

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: 10/30/18
Calibration date: 10/30/18
Recalibration due: 10/31/19

Purchase order:
Location of calibration: Lab

Item number: 1203 Tag number: Manufacturer: Jofra Instruments-Ametek Model num: 650 SE Description: 1203 Jofra 920316 Serial number: 920316 Accuracy: +/- 2.7 Deg F Item notes:	Item location: Mobile Temp: 74.0° F. Humidity: 31 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
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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: 10/30/18 Approved by: Laura Grolla Date: 10/30/18
 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?
122.0000	120.0000	120.5000	124.7000	119.3000	Deg F.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner
 Adjustments: Pot S 1/2 CCW (span)
 Problems:
 Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
212.0000	211.6000	212.0000	214.7000	209.3000	Deg F.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner
 Adjustments: Pot S 1/2 CCW (span)
 Problems:
 Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
392.0000	393.2000	393.9000	394.7000	389.3000	Deg F.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner
 Adjustments: Pot S 1/2 CCW (span)
 Problems:
 Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
572.0000	572.0000	574.5000	574.7000	569.3000	Deg F.		Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner
 Adjustments: Pot S 1/2 CCW (span)
 Problems:
 Uncertainty: 0.3700 Deg F.

Procedure: WI-516



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
752.0000	751.7000	754.1000	754.7000	749.3000	Deg F.		Yes

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

Adjustments: Pot S 1/2 CCW (span)

Problems:

Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
932.0000	930.6000	932.8000	934.7000	929.3000	Deg F.		Yes

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

Adjustments: Pot S 1/2 CCW (span)

Problems:

Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1112.0000	1109.3000	1109.5000	1114.7000	1109.3000	Deg F.		Yes

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

Adjustments: Pot S 1/2 CCW (span)

Problems:

Uncertainty: 0.3700 Deg F.

Procedure: WI-516

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01203-5433: 2