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GeoCorp, Inc.

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



CALIBRATION
NVLAP LAB CODE: 200496-0

GeoCorp, Inc.
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 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 #	W-2584	Temperature	Reading		Correction		ASTM E29 AVG CORRECTION
			Point	FRONT	BACK	FRONT	
Degree:	° F						
		100	100.4	100.4	-0.4	-0.4	-0.4
P.O. #:	2018005	200	200.5	200.6	-0.5	-0.6	-0.6
		400	400.7	400.8	-0.7	-0.8	-0.8
Description: TYPE-K THERMOCOUPLE WIRE K20-2-HG 1000'		600	600.8	600.8	-0.8	-0.8	-0.8
		700	700.8	700.9	-0.8	-0.9	-0.8
		800	800.9	800.9	-0.9	-0.9	-0.9
		900	901.4	901.4	-1.4	-1.4	-1.4
		1000	1001.9	1001.9	-1.9	-1.9	-1.9
		1100	1102.4	1102.4	-2.4	-2.4	-2.4
		1200	1202.8	1202.8	-2.8	-2.8	-2.8
		1400	1403.6	1403.6	-3.6	-3.6	-3.6
		1600	1604.2	1604.2	-4.2	-4.2	-4.2
		1800	1804.8	1804.8	-4.8	-4.8	-4.8
Spool #	GK71208-9-5						
Test Date:	1/26/2018						
Job #:	204705						

This item meets ASTM E230 Special Limits Standard Limits New Calibration Recalibration
 BAC 5621 L, 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 L, 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 5621L (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-17, GEOCORP QW-001-N

NIST SENSOR: 289919 Calibrated: 5/5/2017 Due: 5/5/2018 Type: S	Primary Sensor: A-3968 Calibrated: 12/12/2017 Due: 12/12/2018 Type: S	Primary Inst: Keithley 2701 S/N: 1118487 Calibrated: 8/16/2017 Due: 8/16/2018	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: CG by: CG
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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

Curtis Templeton
CURTIS TEMPLETON
 APPROVED SIGNATORY

TYPE-K THERMOCOUPLE WIRE

