



THE AMERICAN ASSOCIATION FOR  
LABORATORY ACCREDITATION

## ACCREDITED LABORATORY

A2LA has accredited

**TE WIRE & CABLE**

**Saddle Brook, NJ**

for technical competence in the field of

### Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).



Presented this 4<sup>th</sup> day of December 2008.

A handwritten signature in cursive script, reading "Peter Abney".

President  
For the Accreditation Council  
Certificate Number 2792.01  
Valid to January 31, 2011

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**  
**& ANSI/NCSL Z540-1-1994**

TE WIRE & CABLE  
 107 North Fifth Street  
 Saddle Brook, NJ 07663  
 Dante Bediones Phone: 201 845 9400 ext. 6650

**CALIBRATION**

Valid To: January 31, 2011

Certificate Number: 2792.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

**I. Thermodynamics**

Parameter/Equipment	Range	Best Uncertainty <sup>2</sup> (±)	Comments
<b>Thermocouple Calibration –</b>			<b>Comparison To</b>
Type B	0 °C to 1400 °C	2.0 °C	Reference thermocouple
Type E	-196 °C to 0 °C 0 °C to 1000 °C	0.5 °C 1.1 °C	SPRT Reference thermocouple
Type J	-196 °C to 0 °C 0 °C to 750 °C	0.3 °C 1.0 °C	SPRT Reference thermocouple
Type K & N	-196 °C to 0 °C 0 °C to 1100 °C 1100 °C to 1400 °C	0.5 °C 1.3 °C 2.0 °C	SPRT Reference thermocouple Reference thermocouple
Type R & S	0 °C to 1400 °C	2.0 °C	Reference thermocouple
Type T	-196 °C to 0 °C 0 °C to 400 °C	0.5 °C 0.5 °C	SPRT Reference thermocouple