CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Worchester Scale Company, Inc.
228 Brooks Street
Worcester, MA 01606

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations to which this accreditation applies.

AC-1266
Certificate Number

ANAB Approval

Certificate Valid: 03/29/2017-04/09/2019
Version No. 007 Issued: 03/29/2017

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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CALIBRATION

Valid to: **April 9, 2019** Certificate Number: **AC-1266**

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.

Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Class I Balances	Up to 60 g (60 to 120) g (120 to 210) g (210 to 500) g	0.16 mg 0.23 mg 0.31 mg 0.75 mg	NIST Handbook 44 OEM Specifications
Class I Balances	Up to 20 g (20 to 100) g (100 to 200) g (200 to 500) g 500 g to 1 kg (1 to 2) kg	0.09 mg 0.65 mg 0.13 mg 1.9 mg 3.7 mg 7.9 mg	NIST Handbook 44
Class II Scales and Balances	Up to 100 g (100 to 500) g 500 g to 5 kg (5 to 8) kg	1.3 mg 3.7 mg 37 mg 74 mg	
Class III Scales	Up to 100 lb (100 to 500) lb (500 to 1 000) lb (1 000 to 5 000) lb (5 000 to 10 000) lb	0.016 lb 0.083 lb 0.17 lb 0.59 lb 1.2 lb	
Class III L Scales	Up to 200 000 lb	23.2 lb	

Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Crane Scales	Up to 100 lb (100 to 500) lb (500 to 1 000) lb (1 000 to 2 000) lb Digital (2 000 to 5 000) lb (5 000 to 10 000) lb (10 000 to 20 000) lb Analog (2 000 to 5 000) lb (5 000 to 10 000) lb (10 000 to 20 000) lb	0.026 lb 0.13 lb 0.26 lb 0.63 lb 6.8 lb 13 lb 24 lb 8.2 lb 17 lb 33 lb	WSC-073
Force Gages	Up to 100 lb (100 to 500) lb (500 to 1 000) lb (1 000 to 2 000) lb	0.026 lb 0.13 lb 0.26 lb 0.63 lb	WSC-072
Mass Class F Weights	Up to 2 g (2 to 20) g (20 to 200) g (200 to 1 000) g (1 to 3) kg (3 to 5) kg (5 to 13) kg (13 to 25) kg (25 to 50) kg Up to 1 lb (1 to 5) lb (5 to 10) lb (10 to 25) lb (25 to 50) lb (50 to 100) lb	0.139 mg 0.14mg 0.32 mg 13.6 mg 16.3 mg 67.6 mg 632 mg 2 960 mg 5 450 mg 13.6 mg 15.4 mg 73 mg 579 mg 2 960 mg 5 410 mg	NIST Handbook 105-1

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. AC-1266.

Vice President