req.No. : 25/09/19/1
Location of Calibration : At Lab	Next Due Date : 14/09/2026
Characteristic and Condition of Item : SATISFACTORY	Sub Grp. / Parameter : Temperature
	Calibration Method No. : NI / CP / T / 01

Details of Items :

Name : 4 wire RTD PT-100 Temp.sensor with Indicator	Range : -38 to 400 °C
ID No. : T/H-07	L.C. : 0.001 °C
Sr.No. : HH/PT092K22/372 / MR000000005	Accuracy : Class A
Make : Tempsens/Yudian	Location :
Model : PT100X1/AI-5600	
Type : PT-100	

Master Instruments Detail

Nomenclature	Serial No.	Id.No.	Valid Upto	Calibrated At./ CC NO.
SSPRT WITH INDICATOR	01294 / 33290042	NI/SSPRT/01	16/06/2027	GODREJ & BOYCE M-250606-30-2
SS PRT WITH INDICATOR	331134-29/332900 42	NI/SSPRT/02	16/06/2027	GODREJ & BOYCE M-250606-30-1
DAQ (Read out)	33290042	NI/DAQ/01	04/08/2026	NISHITRONICS INSTRUMENTATION CC-2294

Observation**Calibration Results**

Calibration Point °C	Standard Reading °C	Standard Reading (Ω)	UUC Reading °C	Error °C	Expanded Uncertainty(±°C) (K=2)
-38	-38.023	84.684	-37.975	0.048	0.040
-10	-10.011	95.928	-10.032	-0.021	0.040
0	0.007	99.926	0.030	0.023	0.030
50	50.012	119.406	49.992	-0.020	0.030
100	100.018	138.513	99.984	-0.034	0.030
200	199.993	175.845	200.137	0.144	0.060
300	299.988	212.042	300.145	0.157	0.060
400	399.984	247.104	400.160	0.176	0.060

Calibrated By

P.B.Desai

Technical Assistant



Reviewed & Authorized By

Digitally signed by Vijay Hingmire
Date: 2025.09.16 13:22:46 +05:30
Reason: Calibration Certificate
Location: Pune

Certificate No. : NI2025/09/0043

ULR No. : CC229425000005734F

The reported measurement uncertainty is estimated at a level of confidence of approximately 95 % with a coverage factor $k = 2$.

Remarks :

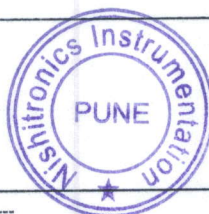
- 1) Result are related only to the item calibrated.
- 2) This certificate refers only to the particular items submitted for calibration.
- 3) This certificate shall not be reproduced except in full without our prior permission in writing.
- 4) The calibration results reported in this particular certificate are valid at the time of an under stated condition of measurement.
- 5) Standard used for calibration were traceable to National / International standard.
- 6) Readings given above are as on received condition of an instrument.
- 7) Above calibration done is meant for scientific & industrial purpose only.
- 8) Temperature Scale - ITS 90.
- 9) Immersion Depth of UUC was 150 mm.
- 11) Calibration Points as suggested by Customer.

Calibrated By



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Technical Assistant



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---- END OF CERTIFICATE ----