



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ATC INC.

Indianapolis, IN

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 8 January 2009*).



Presented this 23rd day of April 2009.

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

President
For the Accreditation Council
Certificate Number 2197.01
Valid to December 31, 2010

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

ATC Inc.
4037 Guion Lane
Indianapolis, IN 46268
Ranjit Ghosh Phone: 317 328 8492

CALIBRATION

Valid To: December 31, 2010

Certificate Number: 2197.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Dimensional

| Parameter/Equipment | Range | Best Uncertainty ² (±) | Comments |
|---------------------|-----------------|-----------------------------------|------------|
| Optical Gauging | 10 µm to 1.5 mm | 1.2 µm | Microscope |

II. Fluid Quantities

| Parameter/Equipment | Range | Best Uncertainty ² (±) | Comments |
|---------------------|----------------------|-----------------------------------|--|
| Gas Flow | (15 to 5000) gm/min | 0.33 % of reading | Gas Cal-5000L primary gas flow standard PVTt |
| | (0.03 to 120) gm/min | 0.31 % of reading | |
| | (0 to 30) mg/min | 0.39 % of reading | |
| | (0.1 to 200) µg/min | 0.67 % of reading | |

III. Mechanical

| Parameter/Equipment | Range | Best Uncertainty ² (±) | Comments |
|---------------------|---|---|-------------------|
| Pressure | (0 to 500) psia 4 inH ₂ O to 10 psi | 0.013 % full scale 0.01 % full scale | Pressure standard |

IV. Thermodynamics

| Parameter/Equipment | Range | Best Uncertainty ² (±) | Comments |
|---------------------|----------------|-----------------------------------|---------------------|
| Temperature | 0 °C to 100 °C | 0.2 °C | Comparison with PRT |

¹ This laboratory offers commercial calibration and field calibration service.

² “Best Uncertainty” 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 of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device and to influences from the circumstances of the specific calibration.



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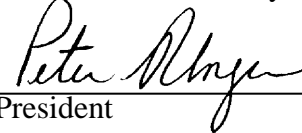
for technical competence in the field of

Nondestructive 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 23rd day of April 2009.



President

For the Accreditation Council

Certificate Number 2197.02

Valid to December 31, 2010

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ATC Inc.
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Indianapolis, IN 46268
Ranjit Ghosh Phone: 317 328 8492

NONDESTRUCTIVE

Valid To: December 31, 2010

Certificate Number: 2197.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on aircraft components, automotive components, pipes, hoses, valves and fittings, pressure vessels:

| <u>Test</u> | <u>Test Method</u> |
|--|------------------------|
| Leak Testing Helium | ASTM: E498, E499, E515 |
| Leak Testing Microflow | ATC04-9-2-4, SAEJ2587 |
| Leak/Flow Testing Regular Flow | ATC04-9-2-5 |
| Package/Seal Integrity (Leak/Not Leak Rate) | ASTM F2391 |

*The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications. Inclusion of these material specifications on this Scope also does not confer accreditation for every method embedded within the specification. Only the methods listed above on this Scope are accredited.

*Product Specification ANSI/AAMI/ISO 11607-2:2006