

# Certificate of Calibration

Illiana Instrumentation Service LLC

1831 Govert Drive  
Scherverville, IN 46375



Cert #: 18413 Rev. 2

Item # 1707

Certificate Date: 7/27/2024

## CUSTOMER

ILLIANA INSTRUMENTATION SERVICE LLC  
1831 GOVERT DRIVE  
SCHERERVILLE, IN 46375

## EQUIPMENT INFORMATION

<b>Item #</b> 1707	<b>Calibration R</b>
<b>Manufacturer</b>	HONEYWELL
<b>Model Number</b>	TVMUSX-8888
<b>Serial Number</b>	1121Y191869
<b>Equip. Location</b>	MOBILE
<b>Description</b>	RECORDER

## CALIBRATION INFORMATION

**Date received:** 7/27/2024  
**Technician:** PAUL GROLLA

**Cal Date:** 7/27/2024  
**Temperature:** 73 F

**Cal. Interval** 12 MONTHS  
**Humidity** 43  
**Tag**

**Department:**

**Notes:**

**Problems:** None

**Adjustments** None

**Equipment Notes**

**Sensitivity** OKAY

**Initial modification offset** 0

**Final modification offset** 0

**Note:** If the modification offset is not zero, readings reflect zero.

**Limitations** CALIBRATED ONLY ON CHANNELS THAT INCLUDE CAL DATA

**Accuracy** +/- 1 DEG F.



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**Quality and traceability statements**

This certifies that the above equipment was calibrated using appropriate Illiana Instrumentation technical procedures. At planned intervals, Illiana Instrumentation standards are calibrated 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 are 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 by 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. The traceability and technical procedures used is on file and is available for examination upon request and approval of our quality assurance manager. The above uncertainties represent an approximately 95% confidence level using a coverage factor of k=2. The certificate date on this report constitutes the issue date. Pass/Fail criteria does not take into account measurement error as left to get corrected reading. Values are uncorrected for test instrument error.

**Calibrated By:**

*Paul Grolla*

**Approved By:**

*Laura Grolla*

**Customer Approval**

**Calibration Data**

Values found OOT and adjusted are indicated by "A" and items left OOT are indicated by "F"

Group	Description	Nominal	Lower Tol.	Upper Tol.	As Found	As Left	Units
CH 1	TYPE T	-150.0	-151.0	-149.0	-149.0	-150.0	°F
CH 1	TYPE T	-100.0	-101.0	-99.0	-99.0	-100.0	°F
CH 1	TYPE T	-50.0	-51.0	-49.0	-49.4	-50.0	°F
CH 1	TYPE T	0.0	-1.0	1.0	0.9	0.0	°F
CH 1	TYPE T	50.0	49.0	51.0	50.6	50.0	°F
CH 1	TYPE T	100.0	99.0	101.0	100.9	100.0	°F
CH 2	TYPE T	-150.0	-151.0	-149.0	-150.1	-150.0	°F
CH 2	TYPE T	-100.0	-101.0	-99.0	-99.9	-100.0	°F
CH 2	TYPE T	-50.0	-51.0	-49.0	-50.1	-50.0	°F
CH 2	TYPE T	0.0	-1.0	1.0	-0.1	0.0	°F
CH 2	TYPE T	50.0	49.0	51.0	50.3	50.0	°F
CH 2	TYPE T	100.0	99.0	101.0	100.2	100.0	°F
CH 3	TYPE T	-150.0	-151.0	-149.0	-150.4	-150.0	°F



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CH 3	TYPE T	-100.0	-101.0	-99.0	-100.0	-100.0	°F
CH 3	TYPE T	-50.0	-51.0	-49.0	-50.4	-50.0	°F
CH 3	TYPE T	0.0	-1.0	1.0	-0.3	0.0	°F
CH 3	TYPE T	50.0	49.0	51.0	50.0	50.0	°F
CH 3	TYPE T	100.0	99.0	101.0	99.9	100.0	°F
CH 4	TYPE T	-150.0	-151.0	-149.0	-149.9	-150.0	°F
CH 4	TYPE T	-100.0	-101.0	-99.0	-99.8	-100.0	°F
CH 4	TYPE T	-50.0	-51.0	-49.0	-49.7	-50.0	°F
CH 4	TYPE T	0.0	-1.0	1.0	0.2	0.0	°F
CH 4	TYPE T	50.0	49.0	51.0	50.1	50.0	°F
CH 4	TYPE T	100.0	99.0	101.0	100.0	100.0	°F
CH 5	TYPE T	-150.0	-151.0	-149.0	-149.2	-150.0	°F
CH 5	TYPE T	-100.0	-101.0	-99.0	-99.4	-100.0	°F
CH 5	TYPE T	-50.0	-51.0	-49.0	-50.0	-50.0	°F
CH 5	TYPE T	0.0	-1.0	1.0	0.1	0.0	°F
CH 5	TYPE T	50.0	49.0	51.0	50.1	50.0	°F
CH 5	TYPE T	100.0	99.0	101.0	100.2	100.0	°F
CH 6	TYPE T	-150.0	-151.0	-149.0	-149.8	-150.0	°F
CH 6	TYPE T	-100.0	-101.0	-99.0	-99.7	-100.0	°F
CH 6	TYPE T	-50.0	-51.0	-49.0	-50.0	-50.0	°F
CH 6	TYPE T	0.0	-1.0	1.0	0.0	0.0	°F
CH 6	TYPE T	50.0	49.0	51.0	50.1	50.0	°F
CH 6	TYPE T	100.0	99.0	101.0	100.2	100.0	°F
CH 7	TYPE T	-150.0	-151.0	-149.0	-149.6	-150.0	°F



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Group	Description	Nominal	Lower Tol.	Upper Tol.	As Found	As Left	Units
CH 7	TYPE T	-100.0	-101.0	-99.0	-99.6	-100.0	°F
CH 7	TYPE T	-50.0	-51.0	-49.0	-50.0	-50.0	°F
CH 7	TYPE T	0.0	-1.0	1.0	0.1	0.0	°F
CH 7	TYPE T	50.0	49.0	51.0	50.1	50.0	°F
CH 7	TYPE T	100.0	99.0	101.0	100.2	100.0	°F
CH 8	TYPE T	-150.0	-151.0	-149.0	-149.0	-150.0	°F
CH 8	TYPE T	-100.0	-101.0	-99.0	-99.0	-100.0	°F
CH 8	TYPE T	-50.0	-51.0	-49.0	-49.0	-50.0	°F
CH 8	TYPE T	0.0	-1.0	1.0	1.0	0.0	°F
CH 8	TYPE T	50.0	49.0	51.0	51.0	50.0	°F
CH 8	TYPE T	100.0	99.0	101.0	100.9	100.0	°F
CH 9	TYPE T	-150.0	-151.0	-149.0	-149.4	-150.0	°F
CH 9	TYPE T	-100.0	-101.0	-99.0	-99.9	-100.0	°F
CH 9	TYPE T	-50.0	-51.0	-49.0	-49.8	-50.0	°F
CH 9	TYPE T	0.0	-1.0	1.0	0.2	0.0	°F
CH 9	TYPE T	50.0	49.0	51.0	50.5	50.0	°F
CH 9	TYPE T	100.0	99.0	101.0	100.5	100.0	°F
CH 10	TYPE T	-150.0	-151.0	-149.0	-149.6	-150.0	°F
CH 10	TYPE T	-100.0	-101.0	-99.0	-99.6	-100.0	°F
CH 10	TYPE T	-50.0	-51.0	-49.0	-49.6	-50.0	°F
CH 10	TYPE T	0.0	-1.0	1.0	-0.1	0.0	°F
CH 10	TYPE T	50.0	49.0	51.0	50.3	50.0	°F
CH 10	TYPE T	100.0	99.0	101.0	100.2	100.0	°F



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**Standards Used**

<b>I.D.</b>	<b>Model</b>	<b>Description</b>	<b>Manufacturer</b>	<b>Serial No.</b>
1546	525B	TEMP/PRESSURE CALIBRATOR	FLUKE	2041092

**Procedures Used**

<b>Name</b>	<b>Description</b>
WI-527	CALIBRATION OF VIDEO RECORDERS