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GeoCorp, Inc.

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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



NVLAP LAB CODE: 200496-0
NVLAP is a U.S. Government entity
administered by the NIST, an agency
of the Department of Commerce.

Calibration #	P-2293	Temperature	Reading		Correction		ASTM E29 AVG.
Degree: °	F	Point	FRONT	BACK	FRONT	BACK	CORRECTION
		100	99.6	99.5	0.4	0.5	0.4
P.O. #:	344963	300	299.3	299.2	0.7	0.8	0.8
		500	499.0	498.8	1.0	1.2	1.1
Description: Type: N Thermocouple 4 EA 2-18N1U1 (1/8" X 18") 12 EA 2-24N1U1 (1/8" X 24") 8 EA 2-30N1U1 (1/8" X 30") 4 EA 2-36N1U1 (1/8" X 36") 6 EA 2-48N1U1 (1/8" X 48")		700	699.1	699.0	0.9	1.0	1.0
		900	899.7	899.6	0.3	0.4	0.4
		1100	1099.4	1099.5	0.6	0.5	0.6
		1300	1298.9	1299.1	1.1	0.9	1.0
		1500	1498.5	1498.7	1.5	1.3	1.4
		1700	1698.0	1697.9	2.0	2.1	2.0
		1900	1897.5	1897.3	2.5	2.7	2.6
		2000	1997.2	1997.0	2.8	3.0	2.9
Spool #	MG12431C						
Test Date:	2/26/2015						
Job #	168527						

This Item meets ASTM E230 ☒ Special Limits ☐ Standard Limits ☒ New Calibration ☐ Recalibration
☒ BAC 5621 K, Table IV +/- 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 K, Table IV, 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 5621K (no PSD's), ANSI/NCSL Z540-1, ISO 10012, ISO 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-12, GEOCORP QW-001-M

NIST SENSOR: 286134 Calibrated: 12/3/2014 Due: 12/3/2015 Type: S	Working Std: A-3602 Calibrated: 1/17/2015 Due: 1/17/2016 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 8/13/2014 Due: 8/13/2015	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: wc by: ck
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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
APPROVED SIGNATORY

Type: N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

