Scope of Accreditation
For
Ultimate Gaging Systems

555 Plymouth Ave. NE
Grand Rapids, MI 49505
Todd Kolasa
616-264-6967

In recognition of a successful assessment to ISO/IEC 17025:2005 for the following Calibration and Measurement Capabilities, accreditation has been granted to **Ultimate Gaging Systems** to perform the following Dimensional Measurements:

Accreditation granted through: **July 11, 2017**

Dimensional Measurement

Length - Dimensional Measurement 1D

Measurement Parameter	Range	Expanded Uncertainty of Measurement (+/-) [2]	Remarks
Dimensional Measurement 1D	(0 to 3) in	(92 + 14.3*L*) µin	Outside Micrometers utilized as Reference Standard for Dimensional Measurement

Length - Dimensional Measurement 3D

Measurement Parameter	Range	Expanded Uncertainty of Measurement (+/-) [2]	Remarks
Dimensional Measurement 3D	X = (0 to 1200) mm Y = (0 to 3000) mm Z = (0 to 1000) mm	(14.35 + 0.013*X*)µm	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Measurement

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and remarks. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1) Laboratory offers dimensional inspection services at the laboratory's own facilities and at the client or other agreed upon facilities.
2) *L* = Length in inches; *X* = Length in millimeters

Approved by: _____ Date: July 11, 2014

R. Douglas Leonard
Chief Technical Officer

Issued: 7/11/14