SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AND

ANSI/NCSL Z540-1-1994 (R2002)

Laser Tom-Lis Corporation

310 Busse Highway #251
Park Ridge, IL 60068
Daniel Kawka 847-301-0304

CALIBRATION

Valid to: **January 31, 2024** Certificate Number: **AC-1305**

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Granite Surface Plates [1,2]			In accordance with ASME B89.3.7-2013 using Optodyne LDDM Laser Measurement System
Overall Flatness	Up to 360 ft*DL*	(10 + 10*DL*) µin	
Local Area Flatness	0.001 in with (4 to 10) in Bridge, across unlimited length of surface	24 µin	Repeat-O-Meter or Inline Flatness Checker

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. 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. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. *DL* = diagonal length in feet.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1305.

R. Douglas Leonard Jr., VP, PILR SBU