



GeoCorp, Inc.

www.geocorpinc.com

9010 River Road • Huron, Ohio 44839

P: 419-433-1101 F: 419-433-1102

17025 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.

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Calibration #	BA1036	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		32	32.1	32.1	-0.1	-0.1	-0.1
P.O. #:	2020030	200	200.6	200.5	-0.6	-0.5	-0.6
		400	401.4	401.3	-1.4	-1.3	-1.4
Description:	Thermocouple	600	601.3	601.1	-1.3	-1.1	-1.2
Type:	K	800	801.7	801.5	-1.7	-1.5	-1.6
4 EA.	1-80K1U3	1000	1002.5	1002.4	-2.5	-2.4	-2.4
8 EA.	1-72K1U3	1200	1203.0	1203.0	-3.0	-3.0	-3.0
6 EA.	1-60K1U3	1400	1403.4	1403.4	-3.4	-3.4	-3.4
5 EA.	1-50K1U3	1600	1603.9	1603.9	-3.9	-3.9	-3.9
		1800	1804.2	1804.3	-4.2	-4.3	-4.2
		2000	2004.3	2004.4	-4.3	-4.4	-4.4
		2200	2203.5	2203.4	-3.5	-3.4	-3.4
		2300	2303.1	2302.9	-3.1	-2.9	-3.0
Spool #	MG21017C						
Test Date:	3/18/2020						
Job #:	239108						

This item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration
 BAC 5621 L, Table V +/- 2 °F (+/- 1.1 °C) to 1000° F, +/- 0.4% above AMS 2750 E Noble Metal +/- 1° F (+/- 0.6 °C) or +/- 0.1%
 BAC 5621 L, Table V, FL 4 +/- 2 °F (+/- 1.1 °C) or +/- 0.4% AMS 2750 E Base Metal +/- 2° F (+/- 1.1 °C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750E, BAC 5621L (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 64000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-17, GEORCORP QW-001-0

NIST SENSOR: 292827 Calibrated: 11/22/2019 Due: 11/22/2020 Type: S	Primary Sensor: A-4229 Calibrated: 2/4/2020 Due: 2/4/2021 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 8/14/2019 Due: 8/14/2020	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: BW by: AH Issue Date: 7/9/2020
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Estimated uncertainty, k=2, 95 %
 Thermocouple Types-K and N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 to 1344 = 1.9 °C
 Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C

Cherrie Roth
 NOREEN ROTH
 APPROVED SIGNATORY

