



ACCURATE MEASUREMENT

An NABL Accredited Calibration Laboratory

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



CC-3115

ULR No. CC31152600005338F

CALIBRATION CERTIFICATE

Format No.: AM/QCD/08

Certificate No.	AM/SISPL/(Feb/26-283)/5338	SRF No.	Feb-26/283	Issue Date	06.03.2026
Calibration Date	Recommended Calibration Due On		Page No.		
20.02.2026	20.02.2027		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 .

Description and identification of the item to be calibrated:

Instrument Name	Infrared Thermometer		
Range/Capacity	(-)50 to 550°C	Resolution	0.1°C
Make	Workzone	Identification No.	H21121201
SI No.	H21121201	Model	MT-5A
Location	Shed-II		
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	Sr. No.	Valid up to	Calibration Agency
Infrared Thermometer	CC273325300004319F	(-) 50 to 550°C	KB:2709510	15-05-2026	BELZ
Method of Calibration	AM/WI-31	Place of Calibration	At laboratory		
Reference Standard	DKD-R-5-1				
Environmental Condition During Calibration	Temp. (°C)	25±4	RH (%)	30 to 70	

CALIBRATION RESULT

Sl. No.	Set Temperature (°C)	Observed Average Value on *DUC (°C)	Observed Average Value on STD (°C)	Measurement Error (°C)	Uncertainty Reported (At 95% C.L. with K= 2.00) (±) (°C)
1	50	49.5	49.7	-0.2	5.80
2	100	99.5	99.9	-0.4	5.80
3	200	199.4	199.9	-0.5	5.80
4	350	349.1	349.7	-0.6	5.80
5	500	499.2	499.8	-0.6	5.80
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 -----