

Certificate of Calibration



Illiana Instrumentation Service LLC

1831 Govert Drive
Scherverville, IN 46375



Cert #: 20166 Rev. 1

Item # 1717

Certificate Date: 10/6/2024

CUSTOMER

ILLIANA INSTRUMENTATION SERVICE LLC
1831 GOVERT DRIVE
SCHERERVILLE, IN 46375

EQUIPMENT INFORMATION

Item # 1717

Manufacturer REED
Model Number BX-500
Serial Number 200679878
Equip. Location LAB/MOBILE
Description IR CALIBRATOR

CALIBRATION INFORMATION

Date received: 10/6/2024 Cal Date: 10/6/2024 Cal. Interval 24 MONTHS Cal. Due Date: 10/6/2026
Technician: PAUL GROLLA Temperature: 76 F Humidity 35 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 VARIES BY POINT

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:

Paul Grolla

Approved By:

Laura Grolla

Customer Approval _____

Label72



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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
		122.00	120.00	124.00	122.60	122.60	°F	2.7	
		200.00	198.00	202.00	200.90	200.90	°F	2.7	
		300.00	296.40	303.60	300.60	300.60	°F	2.7	
		400.00	396.40	403.60	401.00	401.00	°F	2.7	
		500.00	496.40	503.60	501.30	501.30	°F	2.7	
		600.00	596.40	603.60	601.30	601.30	°F	2.7	
		700.00	696.40	703.60	701.40	701.40	°F	2.7	
		800.00	796.40	803.60	801.50	801.50	°F	2.7	
		900.00	896.40	903.60	901.00	901.00	°F	2.7	

Standards Used

I.D.	Model	Description	Manufacturer	Serial No.
1546	525B	TEMP/PRESSURE CALIBRATOR	FLUKE	2041092
1642	TYPE N THERMOCOUPLE	THERMOCOUPLE	GEOCORP	MG16942C

Procedures Used

Name	Description
WI-516	PERFORMING SAT