

ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 illianaservice.com

CERTIFICATE OF CALIBRATION

Illiana Instrumentation
1831 Govert Drive
Schererville, IN 46375-

Date received: 12/30/20
Calibration date: 12/30/20
Recalibration due: 12/31/22

Purchase order:
Location of calibration: Lab

| | |
|-------------------------------|---|
| Item number: 1432 | Item location: Lab |
| Tag number: | Temp: 72.0° F. Humidity: 34 Sensitivity: OK |
| Manufacturer: Princo | Condition as found: In tolerance |
| Model num: ASTM 17F | Condition as left: In tolerance |
| Description: 1432 Thermometer | Intentional offset as found: 0.0000 |
| Serial number: 704472 | Intentional offset as left: 0.0000 |
| Accuracy: +/- 1 Deg. F. | Limitations: None |
| Item notes: | |

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 laboratory may cause the calibration of the above item to drift before the recommended recalibration date. Supporting documentation relative to traceability and technical procedures used is on file and is available for review upon request and approval of our Quality Manager. The uncertainties represent an expanded uncertainty expressed at @95% confidence level using a coverage factor of k=2. The date this report is signed constitutes the issue date. Pass/Fail criteria does not take into account measurement uncertainty.

Tech: Paul D Grolla Date: 12/30/20 Approved by: Laura Grolla Date: 12/30/20
Paul D Grolla - ISA Certified Controls Systems Tech. Laura Grolla - Deputy Quality Manager

| Cal Point | Init Read | Final Read | Upper Tol | Lower Tol | Eng Units | Cal point description | Pass? |
|-----------|-----------|------------|-----------|-----------|-----------|-----------------------|-------|
| 75.0000 | 75.1000 | 75.1000 | 76.0000 | 74.0000 | Deg. F. | | Yes |

Standard(s): 1429 Hart Scanner, 1225 Hart PRT

Adjustments:

Problems:

Uncertainty: 0.1800 Deg. F.

Procedure: WI-502

| Cal Point | Init Read | Final Read | Upper Tol | Lower Tol | Eng Units | Cal point description | Pass? |
|-----------|-----------|------------|-----------|-----------|-----------|-----------------------|-------|
| 77.0000 | 77.1000 | 77.1000 | 78.0000 | 76.0000 | Deg. F. | | Yes |

Standard(s): 1429 Hart Scanner, 1225 Hart PRT

Adjustments:

Problems:

Uncertainty: 0.1800 Deg. F.

Procedure: WI-502

| Cal Point | Init Read | Final Read | Upper Tol | Lower Tol | Eng Units | Cal point description | Pass? |
|-----------|-----------|------------|-----------|-----------|-----------|-----------------------|-------|
| 79.0000 | 79.1500 | 79.1500 | 80.0000 | 78.0000 | Deg. F. | | Yes |

Standard(s): 1429 Hart Scanner, 1225 Hart PRT

Adjustments:

Problems:

Uncertainty: 0.1800 Deg. F.

Procedure: WI-502

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01432-5468: 1

