

TECHNOCAL

ACCREDITATION FOR MECHANICAL, THERMAL & ELECTRO - TECHNICAL CALIBRATION LABORATORY



CC-2550

CALIBRATION CERTIFICATE

DISCIPLINE - THERMAL

1. CLIENT'S ADDRESS :- SRL Dr Avinash Phadke Pvt. Ltd Ground floor, Sumati, Behind Saraswat Co-op Bank Mulund-west, Mumbai-400080	CRF No.	- CAL-2203-015
	Page No.	- 1 of 1
Environmental Condition Ambient Temp :- 27.2 °C Relative Humidity :- 52 %RH Location of calibration :- At Lab Condition of Item :- OK	ULR No	- CC255022000000755F
	Certificate No.	- SRL-CAL/2203-15-005
	Date of Received / Mode	- 25/03/2022 / By Hand
	Reference Challen no	- Letter
	Date of Calibration	- 25/03/2022
2. Description of Item (UUC) Name :- Thermometer Id No :- Muld-19 Make & Model :- Aceteq & ST-9283B Type :- Digital Accuracy :- ± 2 °C	Date of issue certificate	- 29/03/2022
	Next Calibration Due On	- 24/03/2023
	Calibration method No.	- TECH-TH-WI-03

3. Detail of Equipment used for calibration Name :- RTD Sensor With DMM Make :- Gwinstek & Tempens Certificate No. :- C21111499/T/01 Certified By :- Aautocal Solutions PVT. LTD. ID/Sr. No. :- TECH/MMTS-001 Calibration Validity :- 07/11/2022	Range	- -50 to 300 °C
	L.C.	- 0.1 °C
	Location	- Lab

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in \pm °C
-20	-20.012	-20.3	-0.288	1.03
5	5.056	5.3	0.244	1.03
37	37.125	37.5	0.375	1.03
100	100.135	100.5	0.365	1.04

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*The readings of temperature represents the mean of five readings.

- Note:
- The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$ which corresponds to a coverage probability of approximately 95% for normal distribution
 - This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration
 - This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Technocal, Mohopada".
 - The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement
 - Equipment Used for calibration are calibrated & traceable to national & International standard

Calibrated By
Name : Apoorva Dalvi

Approved By
Name : Santosh Sardar

Technical Manager

TF: 39, REV:00

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