

FINAL DRAFT  
SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CALIBRATION

Valid To: February 28, 2026

Certificate Number: 6303.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>.

I. Mechanical

Parameter/Equipment	Range	CMC <sup>2, 3, 4</sup> (±)	Comments
Torque – Measuring Equipment			
Wrenches	(10 to 100) lbf·in	0.79 lbf·in (0.79 %)	Torque transducer
	(50 to 500) lbf·in	2.9 lbf·in (0.58 %)	
	(25 to 250) lbf·ft	1.6 lbf·ft (0.6 %)	
	(100 to 1000) lbf·ft	7.0 lbf·ft (0.7 %)	
Pneumatic	(750 to 6000) lbf·ft	32 lbf·ft (0.53 %)	AWS Transducer (pressure to torque correlation)
Hydraulic	(3000 to 30000) lbf·ft	150 lbf·ft (0.50 %)	AWS Transducer (pressure to torque correlation)

Parameter/Equipment	Range	CMC <sup>2, 3, 4</sup> ( $\pm$ )	Comments
Pressure – Measuring Equipment	(10000 to 40000) psig	0.14 % of reading	Master Pressure Gauge

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> 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 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.

<sup>3</sup> In the statement of CMC, percentages are percentage of reading, unless otherwise indicated.

<sup>4</sup> The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.