GeoCorp, Inc.
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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 #	BA6926	Temperature	Reading		Correction			ASTM E29 AVG.
Degree: °	F	Point	FRONT	BACK	FRONT	BACK		CORRECTION
		32	32.0	32.0	0.0	0.0		0.0
P.O. #:	VERB. ROY	200	200.0	200.1	0.0	-0.1		0.0
		400	400.3	400.4	-0.3	-0.4		-0.4
Description:	Thermocouple	600	600.2	600.3	-0.2	-0.3		-0.2
Type:	N	800	800.4	800.5	-0.4	-0.5		-0.4
26 EA.	1-14N1U1	1000	1000.8	1000.9	-0.8	-0.9		-0.8
14 EA.	1-18N1U1	1200	1201.2	1201.3	-1.2	-1.3		-1.2
10 EA.	1-20N1U1	1400	1401.6	1401.7	-1.6	-1.7		-1.6
6 EA.	1-24N1U1	1600	1601.9	1602.0	-1.9	-2.0		-2.0
2 EA.	1-30N1U1	1800	1802.5	1802.6	-2.5	-2.6		-2.6
10 EA.	1-32N1U1	2000	2003.4	2003.5	-3.4	-3.5		-3.4
10 EA.	1-36N1U1	2200	2204.2	2204.3	-4.2	-4.3		-4.2
12 EA.	1-48N1U1	2300	2304.5	2304.6	-4.5	-4.6		-4.6
2 EA.	1-52N1U1							
2 EA.	1-62N1U1							
2 EA.	1-86N1U1							
Spool Length:	1871'							
Spool #	MG21641C							
Test Date:	9/29/2020							
Job #:	241260							

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
☐ BAC 5621 L, Table V, FL 4 +/- 2 °F (+/- 1.1° C) or +/- 0.4%
☐ AMS 2750 F Noble Metal +/- 1° F (+/- 0.6 ° C) or +/-0.1%
☒ AMS 2750 F 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 2750F, 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-4261	Primary Inst: Keithley 2701	Humidity: 40% Nominal
Calibrated: 11/22/2019	Calibrated: 6/24/2020	S/N: 1212892	Ambient Temp 72° F
Due: 11/22/2020	Due: 6/24/2021	Calibrated: 7/8/2020	Immersion Depth: 24"
Type: *S*	Type: *S*	Due: 7/8/2021	tech: BW by: TH
			Issue Date: 10/1/2020

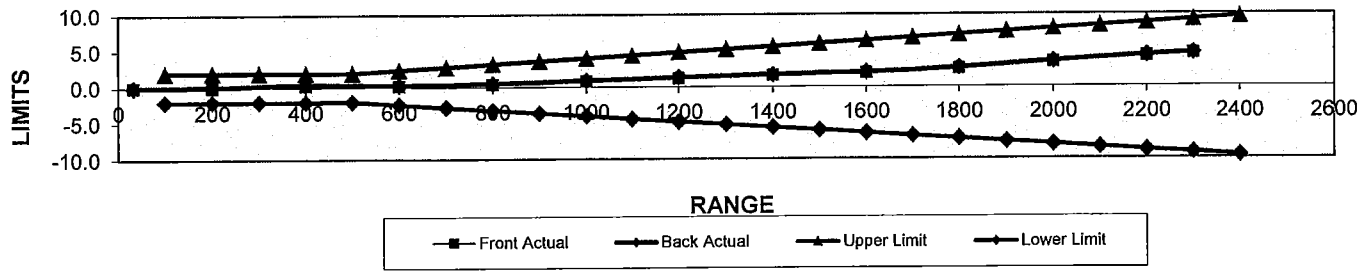
Estimated uncertainty, *k* =2, 95 %
Thermocouple Types-K *and* N: -196 °C to < 0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 to 1344 = 1.9 °C
Thermocouple Type-J: -196 °C to < 0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C

NOREEN ROTH
APPROVED SIGNATORY

Type:
N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE



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