



GeoCorp, Inc.  
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P: 419-433-1101 F: 419-433-1102  
17026 Accredited Lab

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



**CALIBRATION**  
NVLAP LAB CODE: 200496-0  
NVLAP is a U.S. Government entity  
administered by the NIST, an agency  
of the Department of Commerce.

Calibration #	BD1262	Temperature	Reading		Correction		AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		32	32.1	32.1	-0.1	-0.1	-0.1
P.O. #:	2247	200	200.4	200.4	-0.4	-0.4	-0.4
		400	400.1	400.2	-0.1	-0.2	-0.2
Description:	Thermocouple	600	599.3	599.4	0.7	0.6	0.7
Type:	N	800	799.5	799.6	0.5	0.4	0.5
12 EA.	2-48N1U1	1000	1000.2	1000.3	-0.2	-0.3	-0.3
		1200	1199.9	1200.0	0.1	0.0	0.1
		1400	1399.7	1399.8	0.3	0.2	0.3
		1600	1600.4	1600.5	-0.4	-0.5	-0.5
		1800	1801.2	1801.3	-1.2	-1.3	-1.3
		2000	2002.0	2002.1	-2.0	-2.1	-2.1
		2200	2202.8	2202.9	-2.8	-2.9	-2.9
		2300	2303.2	2303.3	-3.2	-3.3	-3.3
Spool Length:	2000'						
Spool #	MG25224C						
Test Date:	11/29/2022						
Job #:	268103						

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/NC SL 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-17, GEOCORP QW-001-P

NIST SENSOR: 0000035278 Calibrated: 4/22/2022 Due: 4/22/2023 Type: S	Primary Sensor: A-4459 Calibrated: 11/14/2022 Due: 11/14/2023 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 7/1/2022 Due: 7/1/2023	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: BW by: LH Issue Date: 12/13/2022
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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:  
N Thermocouple

