

ILLIANA INSTRUMENTATION

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

CERTIFICATE OF CALIBRATION

Illiana Instrumentation 1831 Govert Drive Schererville, IN 46375-	Purchase order: Location of calibration: Lab	Date received: 03/23/19 Calibration date: 03/23/19 Recalibration due: 06/23/19
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Item number: 1388 Tag number: Manufacturer: Fluke Model num: 53 II Description: 1388 Thermometer Serial number: 93930043 Accuracy: Fluke Manual/AMS 2750E Item notes: Adjusted offset from 0 to .4 on N range	Item location: Mobile Temp: 71.0° F. Humidity: 32 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: 03/23/19 Approved by: Laura Grolla Date: 03/23/19
 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?
32.0000	32.0000	32.0000	32.5000	31.5000	Deg F.	Type K	Yes

Standard(s): 1546 Fluke 525B
 Adjustments:
 Problems:
 Uncertainty: 1.9000 Deg F. Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
73.4000	73.4000	73.4000	73.9000	72.9000	Deg F.	Type K	Yes

Standard(s): 1546 Fluke 525B
 Adjustments:
 Problems:
 Uncertainty: 1.9000 Deg F. Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
990.0000	989.9000	989.9000	990.8000	989.2000	Deg C.	Type K	Yes

Standard(s): 1546 Fluke 525B
 Adjustments:
 Problems:
 Uncertainty: 1.9000 Deg C. Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
-310.0000	-309.8000	-309.8000	-309.0000	-311.0000	Deg F.	Type K	Yes

Standard(s): 1546 Fluke 525B
 Adjustments:
 Problems:
 Uncertainty: 1.9000 Deg F. Procedure: WI-508



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1000.0000	999.8000	999.8000	1001.0000	999.0000	Deg F.	Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2192.0000	2192.0000	2192.0000	2194.0000	2190.0000	Deg F.	Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	99.6000	100.0000	101.0000	99.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
450.0000	449.6000	450.0000	451.0000	449.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
780.0000	779.6000	780.0000	781.0000	779.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1110.0000	1110.0000	1110.0000	1111.0000	1109.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1440.0000	1440.0000	1440.0000	1441.0000	1439.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1800.0000	1800.0000	1800.0000	1801.0000	1799.0000	Deg F.	Type N	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 1.9000 Deg F.

Procedure: WI-508

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01388-5441: 3