



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

MENSOR, LP
201 Barnes Drive
San Marcos, TX 78666
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CALIBRATION

Valid To: July 31, 2019

Certificate Number: 2066.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Mechanical

Parameter/Equipment	Range	CMC ² (±)	Comments
Pressure – Gauges, Controllers, & Transducers			
Gauge, Pneumatic	± 18 psig ± 2.2 psig	18 parts in 10 ⁶ psig 30 parts in 10 ⁶ psig	DHI cal system
	(-15 to 1100) psig	14 parts in 10 ⁶ psig	DHI, Ruska DWTs
	(-15 to 6000) psig	20 parts in 10 ⁶ psig	DHB DWT
Gauge, Hydraulic	(0 to 30 003) psig	32 parts in 10 ⁶ psig	DHI DWT
Absolute, Pneumatic	(0 to 1100) psia	14 parts in 10 ⁶ psia	DHI, Ruska DWTs
	(0 to 6000) psia	21 parts in 10 ⁶ psia	DHB DWT
Absolute, Hydraulic	(0 to 30 015) psia	32 parts in 10 ⁶ psia	DHI DWT
Negative Gauge	(0 to -15) psig	21 parts in 10 ⁶ psig	DWT gauge mode
	(0 to -15) psig	26 parts in 10 ⁶ psig	DWT ABS mode

Parameter/Equipment	Range	CMC ² (±)	Comments
Mass	(0 to 1) kg (0 to 10) kg	0.24 mg 2.5 mg	Reference mass set and Mettler balance

II. Thermodynamics

Parameter/Equipment	Range	CMC ² (±)	Comments
Temperature – Measuring Equipment	(0 to 50) °C	0.057 °C	PRT

¹ Commercial calibration service is available for this laboratory.

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.



Accredited Laboratory

A2LA has accredited

MENSOR, LP

San Marcos, TX

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/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 8 January 2009).



Presented this 21st day of June 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2066.01
Valid to July 31, 2019

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