National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ANSI/NCSL Z540-1-1994
ISO 9002:1987

Scope of Accreditation

CALIBRATION LABORATORIES **NVLAP LAB CODE 200496-0**

GEOCORP INDUSTRIAL CONTROLS, INC.
9010 River Road
Huron, OH 44839
Mr. Niel Fleetwood
Phone: 419-433-1101 Fax: 419-433-1102
E-Mail: nfleetwood@geocorpinc.com
URL: http://www.geocorpinc.com

THERMODYNAMICS

NVLAP Code: 20/T08
Thermocouples

Range	*Best Uncertainty (±) °F*[note 1]	*Remarks*[note 2]
32 to 2650	0.77	Type B
32 to 2650	0.72	Type C
32 to 1830	0.70	Type E
32 to 1400	0.70	Type J
32 to 2500	0.70	Type K
32 to 2370	0.70	Type N
32 to 2650	0.72	Type R
32 to 2650	0.72	Type S
32 to 750	0.69	Type T

September 30, 2003

Effective through

David F. Alderman

For the National Institute of Standards and Technology

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Range in °C	*Best Uncertainty (±) in °C*[note 1]	*Remarks*
0 to 1454	0.43	Type B
0 to 1454	0.40	Type C
0 to 1000	0.39	Type E
0 to 760	0.39	Type J
0 to 1327	0.39	Type K
0 to 1300	0.39	Type N
0 to 1454	0.40	Type R
0 to 1451	0.40	Type S
0 to 400	0.38	Type T

1. Represents an expanded uncertainty using a coverage factor, k=2.
2. Thermocouple Types above are defined as per ANSI-MC 96.1 except for Type C. Type C is Tungsten 5% Rhenium vs. Tungsten 26% Rhenium.

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