

# Certificate of Calibration



**Illiana Instrumentation Service LLC**

1831 Govert Drive  
Scherverville, IN 46375



Cert #: 21062 Rev. 1

Item # 1753

Certificate Date: 10/15/2024

## CUSTOMER

ILLIANA INSTRUMENTATION SERVICE LLC  
1831 GOVERT DRIVE  
SCHERERVILLE, IN 46375

## EQUIPMENT INFORMATION

Item # 1753

Manufacturer PYROMATION  
Model Number R5T185L484-012-11B-15-T3P072-3  
Serial Number 1753  
Equip. Location MOBILE  
Description PLATINUM RESISTANCE THERMOCOUPLE

## CALIBRATION INFORMATION

Date received: 10/15/2024 Cal Date: 10/15/2024 Cal. Interval 48 MONTHS Cal. Due Date: 10/15/2028  
Technician: PAUL GROLLA Temperature: 72 F Humidity 40 Cal location LAB  
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 NONE

Accuracy

## 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. No statement of conformity with specifications is made or implied on this certificate. However, measurement results are reviewed, where applicable, to establish where any measurement result exceeded the tolerance listed on this certificate. Measurement results exceeding the tolerance are indicated by an " F " in the Out Of Tolerance column.

Calibrated By:

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
		32.00	31.80	32.20	31.98	31.98	°F	0.1	
		120.00	119.80	120.20	120.00	120.00	°F	0.1	
		122.00	121.80	122.20	122.00	122.00	°F	0.1	

**Standards Used**

I.D.	Model	Description	Manufacturer	Serial No.
1225	5626-15-S	SECONDARY STANDARD PRT	HART SCIENTIFIC/FLUKE	0411
1429	2562	PRT SCANNER MODULE	HART SCIENTIFIC/FLUKE	A88930
1546	525B	TEMP/PRESSURE CALIBRATOR	FLUKE	2041092
2000	ICE BATH	ICE BATH	NONE	NONE

**Procedures Used**

Name	Description
WI-514	CALIBRATING THERMOCOUPLES OR RTD'S