



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 #	BB2289	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. #:	2021022	200	200.3	200.4	-0.3	-0.4	-0.4
		400	400.7	400.8	-0.7	-0.8	-0.8
Description:	Thermocouple	600	601.2	601.3	-1.2	-1.3	-1.2
Type:	N	800	800.9	801.0	-0.9	-1.0	-1.0
26 EA.	1-14N1U1	1000	1001.5	1001.6	-1.5	-1.6	-1.6
10 EA.	1-18N1U1	1200	1202.0	1202.1	-2.0	-2.1	-2.0
11 EA.	1-20N1U1	1400	1402.3	1402.4	-2.3	-2.4	-2.4
6 EA.	1-24N1U1	1600	1602.9	1603.0	-2.9	-3.0	-3.0
10 EA.	1-32N1U1	1800	1803.3	1803.4	-3.3	-3.4	-3.4
10 EA.	1-36N1U1	2000	2003.7	2003.8	-3.7	-3.8	-3.8
14 EA.	1-48N1U1	2200	2204.2	2204.3	-4.2	-4.3	-4.2
2 EA.	1-86N1U1	2300	2304.4	2304.5	-4.4	-4.5	-4.4
6 EA.	1-50N1U1						
Spool Length:	2000'						
Spool #	MG22231C						
Test Date:	4/6/2021						
Job #:	247883						

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 F 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 F 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 2750F, BAC 5621L (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-O

NIST SENSOR: 0000001650 Calibrated: 10/2/2020 Due: 10/2/2021 Type: S	Primary Sensor: A-4310 Calibrated: 2/24/2021 Due: 2/24/2022 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 7/8/2020 Due: 7/8/2021	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: BW by: TH Issue Date: 4/18/2021
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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

Noreen Roth
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APPROVED SIGNATORY

Type: N Thermocouple

