



GeoCorp, Inc.
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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 #	BB6371	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		32	32.0	32.0	0.0	0.0	0.0
P.O. #:	2021044	200	199.8	199.9	0.2	0.1	0.2
		400	400.2	400.3	-0.2	-0.3	-0.2
Description:	Thermocouple	600	599.7	599.8	0.3	0.2	0.2
Type:	N	800	799.2	799.3	0.8	0.7	0.8
4 EA.	2-12N1U1	1000	999.6	999.7	0.4	0.3	0.4
4 EA.	2-24N1U1	1200	1200.2	1200.3	-0.2	-0.3	-0.2
8 EA.	2-30N1U1	1400	1400.8	1400.9	-0.8	-0.9	-0.8
8 EA.	2-32N1U1	1600	1601.4	1601.5	-1.4	-1.5	-1.4
4 EA.	2-36N1U1	1800	1800.8	1800.9	-0.8	-0.9	-0.8
		2000	2000.2	2000.3	-0.2	-0.3	-0.2
		2200	2199.6	2199.7	0.4	0.3	0.4
		2300	2299.2	2299.3	0.8	0.7	0.8
Spool Length:	1555'						
Spool #	MG22690C						
Test Date:	8/23/2021						
Job #:	253224						

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 F 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 F 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 2750F, 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-17, GEOCORP QW-001-0

NIST SENSOR: 0000001650 Calibrated: 10/2/2020 Due: 10/2/2021 Type: S	Primary Sensor: A-4339 Calibrated: 7/13/2021 Due: 7/13/2022 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 7/7/2021 Due: 7/7/2022	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: BW by: TH Issue Date: 9/13/2021
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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 °C = 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
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APPROVED SIGNATORY

Type: **N Thermocouple**

