



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.

GeoCorp, Inc.
 www.geocorpinc.com
 9010 River Road • Huron, Ohio 44839
 P: 419-433-1101 F: 419-433-1102
 ISO / IEC 17025 Accredited Lab

Calibration #	BE6539	Temperature	Reading		Correction		AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		32	31.9	32.0	0.1	0.0	0.0
P.O. #:	2420	200	199.6	199.7	0.4	0.3	0.4
		400	400.1	400.2	-0.1	-0.2	-0.2
Description:	Thermocouple	600	600.3	600.5	-0.3	-0.5	-0.4
Type:	N	800	800.3	800.4	-0.3	-0.4	-0.4
26 EA.	1-14N1U1	1000	1000.9	1001.0	-0.9	-1.0	-1.0
14 EA.	1-18N1U1	1200	1200.6	1200.7	-0.6	-0.7	-0.6
2 EA.	1-20N1U1	1400	1401.1	1401.2	-1.1	-1.2	-1.2
14 EA.	1-24N1U1	1600	1601.1	1601.2	-1.1	-1.2	-1.2
10 EA.	1-32N1U1	1800	1801.8	1802.0	-1.8	-2.0	-1.9
8 EA.	1-36N1U1	2000	2002.6	2002.7	-2.6	-2.7	-2.6
6 EA.	1-48N1U1	2200	2203.4	2203.5	-3.4	-3.5	-3.4
2 EA.	1-86N1U1	2300	2303.7	2303.6	-3.7	-3.6	-3.6
Spool Length:	2000'						
Spool #	MG26875C						
Test Date:	2/26/2024						
Job #:	282647						

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: 0000049061 Calibrated: 5/5/2023 Due: 5/5/2024 Type: S	Primary Sensor: A-4548 Calibrated: 1/17/2024 Due: 1/17/2025 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 7/7/2023 Due: 7/7/2024	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: BW by: TH Issue Date: 3/17/2024
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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:
N Thermocouple

