



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board
11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

United Scale & Engineering Corporation
A TRANSCAT COMPANY
16725 W. Victor Road
New Berlin WI 53151

(including satellite location listed on the scope)

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

ISO/IEC 17025:2017

and national standards

ANSI/NCSL Z540-1-1994 (R2002)

while demonstrating technical competence in the field of

CALIBRATION

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

AC-2489.16
Certificate Number


ANAB Approval

Certificate Valid Through: 09/07/2021
Version No. 014 Issued: 09/06/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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 April 2017).



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017 AND ANSI/NCSL Z540-1-1994 (R2002)

United Scale & Engineering Corporation

A TRANSCAT COMPANY

16725 W. Victor Road

New Berlin, WI 53151

Dan Christianson

800-236-1733

CALIBRATION

Valid to: **September 7, 2021**

Certificate Number: **AC-2489.16**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class I Balances	Up to 100 g	0.29 mg	ASTM Class 1 weights
	Up to 230 g	0.59 mg	
	Up to 610 g	1.5 mg	
Class II Balances	Up to 610 g	3.2 mg	OIML Class F1 weights
	Up to 6 100 g	32 mg	
Class II Balances	Up to 6 400 g	1.9 g	Class F weights
	Up to 32 kg	2.9 g	
	Up to 34 kg	3.9 g	
	Up to 64 kg	7.3 g	
	Up to 100 kg	12 g	
	Up to 200 kg	24 g	
Class III Light capacity Scales	Up to 2 lb	0.000 72 lb	Class F weights
	Up to 5 lb	0.005 9 lb	
	Up to 10 lb	0.002 6 lb	
	Up to 20 lb	0.006 2 lb	
	Up to 50 lb	0.013 lb	
	Up to 100 lb	0.026 lb	
	Up to 200 lb	0.062 lb	
Class III Medium Capacity Scales	Up to 500 lb	0.13 lb	Class F weights
	Up to 1 000 lb	0.26 lb	
	Up to 2 000 lb	0.62 lb	
	Up to 5 000 lb	1.3 lb	
	Up to 10 000 lb	2.8 lb	
	Up to 20 000 lb	6.9 lb	



ANSI National Accreditation Board

Mass and Mass Related

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Class III Medium Capacity Scales	Up to 400 kg	0.14 kg	Class F weights
	Up to 600 kg	0.15 kg	
	Up to 1 000 kg	0.28 kg	
	Up to 2 500 kg	0.48 kg	
	Up to 5 000 kg	0.87 kg	
	Up to 9 000 kg	1.2 kg	
Class III L Heavy Capacity Scales	Up to 50 000 lb	14 lb	Class F weights
	Up to 100 000 lb	26 lb	
	Up to 200 000 lb	26 lb	

Services performed at satellite laboratory

1322 Russett Court
Green Bay, WI 54313

Mass and Mass Related

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	Up to 10 lb	0.002 6 lb	
	Up to 20 lb	0.006 2 lb	
	Up to 50 lb	0.013 lb	
	Up to 100 lb	0.026 lb	
	Up to 200 lb	0.062 lb	



Mass and Mass Related

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	Up to 5 000 lb	1.3 lb	
	Up to 10 000 lb	2.8 lb	
	Up to 20 000 lb	6.9 lb	
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	Up to 1 000 kg	0.28 kg	
	Up to 2 500 kg	0.48 kg	
	Up to 5 000 kg	0.87 kg	
	Up to 9 000 kg	1.2 kg	
Class III L Heavy Capacity Scales	Up to 50 000 lb	14 lb	Class F weights
	Up to 100 000 lb	26 lb	
	Up to 200 000 lb	26 lb	

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-2489.16.


 Vice President

