

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: 03/24/21
Calibration date: 03/24/21
Recalibration due: 06/23/21

Item number: 1531	Item location: Mobile		
Tag number:	Temp: 72.0° F.	Humidity: 45	Sensitivity: OK
Manufacturer: Honeywell, Inc.	Condition as found: In tolerance		
Model num: TVMUSX-888800-240-22-2-03	Condition as left: In tolerance		
Description: 1531 Recorder	Intentional offset as found: 0.0000		
Serial number: 1126Y192349500001	Intentional offset as left: 0.0000		
Accuracy: +/- 1 Deg F.	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 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: Cody Nimon Date: 03/24/21 Approved by: Laura Grolla Date: 03/24/21
Cody Nimon - Technician Laura Grolla - Deputy Quality Manager

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.2000	0.0000	1.0000	-1.0000	Deg F	Ch 01 Type K	Yes
Standard(s): 1546 Fluke 525B Adjustments: Adjusted bias and sensor comp values Problems: Uncertainty: 1.2000 Deg F Procedure: WI-508							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.8000	280.0000	281.0000	279.0000	Deg F	Ch 01 Type K	Yes
Standard(s): 1546 Fluke 525B Adjustments: Adjusted bias and sensor comp values Problems: Uncertainty: 1.2000 Deg F Procedure: WI-508							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.9000	760.0000	761.0000	759.0000	Deg F	Ch 01 Type K	Yes
Standard(s): 1546 Fluke 525B Adjustments: Adjusted bias and sensor comp values Problems: Uncertainty: 1.2000 Deg F Procedure: WI-508							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1239.8000	1240.0000	1241.0000	1239.0000	Deg F	Ch 01 Type K	Yes
Standard(s): 1546 Fluke 525B Adjustments: Adjusted bias and sensor comp values Problems: Uncertainty: 1.2000 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?
1720.0000	1719.9000	1720.0000	1721.0000	1719.0000	Deg F	Ch 01 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.8000	2200.0000	2201.0000	2199.0000	Deg F	Ch 01 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	-0.1000	0.0000	1.0000	-1.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.6000	280.0000	281.0000	279.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.7000	760.0000	761.0000	759.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1239.8000	1240.0000	1241.0000	1239.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1719.9000	1720.0000	1721.0000	1719.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508



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CERTIFICATE OF CALIBRATION

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.8000	2200.0000	2201.0000	2199.0000	Deg F	Ch 02 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.5000	0.0000	1.0000	-1.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.8000	280.0000	281.0000	279.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	760.7000	760.0000	761.0000	759.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.8000	1240.0000	1241.0000	1239.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.7000	1720.0000	1721.0000	1719.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2200.5000	2200.0000	2201.0000	2199.0000	Deg F	Ch 03 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 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?
0.0000	0.4000	0.0000	1.0000	-1.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.3000	280.0000	281.0000	279.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	760.6000	760.0000	761.0000	759.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.5000	1240.0000	1241.0000	1239.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.3000	1720.0000	1721.0000	1719.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2200.2000	2200.0000	2201.0000	2199.0000	Deg F	Ch 04 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.4000	0.0000	1.0000	-1.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.5000	280.0000	281.0000	279.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	760.5000	760.0000	761.0000	759.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.5000	1240.0000	1241.0000	1239.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.4000	1720.0000	1721.0000	1719.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2200.8000	2200.0000	2201.0000	2199.0000	Deg F	Ch 05 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.1000	0.0000	1.0000	-1.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.2000	280.0000	281.0000	279.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	760.2000	760.0000	761.0000	759.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.2000	1240.0000	1241.0000	1239.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.1000	1720.0000	1721.0000	1719.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2200.2000	2200.0000	2201.0000	2199.0000	Deg F	Ch 06 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	-0.4000	0.0000	1.0000	-1.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.5000	280.0000	281.0000	279.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.7000	760.0000	761.0000	759.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 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?
1240.0000	1239.7000	1240.0000	1241.0000	1239.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.8000	1720.0000	1721.0000	1719.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.9000	2200.0000	2201.0000	2199.0000	Deg F	Ch 07 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	-0.7000	0.0000	1.0000	-1.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.7000	280.0000	281.0000	279.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.4000	760.0000	761.0000	759.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1239.5000	1240.0000	1241.0000	1239.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508



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CERTIFICATE OF CALIBRATION

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1719.5000	1720.0000	1721.0000	1719.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.5000	2200.0000	2201.0000	2199.0000	Deg F	Ch 08 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	-1.0000	0.0000	1.0000	-1.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.1000	280.0000	281.0000	279.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.1000	760.0000	761.0000	759.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1239.0000	1240.0000	1241.0000	1239.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1719.0000	1720.0000	1721.0000	1719.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508



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CERTIFICATE OF CALIBRATION

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.0000	2200.0000	2201.0000	2199.0000	Deg F	Ch 09 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	-1.0000	0.0000	1.0000	-1.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	279.0000	280.0000	281.0000	279.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.0000	760.0000	761.0000	759.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1239.0000	1240.0000	1241.0000	1239.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1719.0000	1720.0000	1721.0000	1719.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.0000	2200.0000	2201.0000	2199.0000	Deg F	Ch 10 Type K	Yes

Standard(s): 1546 Fluke 525B

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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.4000	0.0000	1.0000	-1.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.0000	280.0000	281.0000	279.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	759.9000	760.0000	761.0000	759.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.1000	1240.0000	1241.0000	1239.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1719.9000	1720.0000	1721.0000	1719.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2199.9000	2200.0000	2201.0000	2199.0000	Deg F	Ch 11 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
0.0000	0.4000	0.0000	1.0000	-1.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

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CERTIFICATE OF CALIBRATION

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
280.0000	280.7000	280.0000	281.0000	279.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
760.0000	760.4000	760.0000	761.0000	759.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1240.0000	1240.6000	1240.0000	1241.0000	1239.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
1720.0000	1720.4000	1720.0000	1721.0000	1719.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2200.0000	2200.2000	2200.0000	2201.0000	2199.0000	Deg F	Ch 12 Type K	Yes

Standard(s): 1546 Fluke 525B

Adjustments: Adjusted bias and sensor comp values

Problems:

Uncertainty: 1.2000 Deg F

Procedure: WI-508

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01531-5473: 11