9010 River Road Huron, OH 44839 Ph: 419-433-1101 Fax: 419-433-1102 www.geocorpinc.com

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 Calib. & Repair Serv., Inc 1924 Pinnacle Dr. Aurora, IL 60502



NVLAP LAB CODE: 200496-0

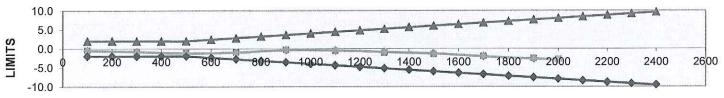
NVLAP is a U.S. Government entity administered by the NIST, an agency of the Department of Commerce.

Calibration #	P-2293	Temperature Point	Reading		Correction			ASTM E29 AVG		
			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		
	<u> </u>	500	499.0	498.8	1.0	1.2		1.1		
Description:		700	699.1	699.0	0.9	1.0		1.0		
Type: N Thermocouple 4 EA 2-18N1U1		900	899.7	899.6	0.3	0.4		0.4		
		1100	1099.4	1099.5	0.6	0.5		0.6		
(1/8" X 18")		1300	1298.9	1299.1	1.1	0.9		1.0		
12 EA 2-24N1U1		1500	1498.5	1498.7	1.5	1.3		1.4		
(1/8" X 24")		1700	1698.0	1697.9	2.0	2.1		2.0		
8 EA 2-30N1U1		1900	1897.5	1897.3	2.5	2.7	7	2.6		
(1/8" X 30")		2000	1997.2	1997.0	2.8	3.0	-	2.9		
4 EA 2-36N1L	11	2000	1007.2	1007.0	2.0	0.0	1	2.0		
(1/8" X 36")	2.1				1		+			
6 EA 2-48N1L	11									
(1/8" X 48")	2 1									
(170 / 40)								E a sugar a tree		
							1 -			
Spool#	MG12431C									
					1 1					
Test Date:	2/26/2015									
Job#	168527									
		1			1					
This Item meets A	STM E230	Special Limits	☐ Standar	d Limits	New Ca	alibration	☐ Red	calibration		
BAC 5621 K, T	able IV +/- 2 °F (+/- 1.	1° C) to 1000° F, 0.4%	6 above		☐ AMS 27	50 E Noble I	Metal +/- 1° F ( +	/- 0.6 ° C) or 0.1%		
	able IV, FL 4 +/- 2 °F							1.1 ° C) or 0.4%		
	uipment used for this te							e occuence		
	0-1, ISO 10012, ISO 17				re traceable to	standards n	naintained at the	NIST.		
	per ASTM E220-13, A						I., 0			
NIST SENSOR: 286134				The second secon	Instrument: Keithley 2701		Humidity:	40% Nominal		
Calibrated: 12/3/2014			Calibrated: 1/17/2015		S/N: 1118487 Calibrated: 8/13/2014		Ambient Temp 72° F Immersion Depth: 24"			
Due: 12/3/2015 Type: S		Due: 1/17/2016 Type: S			Due: 8/13/2015		tech: wc by: ck			
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								Noreen Roth		
Thermocouple Type-J: -196° C to < 0° C = .70° C; 0° C to 760° C = .88° C								APPROVED SIGNATORY		



## **GRAPH DATA**

### VARIATION FROM TRUE TEMPERATURE



RANGE

Front Actual —Back Actual —Upper Limit —Lower Limit