

## Scope of Accreditation For Thomas Industrial Services, Inc

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Thomas Industrial Services, Inc** to perform the following Calibrations:

Accreditation granted through: **April 15, 2011**

### Calibration

#### Thermodynamic – Thermocouples


Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) <sup>2</sup>	Remarks
Thermocouple Type “B” <sup>1,2</sup>	537 °C to 1 815 °C	0.55 °C	Multifunction calibrator and electronic thermometer

#### Thermodynamic – Thermodynamic Devices (all)

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) <sup>2</sup>	Remarks
Thermodynamic Temperature Measurements <sup>1,2</sup>	0 °C to 1 149 °C	0.55 °C	Comparison performed with a process calibrator and type “K” or “J” thermocouple
Temperature Uniformity Surveys <sup>1,2</sup>	0 °C to 1 149 °C	0.55 °C	Comparison performed with a data logging device

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Best uncertainties, expressed as a percentage of the applied test load, represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.

Approved by:  Date: January 15, 2008

R. Douglas Leonard  
Chief Technical Officer

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