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

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CALIBRATION

Valid to: May 31, 2014 Certificate Number: AC-1228

I. Mechanical

PARAMETER / EQUIPMENT	RANGE	CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Lab Balance	Up to 200 g (0.0001g)	0.16 mg	Class 1 Weights	NIST Handbook 44
Lab Balance	Up to 8 000 g (0.1 g)	0.14 g	Class 1 Weights	NIST Handbook 44
Bench Scale	Up to 200 lb (0.05 lb)	0.07 lb	Class F Weights	NIST Handbook 44
Floor Scale	Up to 5 000 lb (1 lb)	1.49 lb	Class F Weights	NIST Handbook 44
Floor Scale	Up to 20 000 lb (2 lb)	2.9 lb	Class F Weights	NIST Handbook 44
Crane Scale	Up to 50 000 lb (10 lb)	14 lb	Class F Weights	NIST Handbook 44
Force Gauge	Up to 100 lb (0.01 lb)	0.46 lb	Class F Weights	Manufacturer's Specifications
Fork Lift Scale	Up to 5 000 lb (5 lb)	8.1 lb	Class F Weights	NIST Handbook 44

PARAMETER / EQUIPMENT	RANGE	CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Tank Scale	Up to 40 000 lb (10 lb)	14 lb	Class F Weights	NIST Handbook 44
Truck Scale	Up to 200 000 lb (20 lb)	29 lb	Class F Weights	NIST Handbook 44

Notes:

1. *Calibration and Measurement Capabilities (CMC) (Expanded Uncertainties) are based on approximately a 95% confidence interval, using a coverage of k=2.*
2. *The uncertainty associated when calibrating a balance/scale is dependent on local conditions, such as the resolution of the unit being calibrated and the environment in which the balance/scale is operating. The uncertainty listed in the scope here represents the best uncertainty for a balance/scale which the organization typically calibrates in its lab. 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.*
3. *Range numbers in parentheses represent best scale resolutions.*
4. *This scope is part of and must be included with the Certificate of Accreditation No. AC-1228.*

Vice President

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