GeoCorp, Inc.
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9010 River Road ▪ Huron, Ohio 44839
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17025 Accredited Lab

Certificate of Calibration & Compliance For:

ACCURATE CALIB. & REPAIR SERV., INC.
1924 PINNACLE DR.
AURORA, IL 60502

CALIBRATION
NVLAP LAB CODE: 200496-0

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

Calibration #	BA1664	Temperature	Reading		Correction			ASTM E29 AVG.
Degree: °	F	Point	FRONT	BACK	FRONT	BACK		CORRECTION
		100	100.2	100.2	-0.2	-0.2		-0.2
P.O. #:	2020014	200	200.5	200.5	-0.5	-0.5		-0.5
		400	401.2	401.2	-1.2	-1.2		-1.2
Description:	Thermocouple Wire	600	600.9	600.8	-0.9	-0.8		-0.8
TYPE	K	700	701.0	701.0	-1.0	-1.0		-1.0
1000'	K20-2-HG	800	801.2	801.2	-1.2	-1.2		-1.2
		900	901.5	901.5	-1.5	-1.5		-1.5
		1000	1001.8	1001.8	-1.8	-1.8		-1.8
		1100	1102.2	1102.2	-2.2	-2.2		-2.2
		1200	1202.6	1202.6	-2.6	-2.6		-2.6
		1400	1403.4	1403.5	-3.4	-3.5		-3.4
		1600	1604.3	1604.4	-4.3	-4.4		-4.4
		1800	1805.1	1805.1	-5.1	-5.1		-5.1
Spool #	GK00313-2-6							
Test Date:	4/2/2020							
Job #:	236290							

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

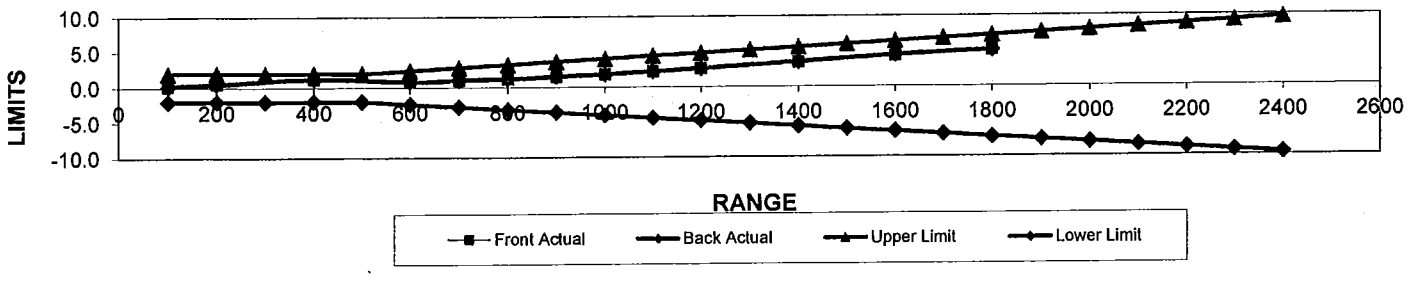
NIST SENSOR: 292827	Primary Sensor: A-4225	Primary Inst: Keithley 2701	Humidity: 40% Nominal
Calibrated: 11/22/2019	Calibrated: 2/4/2020	S/N: 1212892	Ambient Temp 72° F
Due: 11/22/2020	Due: 2/4/2021	Calibrated: 8/14/2019	Immersion Depth: 24"
Type: S	Type: S	Due: 8/14/2020	tech: BW by: BW
			Issue Date: 4/2/2020

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
APPROVED SIGNATORY

TYPE
K Thermocouple Wire

GRAPH DATA ***VARIATION FROM TRUE TEMPERATURE***



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