



THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

SIEMERS INSPECTION SERVICE, INC.

Vicksburg, MI

for technical competence in the field of

Mechanical 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 18 June 2005*).



Presented this 17th day of May 2007.

A handwritten signature in cursive script, appearing to read "Peter Abney".

President

For the Accreditation Council

Certificate Number: 1287.01

Valid to: July 31, 2009

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



American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SIEMERS INSPECTION SERVICE, INC
713 W. Prairie St.
Vicksburg, MI 49097
Patricia J. Corse Phone: 269 649 4434

MECHANICAL

Valid To: July 31, 2009

Certificate Number: 1287.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform dimensional testing using the following measuring equipment^{1,4}:

I. Dimensional Testing

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Geometry Measurement – 3D	Up to 26 in	$(8L + 900) \mu\text{in}$	CMM
Geometry Measurement – 2D	8 in x 4 in	$(7L + 190) \mu\text{in}$ $(10L + 220) \mu\text{in}$	Microscope Optical comparator
Geometry Measurement – 1D	Up to 6 in Up to 3 in	$(3L + 290) \mu\text{in}$ $(L + 50) \mu\text{in}$	Calipers Micrometer
Fixture Inspection	Up to 26 in	$(8L + 900) \mu\text{in}$	CMM
Surface Finish	$(1 \text{ to } 250) \mu\text{in}$	$4 \mu\text{in}$	Profilometer

(A2LA Cert. No. 1287.01) 05/17/2007

Page 1 of 2



¹ This laboratory offers commercial dimensional testing 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 testing 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 test performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device, to the environment and to influences from the circumstances of the specific test.

³ L is the measured length in inches

⁴ This laboratory meets the A2LA Calibration Program Requirements for the types of dimensional testing listed above. Accredited test reports issued containing appropriate statements of measurement results, measurement uncertainty, and traceability are considered equivalent to a “calibration” certificate.