SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
& ANSI/NCSL Z540-1-1994

THE L.S. STARRETT COMPANY,
TRU-STONE TECHNOLOGIES DIVISION
1101 Prosper Drive
P.O. Box 430
Waite Park, MN 56387
Eric Perowitz Phone: 320 251 7171

CALIBRATION

Valid To: November 30, 2027 Certificate Number: 1580.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations[1, 4]:

I. Dimensional

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Granite Surface Plates –			
Flatness	Up to 300 in (diagonal) - 4 in - 8 in - 12 in	 (4.6√*D*) µin (4.5√*D*) µin (4.2√*D*) µin	Autocollimator
	Up to 480 in (diagonal) - 4 in - 8 in - 12 in	 (10√*D*) µin (11√*D*) µin (11√*D*) µin	Electronic level
Repeat Reading (Flatness of Local Area)	Up to 0.002 in	28 µin	Repeat-o-meter with 0.000 02 in indicator. Only valid in connection with a flatness calibration

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Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Granite Metrology Accessories –			
Flatness/Straightness	Up to ±0.0004 in	18 µin	Mikrokator
	(12 to 300) in (diagonal)	(4.6√*D*) µin	Autocollimator
	(12 to 480) in (diagonal)	(29√*D*) µin	Electronic level
	Up to 48 in	8 µin/in	Pentaprism and autocollimator
Perpendicularity/ Parallelism	Up to 0.0003 in (>0.0003 to 0.001) in	20 µin 67 µin	Electronic amp and gage head
Parallelism	(12 to 480) in (length)	(11√*D*) µin	Electronic level
Repeat Reading (Flatness of Local Area)	Up to 0.002 in	28 µin	Repeat-o-meter with 0.000 02 in indicator

[1] This laboratory offers commercial calibration service.

[2] Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] In the statement of CMC, *D* is the length of the diagonal in inches.

[4] This scope meets the *P112 Flexible Scope Policy*.

Accredited Laboratory

A2LA has accredited

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Waite Park, MN

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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 April 2017*).

Presented this 13th day of November 2025.

Mr. Trace McInturff, Vice President Accreditation Services
For the Accreditation Council
Certificate Number 1580.01
Valid to November 30, 2027

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.