



**Certificate of Calibration & Compliance For:**  
**ACCURATE CALIB. & REPAIR SERV., INC**  
**1924 PINNACLE DR.**  
**AURORA, IL 60502**



**CALIBRATION**  
**NVLAP LAB CODE: 200496-0**

GeoCorp, Inc.

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ISO / IEC 17025 Accredited Lab

NVLAP is a U.S. Government entity  
administered by the NIST, an agency  
of the Department of Commerce

Calibration #	BE5597	Temperature	Reading		Correction		AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		100	100.0	100.0	0.0	0.0	0.0
P.O. #:	2413	200	199.8	199.7	0.2	0.3	0.2
		300	300.1	300.2	-0.1	-0.2	-0.2
Description:	Thermocouple Wire	400	400.4	400.5	-0.4	-0.5	-0.4
TYPE	K	500	500.6	500.7	-0.6	-0.7	-0.6
1000'	K20-2-HG	600	600.8	600.9	-0.8	-0.9	-0.8
		700	700.5	700.6	-0.5	-0.6	-0.6
		800	800.3	800.4	-0.3	-0.4	-0.4
		900	900.8	900.9	-0.8	-0.9	-0.8
		1000	1001.3	1001.4	-1.3	-1.4	-1.4
		1100	1101.9	1102.0	-1.9	-2.0	-2.0
		1200	1202.5	1202.6	-2.5	-2.6	-2.6
		1300	1302.7	1302.8	-2.7	-2.8	-2.8
		1400	1403.0	1403.1	-3.0	-3.1	-3.0
		1500	1503.2	1503.3	-3.2	-3.3	-3.2
		1600	1603.4	1603.5	-3.4	-3.5	-3.4
Spool Length:	1000'	1700	1703.6	1703.7	-3.6	-3.7	-3.6
		1800	1803.8	1803.9	-3.8	-3.9	-3.8
Spool #	GK30728-1-14						
Test Date:	1/31/2024						
Job #:	281479						

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%

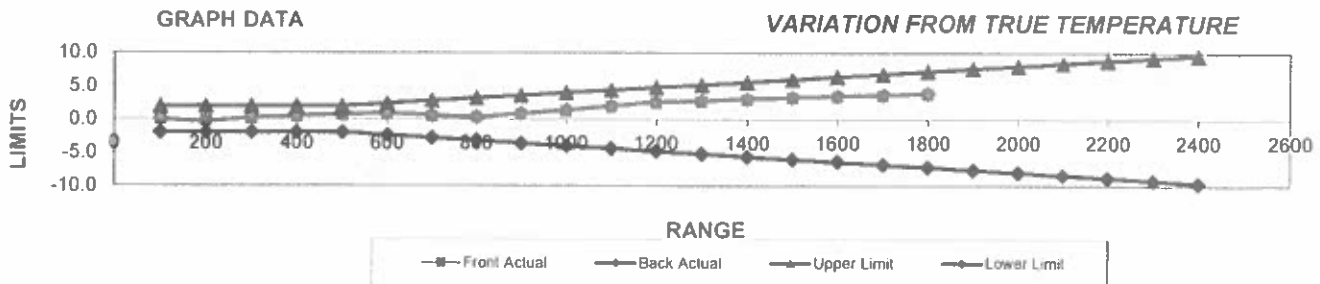
The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750G, BAC 5621M (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM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

NIST SENSOR: 0000049081 Calibrated: 6/5/2023 Due: 6/5/2024 Type: S	Primary Sensor: A-4543 Calibrated: 1/17/2024 Due: 1/17/2025 Type: S	Primary Inst: Keithley 2701 S/N: 4096981 Calibrated: 7/7/2023 Due: 7/7/2024	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: KZ by: KZ Issue Date: 1/31/2024
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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

**NOREEN ROTH**  
**APPROVED SIGNATORY**

**TYPE**  
**K Thermocouple Wire**



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