

Scope of Accreditation For Pyrometer Equipment Company, Inc

15 Lance Road
Lebanon, NJ 08833
Stephen Bugglin
201-998-0904

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: **October 14, 2011**

Calibration

Electricity and Magnetism – Electrical Temperature Simulation

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
Temperature Calibrators			Calibrations Performed with a Universal Thermocouple Calibrator Per AMS 2750, BAC 5621
Type "K" T/C	-328 °F to 2 500 °F	0.4 °F	
Type "J" T/C	-328 °F to 2 190 °F	0.4 °F	
Type "N" T/C	0 °F to 2 370 °F	0.4 °F	
Type "T" T/C	-340 °F to 752 °F	0.4 °F	
Type "R" T/C	0 °F to 3 200 °F	1.2 °F	
Type "S" T/C	0 °F to 3 200 °F	1.2 °F	
Temperature Uniformity Surveys			Universal Multi-Point Recorder and Test Thermocouples as Per ASM 2750 & BAC 5621
Type "K" T/C	200 °F to 1 000 °F 1 000 °F to 2 000 °F 2 000 °F to 2 300 °F	3.5 °F 3.6 °F 4 °F	
Type "J" T/C	100 °F to 1 000 °F 1 000 °F to 1 500 °F	2.8 °F 2.8 °F	
Type "N" T/C	200 °F to 1 000 °F 1 000 °F to 2 000 °F 2 000 °F to 2 300 °F	3.1 °F 3.2 °F 3.9 °F	
Type "T" T/C	-300 °F to 300 °F	2.3 °F	

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
Temperature System Accuracy Tests			
Type "K" T/C	200 °F to 1 000 °F 1 000 °F to 2 000 °F 2 000 °F to 2 300 °F	2.1 °F 2.3 °F 2.8 °F	Universal Calibrator and Test Thermocouple as Per AMS 2750 & BAC 5621
Type "J" T/C	100 °F to 1 000 °F	2.1 °F	
Type "N" T/C	200 °F to 2 000 °F 2 000 °F to 2 300 °F	2.1 °F 3 °F	
Type "T" T/C	-300 °F to 300 °F	2.1 °F	
Temperature Indicators			
Type "K" T/C	-328 °F to 2 500 °F	2.4 °F	Calibrations Performed with a Universal Thermocouple Calibrator Per AMS 2750 & BAC 5621
Type "J" T/C	-328 °F to 2 190 °F	2.4 °F	
Type "N" T/C	0 °F to 2 370 °F	2.4 °F	
Type "T" T/C	-340 °F to 752 °F	2.4 °F	
Type "R" T/C	0 °F to 3 200 °F	3.7 °F	
Type "S" T/C	0 °F to 3 200 °F	3.7 °F	

Electricity and Magnetism – Voltage

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
DC Volts	0 mV to 330 mV	577 μV/V + 1 μV	Multifunction Calibrator
	0 V to 33 V	577 μV/V + 20 μV	
	30 V to 330 V	577 μV/V + 150 μV	

Electricity and Magnetism – Current

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
DC Current	0 mA to 330 mA	577 μ A/A + 2.5 μ A	Multifunction Calibrator

Notes:

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



Approved: _____

Date: October 14, 2008

R. Douglas Leonard
Chief Technical Officer

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