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GeoCorp, Inc.

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GeoCorp Industrial Controls, Inc.
9010 River Road • Huron, Ohio 44839
P: 419-433-1101 F: 419-433-1102
www.geocorpinc.com
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 #	J-5357 °F <input checked="" type="checkbox"/> °C <input type="checkbox"/>	Temperature Point	READING		CORRECTION	
			FRONT	BACK	FRONT	BACK
		100	100.2	100.3	-0.2	-0.3
P.O. #:	344124	300	300.8	300.9	-0.8	-0.9
		500	501.3	501.4	-1.3	-1.4
Description: Type: N Thermocouple 12 ea. 2-14N1U1 (1/8" x 14") 12 ea. 2-24N1U1 (1/8" x 24") 16 ea. 2-32N1U1 (1/8" x 32") 18 ea. 2-36N1U1 (1/8" x 36") 2 ea. 2-42N1U1 (1/8" x 42") 4 ea. 2-48N1U1 (1/8" x 48") 2 ea. 2-96N1U1 (1/8" x 96")		700	701.8	701.9	-1.8	-1.9
		900	902.3	902.5	-2.3	-2.5
		1100	1102.8	1103.0	-2.8	-3.0
		1300	1303.5	1303.7	-3.5	-3.7
		1500	1504.0	1504.1	-4.0	-4.1
		1700	1704.0	1704.2	-4.0	-4.2
		1900	1903.3	1903.3	-3.3	-3.3
Spool #	MG7717A					
Test Date:	3/27/2012					

This Item meets ASTM E230 ☒ Special Limits ☐ Standard Limits ☒ New Calibration ☐ Recalibration
☐ BAC 5621 K, Table IV +/- 2° to 1000°, 0.4% above ☐ AMS 2750 D Noble Metal +/- 1° or 0.1%
☐ BAC 5621 K, Table IV, FL 4 +/- 2° or 0.4% ☒ AMS 2750 D Base Metal +/- 2° or 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750D, BAC 5621K (no PSD's), ANSI/NC SL 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 E220-07A, ASTM E230/E230M-11, GEOCORP QW-001-L

NIST SENSOR: 281831 Calibrated: 1/26/2012 Due: 1/26/2013 Type: S	Working Std: A-3309 Calibrated: 3/17/2012 Due: 3/17/2013 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 12/30/2011 Due: 12/30/2012	Humidity: 40% Nominal Ambient Temp.: 72° F Immersion Depth: 24"
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Degree of uncertainty is estimated not to exceed the following, with K=2, 95%
 Thermocouple Type-N: -196° C to < 0° C = .71° C;
 0° C to 1093 = .89° C; >1093 to 1344 = 1.9° C

Technician: wc
Prepared by: jd

Noreen Roth
Noreen Roth
APPROVED SIGNATORY

TYPE N THERMOCOUPLE GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

