SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

STANDRIDGE GRANITE CORP.
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Santa Fe Springs, CA 90670
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CALIBRATION

Valid To: April 30, 2018 Certificate Number: 3559.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Dimensional

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Surface Plates[3] –			E.G. , granite, cast iron, ceramic, steel
Flatness	Up to 480 in	(28 + 0.38*D*) µin	Autocollimator
Repeat Reading*	Up to 480 in	24 µin	Repeat-o-meter, (0.000020 indicator) *Only valid in connection with flatness calibration
Accessories –			E.G. , granite, cast iron, ceramic, steel
Flatness/Straightness	Up to 144 in	1.7 µin/in	Autocollimator
Perpendicularity	Up to 144 in	1.9 µin/in	Autocollimator with penta prism
Parallelism	Up to 60 in	3.3 µin/in	Electronic amplifier
	Up to 480 in	(28 + 0.38*L*) µin	Autocollimator
Length	Up to 12 in	(23 + 11*L*) µin	Gage blocks

[1] This laboratory offers commercial and field calibration services and new manufactured products.

[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. CMC's represent expanded uncertainties expressed at approximately a 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] Field calibration service is available for this calibration and this laboratory meets A2LA *R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these calibrations. Please note the uncertainties achievable on a customer's site can normally be expected to be larger than the CMC that the accredited laboratory has been assigned on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the calibration uncertainty being larger than the CMC.

[4] In the statement of CMC, the numerical value *D* is for the nominal diagonal length of the device; *L* is for the numerical value of the nominal length of the device measured in inches.

Accredited Laboratory

A2LA has accredited

STANDRIDGE GRANITE CORP.

Santa Fe Springs, CA

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of ANSI/NCSLI Z540-1-1994 and any additional program requirements in the field of calibration. 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 8 January 2009*).

Presented this 29th day of June 2016.

President & CEO
For the Accreditation Council
Certificate Number 3559.01
Valid to April 30, 2018
Revised March 28, 2018

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