

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	
		ULR No	:- CC255022000000754F	
		Certificate No.	:- SRL-CAL/2203-15-004	
		Date of Received / Mode	:- 25/03/2022 / By Hand	
Enviornmental Condition		Reference Challen no	:- Letter	
Ambient Temp.	:- 27.0 °C	Date of Calibration	:- 25/03/2022	
Relative Humidity	:- 56 %RH	Date of issue certificate	:- 29/03/2022	
Location of calibration	:- At Lab	Next Calibration Due On	:- 24/03/2023	
Condition of Item	:- OK	Calibration method No.	:- TECH-TH-WI-03	
2. Description of Item (UUC)				
Name	:- Thermometer	Range	:- -50 to 300 °C	
Id No	:- Muld-18	L.C.	:- 0.1 °C	
Make & Model	:- Aceleq & ST-9283B	Location	:- Lab	
Type	:- Digital			
Accuracy	:- ± 2 °C			
3.Detail of Equipment used for calibration				
Name	:- RTD Sensor With DMM			
Make	:- Gwinstek & Tempsens			
Certificate No.	:- C21111499/T/01			
Certified By	:- Aautocal Solutions PVT. LTD.			
ID/Sr. No.	:- TECH/MMTS-001			
Calibration Validity	:- 07/11/2022			
4. Calibration Results :-				
Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.086	-20.2	-0.114	1.03
5	5.123	5.2	0.077	1.03
37	37.056	37.3	0.244	1.03
100	100.113	100.3	0.187	1.04
* The readings of temperature represents the mean of five readings.				
Note:				
1) 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				
2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration				
3) 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".				
4) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement				
5) Equipment Used for calibration are calibrated & traceable to national & International standard				
Calibrated By		Approved By		
Calibration Engineer		Technical Manager		
Name : Apoorva Dalvi		Name Santosh Sardar		
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