

Certificate of Calibration



Illiana Instrumentation Service LLC
1831 Govert Drive
Scherverville, IN 46375



Cert #: 8604 Rev. 2 Item # 1706 Certificate Date: 3/19/2023

CUSTOMER

ILLIANA INSTRUMENTATION SERVICE LLC
1831 GOVERT DRIVE
SCHERERVILLE, IN 46375

Purchase Order:

EQUIPMENT INFORMATION

Item # 1706 Calibration Result: PASS
Manufacturer OMEGA ENGINEERING
Model Number RTD-809
Serial Number 1706
Equip. Location LAB
Description RTD

CALIBRATION INFORMATION

Date received: 3/19/2023 Cal Date: 3/19/2023 Cal. Interval 24 MONTHS Cal. Due Date: 3/19/2025
Technician: PAUL GROLLA Temperature: 70 F Humidity 33 Cal location LAB
Tag

Department:

Notes:

Problems: None

Adjustments None

Equipment Notes

Sensitivity OKAY

Initial modification offset 0

Final modification offset 0

Note: If the modification offset is not zero, readings reflect zero.

Limitations NONE

Accuracy +/- .5 DEG F.

Quality and traceability statements

This certifies that the above equipment was calibrated using appropriate Illiana Instrumentation technical procedures. At planned intervals, Illiana Instrumentation standards are calibrated by comparison to or measurement against standards which are traceable to the SI units through the NIST or other recognized national measurement institutes or international standard bodies. The results in this report relate only to the item(s) calibrated. If so indicated above, detailed calibration results are attached to this certificate. These results are part of this certificate and this certificate shall not be reproduced except in full, without the written approval of Illiana Instrumentation. Any number of factors not under the control of the calibration laboratory may cause the calibration of the above item(s) to drift before the recommended recalibration date. Supporting documentation relative to traceability and technical procedures used is on file and is available for examination upon request and approval of our quality assurance manager. The above uncertainties represent an expanded uncertainty expressed at approximately 95% confidence level using a coverage factor of k=2. The certificate date on this report constitutes the issue date. Pass/Fail criteria does not take into account measurement uncertainty.

Calibrated By:

Paul Grolla

Approved By:

Laura Grolla

Customer Approval _____



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Calibration Data

Values found OOT and adjusted are indicated by "A" and items left OOT are indicated by "F"

| Group | Description | Nominal | Lower Tol. | Upper Tol. | As Found | As Left | Units | Uncert. | OOT |
|-------|-------------|---------|------------|------------|----------|---------|-------|---------|-----|
| | RTD | 15.00 | 14.50 | 15.50 | 15.235 | 15.235 | °F | 0.1 | |
| | RTD | 60.00 | 59.50 | 60.50 | 60.409 | 60.409 | °F | 0.1 | |
| | RTD | 90.00 | 89.50 | 90.50 | 90.425 | 90.425 | °F | 0.1 | |
| | RTD | 100.00 | 99.50 | 100.50 | 100.460 | 100.460 | °F | 0.1 | |

Standards Used

| I.D. | Model | Description | Manufacturer | Serial No. |
|------|-----------|------------------------|-----------------------|------------|
| 1225 | 5626-15-S | SECONDARY STANDARD PRT | HART SCIENTIFIC/FLUKE | 0411 |
| 1429 | 2562 | PRT SCANNER MODULE | HART SCIENTIFIC/FLUKE | A88930 |

Procedures Used

| Name | Description |
|--------|------------------------------------|
| WI-514 | CALIBRATING THERMOCOUPLES OR RTD'S |