



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

**Gage Services, Inc.
40120 Grand River Avenue
Novi, Michigan 48375**

(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-ILAC-IAF Communiqué dated January 2009):*

**Calibration of Linear and Non-linear Dimensional Measuring Equipment
(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:

Tracy Szerszen
President/Operations Manager

The validity of this certificate is mandated through ongoing surveillance.

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:
August 28, 2004

Accreditation No.:
59309

Issue Date:
October 26, 2010

Certificate No.:
L10-169

Expiration Date:
October 25, 2012

Page No.:
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Certificate of Accreditation: Supplement

Gage Services, Inc.
40120 Grand River Avenue
Novi, Michigan 48375

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

Dimensional

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Micrometers	0 in to 12 in (Resolution 0.000 1 in)	(58 + 4.35L) μ in	Master Gage Block
	0 in to 4 in (Resolution 0.000 05 in)	(66 + 2.15L) μ in	
Calipers	0 in to 12 in (Resolution 0.000 5 in)	300 μ in	Master Gage Block
	12 in to 24 in (Resolution 0.0005 in)	(150 + 12.6L) μ in	
	0 in to 12 in (Resolution 0.001 in)	580 μ in	
	12 in to 24 in (Resolution 0.001 in)	(110 + 39L) μ in	
Indicators	0 in to 2 in (Resolution 0.000 05 in)	78 μ in	Sylvac D100 System
	0 in to 2 in (Resolution 0.000 1 in)	91 μ in	
Test Indicators	0 in to 0.06 in	92 μ in	Sylvac D100 System
Height Gages	0 in to 24 in	(120 + 2.53L) μ in	Height Master
Gage Blocks	0.01 into 4.0 in	(2.7 + 3.58L) μ in	Edmunds Comparator and Master Gage Block
Pin Gages	0 in to 1 in	(150 + 89.75L) μ in	Laser Micrometer
Plug Gages	0 in to 4 in	44 μ in	Mikroktor, Master Gage Block
Thread Plug Gages Pitch Diameter	8-36 to 3-4	120 μ in	Mikroktor, Master Gage Block, Thread Wires, Unified/Metric Series
Thread Plug Gages Major Diameter	8-36 to 3-4	44 μ in	
Ring Gages	0 in to 5 in	75 μ in	Sylvac D100 System Master Gage Blocks
Length Standards	0 in to 22 in	(79 + 2.62L) μ in	Height Master

1. 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.
2. The term L represents length in inches or millimeters as appropriate to the uncertainty statement.