

# 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: 10/31/17  
Calibration date: 10/31/17  
Recalibration due: 10/31/18

Purchase order:  
Location of calibration: Lab

Item number: 1245  
Tag number:  
Manufacturer: Ametek  
Model num: 250SE  
Description: 1245 Ametek  
Serial number: 010115-01093  
Accuracy: +/- .9 Deg C  
Item notes:

Item location: Lab/Mobile  
Temp: 72.0° F. Humidity: 40 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: None

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 review 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.

Tech: Paul D Grolla Date: 10/31/17 Approved by: Laura Grolla Date: 10/31/17  
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?
50.0000	50.7400	50.7400	50.9000	49.1000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.1200 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	100.4700	100.4700	100.9000	99.1000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.1200 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
150.0000	150.2000	150.2000	150.9000	149.1000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.1200 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
200.0000	200.1600	200.1600	200.9000	199.1000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.1200 Deg C

Procedure: WI-516



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
250.0000	249.9900	249.9900	250.9000	249.1000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.1200 Deg C

Procedure: WI-516

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

Total pages for Certificate 999999-01245-5423: 2

