

# ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 [illianaservice.com](http://illianaservice.com)

## CERTIFICATE OF CALIBRATION

Illiana Instrumentation  
1831 Govert Drive  
Schererville, IN 46375-

Date received: 03/10/21  
Calibration date: 03/10/21  
Recalibration due: 03/31/23

Purchase order:  
Location of calibration: Lab

Item number: 1706 Tag number: Manufacturer: Omega Engineering, Inc. Model num: RTD-809 Description: RTD Serial number: 1706 Accuracy: +/- 0.5 Item notes:	Item location: Lab Temp: 72.0° F. Humidity: 35 Sensitivity: OK Condition as found: In tolerance Condition as left: In tolerance Intentional offset as found: 0.0000 Intentional offset as left: 0.0000 Limitations:
--	---

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: 03/10/21 Approved by: Laura Grolla Date: 03/10/21  
 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?
15.0000	14.7000	14.7000	15.5000	14.5000	Deg C.		Yes

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

Adjustments:

Problems:

Uncertainty: 0.0600 Deg C.

Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
60.0000	60.1400	60.1400	60.5000	55.5000	Deg C.		Yes

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

Adjustments:

Problems:

Uncertainty: 0.0600 Deg C.

Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
90.0000	90.3100	90.3100	90.5000	89.5000	Deg C.		Yes

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

Adjustments:

Problems:

Uncertainty: 0.0600 Deg C.

Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	100.3500	100.3500	100.5000	99.5000	Deg C.		Yes

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

Adjustments:

Problems:

Uncertainty: 0.0600 Deg C.

Procedure: WI-515



# ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 [illianaservice.com](http://illianaservice.com)

## CERTIFICATE OF CALIBRATION

Customer approval: \_\_\_\_\_ Date: \_\_\_\_\_

Total pages for Certificate 999999-01706-5486: 2

# 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: 03/10/21 Calibration date: 03/10/21 Recalibration due: 03/31/23
Purchase order: Location of calibration: Lab	

Item number: 1706 Tag number: Manufacturer: Omega Engineering, Inc. Model num: RTD-809 Description: RTD Serial number: 1706 Accuracy: +/- 0.5 Item notes: Amended to correct tolerance and eng. units	Item location: Lab Temp: 72.0° F. Humidity: 35 Sensitivity: OK Condition as found: In tolerance Condition as left: In tolerance Intentional offset as found: 0.0000 Intentional offset as left: 0.0000 Limitations:
--	---

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: 03/10/21 Approved by: Laura Grolla Date: 03/10/21  
 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?
15.0000	14.7000	14.7000	15.5000	14.5000	Deg C.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner  
 Adjustments:  
 Problems:  
 Uncertainty: 0.0600 Deg C. Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
60.0000	60.1400	60.1400	60.5000	55.5000	Deg C.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner  
 Adjustments:  
 Problems:  
 Uncertainty: 0.0600 Deg C. Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
90.0000	90.0000	90.3100	90.5000	89.5000	Deg C.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner  
 Adjustments:  
 Problems:  
 Uncertainty: 0.0600 Deg C. Procedure: WI-515

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	100.3500	100.3500	100.5000	99.5000	Deg C.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner  
 Adjustments:  
 Problems:  
 Uncertainty: 0.0600 Deg C. Procedure: WI-515



# ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 [illianaservice.com](http://illianaservice.com)

## CERTIFICATE OF CALIBRATION

Customer approval: \_\_\_\_\_ Date: \_\_\_\_\_

Total pages for Certificate 999999-01706-5487: 2