

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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CALIBRATION

Valid to: **September 14, 2019**

Certificate Number: **L2366**

Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Pneumatic Pressure Gages	(0 to 160) psi	1.2 psi	Pressure Gages
Hydraulic Pressure Gages	(0 to 10 000) psi	62 psi	
Hydraulic Torque Tools	(100 to 1 000) lbf·ft	1.6 % of reading	Pressure Gages Torque Transducers
	(1 000 to 5 000) lbf·ft	0.65 % of reading	
	(5 000 to 25 000) lbf·ft	0.71 % of reading	
	(25 000 to 100 000) lbf·ft	1.2 % of reading	
Pneumatic Torque Tools	(100 to 1 000) lbf·ft	3.3 % of reading	
	(1 000 to 5 000) lbf·ft	1.1 % of reading	
	(1 900 to 10 000) lbf·ft	1.1 % of reading	

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. This scope is formatted as part of a single document including Certificate of Accreditation No. L2366.



 Vice President