



Laboratory Accreditation Bureau

Certificate of Accreditation

ISO/IEC 17025:2005

Certificate Number L2058-1

**Leader Corporation
51644 Filomena Drive
Shelby Twp, MI 48315**

has met the requirements set forth in L-A-B's policies and procedures, and all requirements of 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 January 2009).

Accreditation valid through July 21, 2012



R. Douglas Leonard, Jr., Managing Director
Laboratory Accreditation Bureau

*Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).

Scope of Accreditation For Leader Corporation

51644 Filomena Drive
Shelby Twp, MI 48315
Michael Arcari
586-566-7114

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Leader Corporation** to perform the following **Calibrations**:

Accreditation granted through: **July 21, 2012**

Calibration

Length - Dimensional Metrology – Other


Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
External Straight Threads Pitch Diameter (up to 104)TPI	(0.047 to 2) in	(39 + 10 <i>D</i>) μin	Supermicrometer, Gage Blocks and Thread Wires
	(2 to 16) in	(64 + 3.2 <i>D</i>) μin	Gage Blocks, Thread Wires and Mikrokator
Internal Straight Threads Pitch Diameter (Up to 104)TPI	(0.047 to 16) in	(254 + 21.8 <i>D</i>) μin	Master Set Plugs
External Tapered Threads Pitch Diameter (Up to 104)TPI	(0.0625 to 3.5) in (4 to 8) in	(86.9 + 1.4 <i>D</i>) μin (102 + 2.5 <i>D</i>) μin	Mikrokator, Gage Blocks, Thread Wires and Tapered Sine Bar
Internal Tapered Threads Pitch Diameter (Up to 104)TPI	(0.0625 to 8) in	(253.8 + 1.8 <i>D</i>) μin	Tapered Master Plug
Cylindrical External Measurement	(0.01 to 6) in (6 to 16) in	(19.6 + 3 <i>D</i>) μin (2.5 + 6 <i>D</i>) μin	Mikrokator and Gage Blocks
Cylindrical Internal Measurements	(0.1 to 3) in (3 to 10) in	(10.4 + 1.9 <i>D</i>) μin (6.5 + 2.8 <i>D</i>) μin	1 μin Measuring Machine

Calibration Parameter/Equipment	Range	Best Measurement Capability(+/-) ²	Remarks
Spline Gage Plug – MOW	(0 to 9) in	(49 + 11.4D) μin	Mikrokator, Master Gage Blocks and Gear Measuring Wires
Spline Gage Ring – MOW	(0 to 9) in	(157 + 6.0D) μin	Master Gage Blocks and Gear Measuring Wires

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Best uncertainties represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.
- 3) *D* = Diameter in inches
- 4) TPI = threads per inch

Approved by: _____ Date: March 11, 2009


R. Douglas Leonard
Chief Technical Officer