



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.

J

Calibration #	BA6119	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. #:	VERB. ROY	200	199.7	199.8	0.3	0.2	0.2
		400	399.4	399.5	0.6	0.5	0.6
Description:	Thermocouple	600	599.6	599.7	0.4	0.3	0.4
Type:	N	800	799.8	799.9	0.2	0.1	0.2
4 EA.	2-12N1U1	1000	1000.0	1000.1	0.0	-0.1	0.0
4 EA.	2-24N1U1	1200	1200.4	1200.5	-0.4	-0.5	-0.4
8 EA.	2-30N1U1	1400	1400.8	1400.9	-0.8	-0.9	-0.8
4 EA.	2-36N1U1	1600	1601.2	1601.3	-1.2	-1.3	-1.2
		1800	1801.7	1801.8	-1.7	-1.8	-1.8
		2000	2002.3	2002.4	-2.3	-2.4	-2.4
		2200	2203.0	2203.1	-3.0	-3.1	-3.0
		2300	2303.4	2303.5	-3.4	-3.5	-3.4
Spool Length:	1993'						
Spool #	MG21511C						
Test Date:	9/1/2020						
Job #:	241260						

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/NCSS 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: 292827 Calibrated: 11/22/2019 Due: 11/22/2020 Type: S	Primary Sensor: A-4263 Calibrated: 6/24/2020 Due: 6/24/2021 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: AH Issue Date: 9/15/2020
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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

Noreen Roth
NOREEN ROTH
APPROVED SIGNATORY

Type:
N Thermocouple

