



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 #	Y-5228	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	F	Point					
		32	31.8	31.8	0.2	0.2	0.2
P.O. #:	2019037	200	199.7	199.6	0.3	0.4	0.4
		400	400.3	400.2	-0.3	-0.2	-0.2
Description:	Thermocouple	600	600.6	600.6	-0.6	-0.6	-0.6
Type:	N	800	801.0	801.1	-1.0	-1.1	-1.0
14 EA.	2-36N1U1	1000	1001.3	1001.4	-1.3	-1.4	-1.4
6 EA.	2-48N1U1	1200	1201.5	1201.7	-1.5	-1.7	-1.6
		1400	1401.5	1401.6	-1.5	-1.6	-1.6
		1600	1601.2	1601.3	-1.2	-1.3	-1.2
		1800	1800.6	1800.7	-0.6	-0.7	-0.6
		2000	2000.5	2000.6	-0.5	-0.6	-0.6
		2200	2199.9	2200.0	0.1	0.0	0.0
		2300	2299.5	2299.6	0.5	0.4	0.4
Spool #	MG19575C						
Test Date:	1/21/2019						
Job #	223011						

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, RPS 953, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-13, ASTM E230/E230M-17, GEOCORP QW-001-0

NIST SENSOR: 290651 Calibrated: 1/4/2018 Due: 1/4/2019 Type: S	Primary Sensor: A-4083 Calibrated: 11/28/2018 Due: 11/28/2018 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 10/22/2018 Due: 10/22/2019	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: bw by: DF
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Estimated uncertainty, k=2, 95%
 Thermocouple Types-K and N: -196° C to <0° C = .71° C; 0° C to 1093 = .89° C; >1093 to 1344 = 1.9° C
 Thermocouple Type-J: -196° C to <0° C = .70° C; 0° C to 760° C = .88° C

Noreen Roth
 NOREEN ROTH
 APPROVED SIGNATORY

