



Certificate of Calibration & Compliance For:
ILLIANA INSTRUMENTATION SERVICE
 1831 GOVERT DR.
 SCHERERVILLE, IN 46375



CALIBRATION
 NVLAP LAB CODE: 200496-0

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ISO / IEC 17025 Accredited Lab

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Calibration #	BF1261	Temperature	Reading		Correction		AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		32	32.2	32.2	-0.2	-0.2	-0.2
P.O. #:	4530	100	100.3	100.3	-0.3	-0.3	-0.3
		200	200.5	200.5	-0.5	-0.5	-0.5
Description:	Thermocouple Wire	400	400.1	400.1	-0.1	-0.1	-0.1
TYPE	K	600	599.8	599.8	0.2	0.2	0.2
1000'	K20-2-HC	800	800.4	800.3	-0.4	-0.3	-0.4
		1000	1001.1	1001.0	-1.1	-1.0	-1.0
		1200	1201.8	1201.8	-1.8	-1.8	-1.8
		1400	1402.4	1402.3	-2.4	-2.3	-2.4
		1600	1602.5	1602.5	-2.5	-2.5	-2.5
		1800	1801.9	1802.0	-1.9	-2.0	-2.0
		2000	2001.4	2001.5	-1.4	-1.5	-1.4
		2200	2201.7	2201.7	-1.7	-1.7	-1.7
		2300	2302.0	2301.9	-2.0	-1.9	-2.0
Spool Length:	1000'						
Spool #	GK40612-1-7B						
Test Date:	7/19/2024						
Job #:	287046						

This Item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration

BAC 5621 M, Table V +/- 2.0 °F (+/- 1.1 °C) to 1000 °F, +/- 0.4% above AMS 2750 G Noble Metal +/- 1.0 °F (+/- 0.6 °C) or +/-0.1%

BAC 5621 M, Table V, FL 4 +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4% AMS 2750 G Base Metal +/- 2.0 °F (+/- 1.1 °C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750G, BAC 5621M (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-23a, GEOCORP QW-001-P, ASTM E29

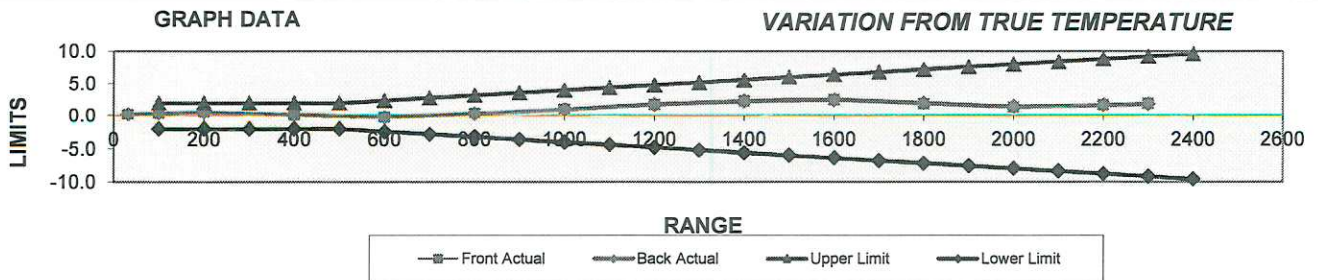
NIST SENSOR: 0000062307	Primary Sensor: A-4604	Primary Inst: Keithley 2701	Humidity: 40% Nominal
Calibrated: 5/3/2024	Calibrated: 5/21/2024	S/N: 1212892	Ambient Temp 72° F
Due: 5/3/2025	Due: 5/21/2025	Calibrated: 7/2/2024	Immersion Depth: 24"
Type: S	Type: S	Due: 7/2/2025	tech: BW by: BW
			Issue Date: 7/19/2024

Estimated uncertainty, k=2, 95 %
 Thermocouple Type-K: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 °C to 1344 °C = 1.90 °C
 OR -321 °F to < 32 °F = 1.28 °F, 32 °F to 1999 °F = 1.60 °F, > 1999 °F to 2451 °F = 3.42 °F
 Thermocouple Type-N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 °C to 1300 °C = 1.90 °C
 OR -321 °F to < 32 °F = 1.28 °F, 32 °F to 1999 °F = 1.60 °F, > 1999 °F to 2372 °F = 3.42 °F
 Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C
 OR -321 °F to < 32 °F = 1.26 °F; 32 °F to 1400 °F = 1.58 °F

OK
 PR
 7-24-24

[Signature]
 NOREEN ROTH
 APPROVED SIGNATORY

TYPE K Thermocouple Wire



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GeoCorp, Inc. utilizes a simple decision rule unless otherwise specified, uncertainties are not included in the Pass/Fail determination.