

PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc., has assessed the Laboratory of:

***Calibration & Technical Services
524 Adventurous Shield
Lewisville, TX 75056***

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025: 2005

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-PLAC-IAF Communiqué dated January 2009):

***Calibration of Temperature Devices and Certification of Furnace
Workzone Temperature (As detailed in the supplement)***

Such testing and/or calibration services shall only be offered at or from the address given above. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

The validity of this certificate is mandated through ongoing surveillance.

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
26555 Evergreen, Suite 1325
Southfield, Michigan 48076

Initial Accreditation Date:
January 23, 2009

Issue Date:
January 23, 2009

Expiration Date:
January 22, 2011

Accreditation No.:
62244

Certificate No.:
L09-4

Page No.:
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Certificate of Accreditation: Supplement

Calibration & Technical Services
524 Adventurous Shield
Lewisville, TX 75056

Accreditation is granted to this facility to perform the following calibrations:

Electrical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Electrical Simulation of Temperature Type T	-251 °C to 400 °C	1.2 °C	PIE 522 Calibrator AMS 2750
Electrical Simulation of Temperature Type K	-245 °C to 1 327 °C	1.2 °C	
Electrical Simulation of Temperature Type J	-210 °C to 1 200 °C	0.45 °C	
Electrical Simulation of Temperature Type R	29 °C to 1 768 °C	1.1 °C	
Electrical Simulation of Temperature Type S	21 °C to 1 768 °C	1.1 °C	
Electrical Simulation of Temperature Type N	-229 °C to 1 300 °C	1.2 °C	
Electrical Simulation of Temperature Type B	599 °C to 1 820 °C	1.2 °C	
Electrical Simulation of Temperature Type E	-260 °C to 1 000 °C	1.2 °C	

Thermodynamic

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Temperature measurement Type N	93 °C to 1 204 °C	2 °C	PIE 522 Calibrator
Uniformity Survey Type T	-196 °C to 400 °C	2.0 °C	Honeywell HC 900 Extech CMM-17
Uniformity Survey Type K	-196 °C to 1 327 °C		
Uniformity Survey Type J	-196 °C to 1 200 °C		
Uniformity Survey Type R	29 °C to 1 768 °C		
Uniformity Survey Type S	21 °C to 1 768 °C		
Uniformity Survey Type N	-196 °C to 1 300 °C		
Uniformity Survey Type B	599 °C to 1 820 °C		
Uniformity Survey Type E	-196 °C to 1 000 °C		

- Remarks: This column shall include pertinent information about the calibration of the Measured Instrument or parameter. The information should include the type of standards used and any pertinent information about the measurement method. This column is not to be used for commercial advertisement of laboratory services.