



ACCURATE MEASUREMENT

An NABL Accredited Calibration Laboratory

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



ULR No CC31152600005342F

CALIBRATION CERTIFICATE

Format No.: AM/QCD/08

| | | | | | |
|------------------|--------------------------------|---------|------------|------------|------------|
| Certificate No. | AM/SISPL/(Feb/26-283)/5342 | 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 | Temp. Sensor (RTD) | | | | |
| Range/Capacity | As Per Result | Resolution | As Per Result | | |
| Make | ---- | Identification No. | SISPL/RTD-02 | | |
| Location | Shed-I | Type | PT 100 | | |
| 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

Accrediated Laboratory.

| Instrument Name | ULR No | Range | Sl. No. | Valid up to | Calibration Agency |
|-------------------------------------|--------------------|-----------------|-----------|-------------|--------------------|
| Digital Thermometer with RTD Sensor | CC273326600000304F | (-) 35 to 350°C | 21C203992 | 08-01-2027 | BELZ |

| | | | | | |
|--|------------|----------------------|------------|----------|--|
| Method of Calibration | AM/WI-31 | Place of Calibration | At our Lab | | |
| 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 | 100 | 100 | 100.019 | -0.019 | 0.58 |
| 2 | 120 | 119 | 119.040 | -0.040 | 0.58 |
| 3 | 130 | 129 | 129.068 | -0.068 | 0.58 |
| 4 | 150 | 151 | 151.089 | -0.089 | 0.58 |
| 5 | 180 | 181 | 181.111 | -0.111 | 0.58 |
| 6 | 200 | 202 | 202.134 | -0.134 | 0.58 |

| | | | | | | | |
|-------|--|--------------------------|----|-------------------|------|------------------|--|
| 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 -----