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GeoCorp, Inc.

# 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 Services, 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 #	N-5871	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree: °	F	Point					
		100	100.4	100.3	-0.4	-0.3	-0.4
P.O. #:	344242	300	300.7	300.7	-0.7	-0.7	-0.7
		500	501.1	501.2	-1.1	-1.2	-1.2
Description: Type: N Thermocouple 12 ea. 2-24N1U1 (1/8" x 24") 8 ea. 2-30N1U1 (1/8" x 30") 25 ea. 2-36N1U1 (1/8" x 36") 6 ea. 2-48N1U1 (1/8" x 48")		700	700.8	700.9	-0.8	-0.9	-0.8
		900	900.3	900.3	-0.3	-0.3	-0.3
		1100	1100.4	1100.3	-0.4	-0.3	-0.4
		1300	1301.0	1300.9	-1.0	-0.9	-1.0
		1500	1500.8	1500.8	-0.8	-0.8	-0.8
		1700	1699.6	1699.7	0.4	0.3	0.4
		1900	1898.6	1898.8	1.4	1.2	1.3
		2000	1998.1	1998.3	1.9	1.7	1.8
Spool #	MG11799C						
Test Date:	9/5/2014						
Job #	156427						

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: 284567 Calibrated: 12/11/2013 Due: 12/11/2014 Type: S	Working Std: A-3549 Calibrated: 8/16/2014 Due: 8/16/2015 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: 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

