

Certificate of Calibration



Illiana Instrumentation Service LLC
1831 Govert Drive
Scherverville, IN 46375



Cert #: 3248 Rev. 1 Item # 1707 Certificate Date: 7/11/2022

CUSTOMER

ILLIANA INSTRUMENTATION SERVICE LLC
1831 GOVERT DRIVE
SCHERERVILLE, IN 46375

Purchase Order:

EQUIPMENT INFORMATION

Item # 1707 Calibration Result: PASS
Manufacturer HONEYWELL
Model Number TVMUSX-888800-240-22-2-03
Serial Number 1121Y191869500001
Equip. Location MOBILE
Description RECORDER

CALIBRATION INFORMATION

Date received: 7/11/2022 Cal Date: 7/11/2022 Cal. Interval 3 MONTHS Cal. Due Date: 10/11/2022
Technician: PAUL GROLLA Temperature: 74 F Humidity 48 Cal location LAB
Tag

Department:

Notes:

Problems: None

Adjustments ADJUSTED

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.

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 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 examination 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. The certificate date on this report constitutes the issue date. Pass/Fail criteria does not take into account measurement uncertainty.

Calibrated By:

Paul Grolla

Approved By:

Laura Grolla

Customer Approval _____



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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	Uncert.	OOT
CH 1	TYPE T	-150.0	-151.0	-149.0	-149.0	-149.8	°F	1.2	
CH 1	TYPE T	-100.0	-101.0	-99.0	-99.0	-100.4	°F	1.2	
CH 1	TYPE T	-50.0	-51.0	-49.0	-49.1	-50.8	°F	1.2	
CH 1	TYPE T	0.0	-1.0	1.0	0.6	0.2	°F	1.2	
CH 1	TYPE T	50.0	49.0	51.0	50.3	49.5	°F	1.2	
CH 1	TYPE T	100.0	99.0	101.0	100.4	99.8	°F	1.2	
CH 2	TYPE T	-150.0	-151.0	-149.0	-149.0	-149.0	°F	1.2	
CH 2	TYPE T	-100.0	-101.0	-99.0	-99.1	-99.1	°F	1.2	
CH 2	TYPE T	-50.0	-51.0	-49.0	-49.3	-49.3	°F	1.2	
CH 2	TYPE T	0.0	-1.0	1.0	0.5	0.5	°F	1.2	
CH 2	TYPE T	50.0	49.0	51.0	50.1	50.1	°F	1.2	
CH 2	TYPE T	100.0	99.0	101.0	99.7	99.7	°F	1.2	
CH 3	TYPE T	-150.0	-151.0	-149.0	-150.8	-150.8	°F	1.2	
CH 3	TYPE T	-100.0	-101.0	-99.0	-99.0	-99.0	°F	1.2	
CH 3	TYPE T	-50.0	-51.0	-49.0	-49.1	-49.1	°F	1.2	
CH 3	TYPE T	0.0	-1.0	1.0	0.7	0.7	°F	1.2	
CH 3	TYPE T	50.0	49.0	51.0	50.3	50.3	°F	1.2	
CH 3	TYPE T	100.0	99.0	101.0	99.8	99.8	°F	1.2	
CH 4	TYPE T	-150.0	-151.0	-149.0	-150.1	-150.1	°F	1.2	
CH 4	TYPE T	-100.0	-101.0	-99.0	-100.1	-100.1	°F	1.2	
CH 4	TYPE T	-50.0	-51.0	-49.0	-50.2	-50.2	°F	1.2	
CH 4	TYPE T	0.0	-1.0	1.0	0.0	0.0	°F	1.2	
CH 4	TYPE T	50.0	49.0	51.0	50.3	50.3	°F	1.2	
CH 4	TYPE T	100.0	99.0	101.0	100.7	100.7	°F	1.2	
CH 5	TYPE T	-150.0	-151.0	-149.0	-150.0	-150.0	°F	1.2	
CH 5	TYPE T	-100.0	-101.0	-99.0	-100.0	-100.0	°F	1.2	
CH 5	TYPE T	-50.0	-51.0	-49.0	-50.1	-50.1	°F	1.2	
CH 5	TYPE T	0.0	-1.0	1.0	-0.1	-0.1	°F	1.2	
CH 5	TYPE T	50.0	49.0	51.0	49.8	49.8	°F	1.2	
CH 5	TYPE T	100.0	99.0	101.0	100.0	100.0	°F	1.2	
CH 6	TYPE T	-150.0	-151.0	-149.0	-151.0	-149.5	°F	1.2	
CH 6	TYPE T	-100.0	-101.0	-99.0	-101.0	-99.9	°F	1.2	
CH 6	TYPE T	-50.0	-51.0	-49.0	-51.0	-49.9	°F	1.2	
CH 6	TYPE T	0.0	-1.0	1.0	-0.4	0.9	°F	1.2	



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Group	Description	Nominal	Lower Tol.	Upper Tol.	As Found	As Left	Units	Uncert.	OOT
CH 6	TYPE T	50.0	49.0	51.0	49.9	50.8	°F	1.2	
CH 6	TYPE T	100.0	99.0	101.0	99.0	99.0	°F	1.2	
CH 7	TYPE T	-150.0	-151.0	-149.0	-149.8	-149.8	°F	1.2	
CH 7	TYPE T	-100.0	-101.0	-99.0	-99.9	-99.9	°F	1.2	
CH 7	TYPE T	-50.0	-51.0	-49.0	-50.1	-50.1	°F	1.2	
CH 7	TYPE T	0.0	-1.0	1.0	0.0	0.0	°F	1.2	
CH 7	TYPE T	50.0	49.0	51.0	50.0	50.0	°F	1.2	
CH 7	TYPE T	100.0	99.0	101.0	100.0	100.0	°F	1.2	
CH 8	TYPE T	-150.0	-151.0	-149.0	-149.0	-149.3	°F	1.2	
CH 8	TYPE T	-100.0	-101.0	-99.0	-99.0	-99.5	°F	1.2	
CH 8	TYPE T	-50.0	-51.0	-49.0	-49.0	-49.7	°F	1.2	
CH 8	TYPE T	0.0	-1.0	1.0	1.0	0.3	°F	1.2	
CH 8	TYPE T	50.0	49.0	51.0	51.0	50.4	°F	1.2	
CH 8	TYPE T	100.0	99.0	101.0	101.0	100.3	°F	1.2	
CH 9	TYPE T	-150.0	-151.0	-149.0	-151.0	-150.3	°F	1.2	
CH 9	TYPE T	-100.0	-101.0	-99.0	-101.0	-99.9	°F	1.2	
CH 9	TYPE T	-50.0	-51.0	-49.0	-50.7	-49.7	°F	1.2	
CH 9	TYPE T	0.0	-1.0	1.0	-0.6	0.3	°F	1.2	
CH 9	TYPE T	50.0	49.0	51.0	49.4	50.3	°F	1.2	
CH 9	TYPE T	100.0	99.0	101.0	99.5	100.5	°F	1.2	
CH 10	TYPE T	-150.0	-151.0	-149.0	-149.6	-149.6	°F	1.2	
CH 10	TYPE T	-100.0	-101.0	-99.0	-99.6	-99.6	°F	1.2	
CH 10	TYPE T	-50.0	-51.0	-49.0	-49.8	-49.8	°F	1.2	
CH 10	TYPE T	0.0	-1.0	1.0	0.2	0.2	°F	1.2	
CH 10	TYPE T	50.0	49.0	51.0	49.9	49.9	°F	1.2	
CH 10	TYPE T	100.0	99.0	101.0	100.3	100.3	°F	1.2	

Standards Used

I.D.	Model	Description	Manufacturer	Serial No.
1546	525B	TEMPERATURE/PRESSURE CAL	FLUKE	2041092

Procedures Used

Name	Description
WI-508	THERMOCOUPLE INPUT



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