



**Certificate of Calibration & Compliance For:**  
**ACCURATE CALIB. & REPAIR SERV., INC**  
 1924 PINNACLE DR.  
 AURORA, IL 60502



CALIBRATION  
 NVLAP LAB CODE: 200496-0

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

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

*J*

Calibration #	Z-5752	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		200	200.6	200.7	-0.6	-0.7	-0.6
P.O. #:	VERBAL ROY	400	401.4	401.4	-1.4	-1.4	-1.4
		600	601.5	601.5	-1.5	-1.5	-1.5
Description:	Thermocouple Wire	700	701.2	701.3	-1.2	-1.3	-1.2
TYPE	K	800	801.2	801.3	-1.2	-1.3	-1.2
1000'	K20-2-HR	900	901.5	901.6	-1.5	-1.6	-1.6
		1000	1001.9	1002.0	-1.9	-2.0	-2.0
		1100	1102.4	1102.5	-2.4	-2.5	-2.4
		1200	1202.9	1203.0	-2.9	-3.0	-3.0
		1400	1403.8	1403.8	-3.8	-3.8	-3.8
		1600	1604.5	1604.4	-4.5	-4.4	-4.4
		1800	1804.9	1804.8	-4.9	-4.8	-4.8
		2000	2005.2	2005.0	-5.2	-5.0	-5.1
		2100	2105.5	2105.3	-5.5	-5.3	-5.4
		2300	2306.3	2306.1	-6.3	-6.1	-6.2
Spool #	GK90919-3-8B						
Test Date:	10/26/2019						
Job #:	230313						

This item meets ASTM E230  Special Limits  Standard Limits  New Calibration  Recalibration  
 BAC 5621 L, Table V +/- 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 L, Table V, 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 5621L (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-17, GEOCORP QW-001-O

NIST SENSOR: 292627 Calibrated: 12/21/2018 Due: 12/21/2019 Type: S	Primary Sensor: A-4181 Calibrated: 10/18/2019 Due: 10/18/2020 Type: S	Primary Inst: Keithley 2701 S/N: 1212892 Calibrated: 8/14/2019 Due: 8/14/2020	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: BW by: BW Issue Date: 10/26/2019
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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  
**K Thermocouple Wire**

