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GeoCorp, Inc.

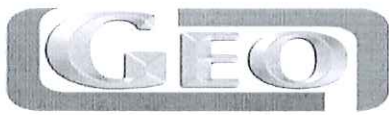
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9010 River Road • Huron, Ohio 44839

P: 419-433-1101 F: 419-433-1102

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 #	S-7690	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			Point	FRONT	BACK	FRONT	
Degree: °	F						
		32	31.8	31.9	0.2	0.1	0.2
P.O. #:	VERBAL ROY	200	199.8	199.7	0.2	0.3	0.2
		400	400.8	400.6	-0.8	-0.6	-0.7
Description:		600	600.4	600.3	-0.4	-0.3	-0.4
Type: N Thermocouple		800	800.0	800.1	0.0	-0.1	0.0
22 ea. 1-14N1U1		1000	1001.1	1001.2	-1.1	-1.2	-1.2
10 ea. 1-20N1U1		1200	1202.4	1202.4	-2.4	-2.4	-2.4
14 ea. 1-18N1U1		1400	1401.3	1401.4	-1.3	-1.4	-1.4
10 ea. 1-24N1U1		1600	1601.5	1601.5	-1.5	-1.5	-1.5
10 ea. 1-32N1U1		1800	1801.2	1801.1	-1.2	-1.1	-1.2
10 ea. 1-36N1U1		2000	2001.1	2001.0	-1.1	-1.0	-1.0
20 ea. 1-48N1U1		2200	2202.2	2202.1	-2.2	-2.1	-2.2
4 ea. 1-50N1U1		2350	2353.3	2353.1	-3.3	-3.1	-3.2
4 ea. 1-66N1U1							
2 ea. 1-96N1U1							
Spool #	MG16796C						
Test Date:	12/16/2016						
Job #	188802						

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-3822 Calibrated: 11/16/2016 Due: 11/16/2017 Type: S	Instrument: Keithley 2701 S/N: 1118487 Calibrated: 8/23/2016 Due: 8/23/2017	Humidity: 40% Nominal Ambient Temp: 72° F Immersion Depth: 24" tech: bw by: ck
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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

Mike Fries
Mike Fries
APPROVED SIGNATORY

Type: N Thermocouple

GRAPH DATA

VARIATION FROM TRUE TEMPERATURE

