

**Customer's Name & Address**

M/S: Chavanke Engineering Pvt. Ltd.
110/2, Ganganami Ind. Complex
M.I.D.C, Ambad, Nashik-422010

Certificate No & ULR No

CC423625000000168F

SRF No. & Date

AFSS/25/100 & 22/09/2025

Date of receipt of item

22/09/2025

Issue Date

24/09/2025

Date of calibration

23/09/2025

Sugg. Due date

22/09/2026

(As per customer request)

Unit Under Calibration	S-Type Thermocouple with Indicator		
Make	Indi.: Yudian	Instrument Id. No.	N/A
Model No.	Indi.: AI-5600	Serial No	Sen.: MTCS092K221373 Indi.: HHPT092K221372
Range	400 °C to 1200°C	Visual Inspection	OK
Least Count	0.1°C	Location	Thermal Lab
Ambient Temp.	(25 ± 4) °C	Relative Humidity	(50± 10) % RH
Calibration done at	Lab	Calibration Method	AFSS/WI(TH)/04

CALIBRATION RESULTS

Sr. No	Calibration Point	Standard Reading In °C	UUC Reading in °C	Error in °C	Uncertainty of Measurement ± (°C)
1	400	399.9869	399.7	-0.2869	0.09
2	500	499.9798	499.4	-0.5798	0.09
3	600	599.9668	599.2	-0.7668	0.09
4	800	800.6718	799.7	-0.9718	1.1
5	1000	1000.836	999.9	-0.936	1.1
6	1200	1201.406	1200.2	-1.206	1.3

STANDARD USED FOR CALIBRATION

Standards	Make	Serial No.	Certificate No	Next Due Date	Traceability
SPRT Sensor With Indicator	Fluke	95459	FL/C/TH/14022025-C012	24/02/2026	Fare Lab
S Thermocouple with Digital thermometer	Tempsens	26012201	FL/C/TH/21102024-C019	26/10/2025	Fare Lab

REMARKS:

(The reported uncertainty is at coverage factor k=2, which correspond to coverage probability of approximately 95.45% for a normal distribution).

Notes:

- 1) The measurement results and statement of compliance with specifications only relate to the instruments/items/parameter calibrated.
- 2) This certificate shall not be reproduced, except in full, without the written permission of the laboratory.
- 3) The above results are valid at the time of and under the stated conditions of measurements.
- 4) The traceability used in calibration is traceable to national / international standards.
- 5) Temp. Scale : International Temperature Scale, 1990(ITS-90)
- 6.) Sensor Accuracy: 0.2%

Calibrated By:-

Tanvir Aalam
(Calibration Engineer)
(Tanvir Aalam)

Approved By:-

Shah Alam / Sapna Bansal
(Tech. Manager/Quality Manager)
(Shah Alam / Sapna Bansal)

Page no. 1 of 1

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