



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Worcester 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

Worcester Scale Company, Inc.

228 Brooks Street
Worcester, MA 01606
Steven Hoogasian
Phone: 508-853-2886

sales@worcscale.com www.worcscale.com

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

Table with 4 columns: Parameter / Equipment, Range, Expanded Uncertainty of Measurement (+/-), Reference Standard, Method and/or Equipment. Rows include Class I Balances, Class II Scales and Balances, Class III Scales, and Class III L Scales.





Mass

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

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

