The American Association for Laboratory Accreditation

World Class Accreditation

# *Accredited Laboratory*

A2LA has accredited

# TRIALON CORPORATION
# RELIABILITY TECHNICAL CENTER

*Kokomo, IN*

for technical competence in the field of

## Calibration Testing

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 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 8 January 2009*).


Presented this 14th day of October 2009.

President & CEO
For the Accreditation Council
Certificate Number 0894.03
Valid to August 31, 2011

*For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*

American Association for Laboratory Accreditation

World Class Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION
RELIABILITY TECHNICAL CENTER
1815 Touby Pike
Kokomo, IN 46901
Gregory Ladd Phone: 810 341 7933

CALIBRATION

Valid To: August 31, 2011 Certificate Number: 0894.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Thermodynamics

| Parameter/Equipment | Range | CMC[2, 3] (±) | Comments |
|---|---|---|---|
| Environmental Chamber Controllers, Digital Displays and Limit Controllers – (Electrical Simulation Only) | | | |
| Temperature Simulation | (-80 to 200) ºC | 1.4 ºC | Fluke 724 |
| Humidity Simulation | (30 to 95) % RH | 1.8 % RH | Fluke 724 (two units are being used simultaneously) |

[1] This laboratory offers commercial calibration service and on-site calibration service.

[2] Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] Field calibration service is available for this calibration and this laboratory meets A2LA *R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these calibrations. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the CMC found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the actual uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.



5301 Buckeystown Pike, Suite 350 | Frederick, Maryland 21704-8373 | Phone: 301 644 3248 | Fax: 301 662 2974 | www.A2LA.org