

ACCURATE MEASUREMENT

An NABL Accredited Calibration Laboratory

We Calibrate, Repair, Supply & Service All kinds of Precision Instruments & Mechaneries



ULR No.: CC31152600005340F

CALIBRATION CERTIFICATE

Format no.-AM/QCD-08

Certificate No.	AM/SISPL/(Feb/26-283)/5340	SRF No.	Feb/26-283	Issue Date	06.03.2026
Calibration Date	20.02.2026	Recommended Calibration Due On	20.02.2027	Page No.	1 of 1

Issued to	M/S. SYNERGY INDUSTRIAL SERVICES PVT. LTD. Plot P1(F),Hospital Road WBIIDC Growth Centre, Kalyani-741235, West Bengal .India .
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Description and identification of the item to be calibrated:

Instrument Name	Digital Temperature Controller				
Working Range	0 to 400°C	Resolution	1 °C		
Make	Selec	Identification No.	2006A04-1228		
Sl. No.	2006A04-1228	Model	TC-513		
Location	Shed-I				
Applicate specification of the item to be calibrated: Accuracy/Permissible limit (±)	---				
Physical condition of item	ok	Item Receive Date	19.02.2026		

Traceability: Standards used for calibration are Traceable to National/International Standards through ISO/IEC 17025 Accredited Laboratory.

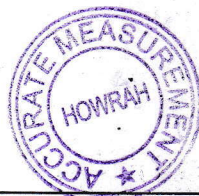
Instrument Name	ULR No	Range	I.D. No.	Valid up to	Calibration Agency
Universal Calibrator (RTD)	CC247825000023317F	As per Instrument	AM/RTDC-01	12-08-2026	Hi-Tech
Method of Calibration	AM/WI-01(E)	Place of Calibration	At Lab		
Reference Standard	EURAMET/cg-11/v.01				
Environmental Condition During Calibration	Temp. (°C)	25±4	RH (%)	30 to 75	

CALIBRATION RESULT

Sl. No.	Parameter	Working Range	Set Value on Standard (°C)	Average Value on *DUC (°C)	Measurement Error (°C)	Uncertainty Reported (At 95% C.L. with K=2.00) (±) (°C)
1	Type- PT100 (Source Mode)	0 to 400°C	100.0	100	0	1.38
2			120.0	119	-1	
3			150.0	149	-1	
4			180.0	178	-2	
5			200.0	198	-2	
Note:	*DUC	Device under Calibration	RH	Relative Humidity	C.L.	Confidence Level
ii)	Average of five reading taken in *DUC/STD.				K	Coverage factor



Calibrated By
Prasenjit Ghana
Lab Technician



Approved & Reviewed By
Mriganko Ganguly
Asst. Quality Manager

----- End of Certificate -----