

Scope of Accreditation For Pyrometer Equipment Company, Inc

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Pyrometer Equipment Company, Inc** to perform the following Calibrations:

Accreditation granted through: **July 18, 2008**

Calibration

Electricity and Magnetism – Electrical Temperature Simulation

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
Temperature Calibrators			
Type “K” T/C	-200 °C to 1370 °C	1.1 °C	Precision Calibrator
Type “J” T/C	-200 °C to 1000 °C	1.1 °C	
Type “N” T/C	0 °C to 1300 °C	1.2 °C	
Type “T” T/C	-200 °C to 400 °C	1.3 °C	
Type “R” T/C	0 °C to 1760 °C	3.6 °C	
Type “S” T/C	0 °C to 1760 °C	3.9 °C	
Temperature Uniformity Surveys			
Type “K” T/C	0 °C to 200 °C	1.8 °C	Honeywell DPR 3000 Rec.
Type “J” T/C	0 °C to 1000 °C	1.4 °C	
Type “N” T/C	0 °C to 1300 °C	2.3 °C	
Type “T” T/C	-200 °C to 400 °C	3 °C	

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
Temperature System Accuracy Tests			
Type "K" T/C	0 °C to 1200 °C	0.8 °C	Precision Calibrator & T/C
Type "J" T/C	0 °C to 1000 °C	0.6 °C	
Type "N" T/C	0 °C to 1300 °C	0.8 °C	
Type "T" T/C	-200 °C to 400 °C	1 °C	

Electricity and Magnetism – Voltage

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
DC Volts	0 V to 100 V	0.64 mV	Secondary Standard
	0 mV to 100 mV	9.52 μV	

Electricity and Magnetism – Current

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
DC Current	0 mA to 100 mA	0.7 μA	Secondary Standard

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: _____



 R. Douglas Leonard
Chief Technical Officer

 Date: August 20, 2007

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