

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: 10/31/16
Calibration date: 10/31/16

Purchase order:
Location of calibration: Lab

Item number: 1203	Item location: Mobile
Tag number:	Temp: 77.0° F. Humidity: 40 Sensitivity: OK
Manufacturer: Jofra Instruments-Ametek	Condition as found: In Tolerance
Model num: 650 SE	Condition as left: In Tolerance
Description: 1203 Jofra 920316	Intentional offset as found: 0.0000
Serial number: 920316	Intentional offset as left: 0.0000
Accuracy: +/- 1.5 Deg C	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 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: 10/31/16 Approved by: Laura Grolla Date: 10/31/16
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	49.4000	49.4000	51.5000	48.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	99.6000	99.6000	101.5000	98.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
200.0000	200.9000	200.9000	201.5000	198.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
300.0000	301.1000	301.1000	301.5000	298.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 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?
400.0000	400.5000	400.5000	401.5000	398.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
500.0000	500.3000	500.3000	501.5000	498.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
600.0000	599.8000	599.8000	601.5000	598.5000	Deg C		Yes

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

Adjustments:

Problems:

Uncertainty: 0.2100 Deg C

Procedure: WI-516

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01203-5406: 2

