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# Cover Page

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www.geocorpinc.com  
 9010 River Road • Huron, Ohio 44839  
 P: 419-433-1101 F: 419-433-1102  
 17025 Accredited Lab

**Certificate of Calibration & Compliance For:**  
**Accurate Calibration & Repair Service, 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 #	K-9602	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		100	100.1	100.2	-0.1	-0.2	-0.2
P.O. #:	344184	300	300.3	300.4	-0.3	-0.4	-0.4
		500	500.6	500.7	-0.6	-0.7	-0.6
Description: Type: N Thermocouple 18 ea. 2-14N1U1 (1/8" x 14") 4 ea. 2-18N1U1 (1/8" x 18") 4 ea. 2-20N1U1 (1/8" x 20") 6 ea. 2-24N1U1 (1/8" x 24") 2 ea. 2-28N1U1 (1/8" x 28") 8 ea. 2-32N1U1 (1/8" x 32") 35 ea. 2-36N1U1 (1/8" x 36") 4 ea. 2-48N1U1 (1/8" x 48") 2 ea. 2-54N1U1 (1/8" x 54") 2 ea. 2-96N1U1 (1/8" x 96")		700	701.0	701.0	-1.0	-1.0	-1.0
		900	901.5	901.5	-1.5	-1.5	-1.5
		1100	1101.9	1102.1	-1.9	-2.1	-2.0
		1300	1302.4	1302.5	-2.4	-2.5	-2.4
		1500	1502.4	1502.3	-2.4	-2.3	-2.4
		1700	1701.7	1701.6	-1.7	-1.6	-1.6
		1900	1900.8	1900.7	-0.8	-0.7	-0.8
Spool #	MG9264C						
Test Date:	5/31/2013						

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/NCSS 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-12, GEOCORP QW-001-L

NIST SENSOR: 283413 Calibrated: 1/22/2013 Due: 1/22/2014 Type: S	Working Std: A-3431 Calibrated: 4/27/2013 Due: 4/27/2014 Type: S	Instrument: Keithley 2701 S/N: 1030819 Calibrated: 11/30/2012 Due: 11/30/2013	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: bw by: jd
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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

**Type: N Thermocouple**

