

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

GeoCorp, Inc.

Cover Page

To:

From:

Attn:

Pages:

Fax or
e-mail

Date:

Urgent For Review Please Comment Please Reply Please Recycle

•Comments:

The calibration information contained in this transmission is a controlled document and is intended for the use of the individual(s) to whom it is addressed, and may contain information that is privileged, and confidential. You are hereby notified that any dissemination, distribution, or copying of this transmission is strictly prohibited. If you are not the intended recipient, or responsible for the delivery to the intended recipient, you must notify the sender immediately at the phone or fax number provided above.



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.

Calibration #	S-9686	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			Point	FRONT	BACK	FRONT	
Degree:	° F						
P.O. #:	2017015	100	100.1	100.1	-0.1	-0.1	-0.1
Description: TYPE-K THERMOCOUPLE WIRE K20-2-HG 1000'		200	200.2	200.1	-0.2	-0.1	-0.2
		400	400.2	400.2	-0.2	-0.2	-0.2
		600	600.9	600.8	-0.9	-0.8	-0.8
		700	701.3	701.2	-1.3	-1.2	-1.2
		800	801.6	801.6	-1.6	-1.6	-1.6
		900	901.7	901.8	-1.7	-1.8	-1.8
		1000	1001.9	1002.0	-1.9	-2.0	-2.0
		1100	1102.6	1102.8	-2.6	-2.8	-2.7
		1200	1203.1	1203.3	-3.1	-3.3	-3.2
		1400	1404.2	1404.1	-4.2	-4.1	-4.2
		1600	1604.8	1604.5	-4.8	-4.5	-4.6
		1800	1805.3	1805.0	-5.3	-5.0	-5.2
Spool #	GK61223-4-13						
Test Date:	2/6/2017						
Job #:	190906						

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 Z540-3, ISO 10012, ISO/IEC 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-N

NIST SENSOR: 288994 Calibrated: 8/26/2016 Due: 8/26/2017 Type: S	Working Std: A-3832 Calibrated: 12/29/2016 Due: 12/29/2017 Type: S	Instrument: Keithley 2701 S/N: 1030819 Calibrated: 8/2/2016 Due: 8/2/2017	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: CT by: CT
---	---	--	---

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

[Signature]
NOREEN ROTH
 APPROVED SIGNATORY

TYPE-K THERMOCOUPLE WIRE

