



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**ADVANCE SCALE COMPANY, INC.**  
**2400 Egg Harbor Road**  
**Lindenwold, NJ 08021**

Fulfills the requirements of  
**ISO/IEC 17025:2017**

and national standard

**ANSI/NCSL Z540-1-1994 (R2002)**

In the field of

**CALIBRATION**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 09 October 2022

Certificate Number: AC-2623



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).

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

**ADVANCE SCALE COMPANY, INC.**

2400 Egg Harbor Road  
Lindenwold, NJ 08021  
Chris Santarpio  
856-627-0700

**CALIBRATION**

Valid to: **October 9, 2022**

Certificate Number: **AC-2623**

**Mass and Mass Related**

<b>Parameter/Equipment</b>	<b>Range</b>	<b>Expanded Uncertainty of Measurement (+/-) <sup>3</sup></b>	<b>Reference Standard, Method, and/or Equipment</b>
Laboratory Balances <sup>1</sup> – Class I			
Micro <sup>2</sup>	(Up to 10) mg (10 to 200) mg (200 to 500) mg (500 to 5 000) mg	0.006 2 mg 0.007 3 mg 0.008 4 mg 0.013 mg	Class 1 Weights
Semi Micro <sup>2</sup>	Up to 10g (10 to 50) g (50 to 250) g	0.044 mg 0.059 mg 0.076 mg	
Analytical <sup>2</sup>	(1 to 100) g (100 to 250) g (250 to 350) g (350 to 520) g	0.3 mg 0.4 mg 0.62 mg 1.3 mg	
Precision (Top Loader)	Up to 1 100g	16 mg + 0.6R	
Laboratory Balances <sup>1</sup> – Class II			
Industrial <sup>2</sup>	Up to 20 kg (20 to 35) kg	0.058g + 0.6R 0.31g + 0.6R	Class 1 Weights (up to 10 kg) Class F Weights

**Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>3</sup>	Reference Standard, Method, and/or Equipment
Industrial Scales <sup>1</sup> – Class III			
Light Capacity	Up to 10 lb (10 to 100) lb	0.012 lb + 0.6R 0.016 lb + 0.6R	Class F Weights
Light/Medium Capacity	(100 to 2 000) lb	0.003 lb + 0.6R	
Medium Capacity	(2 000 to 10 000) lb	0.6 lb + 0.6R	

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. The CMC for scales and balances is highly dependent upon the resolution of the unit under test. The CMC presented here does not include the resolution of the unit under test. The resolution will be included in the reported measurement uncertainty at the time of calibration.
3. R is the resolution of unit under test
4. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2623.



R. Douglas Leonard Jr., VP, PILR SBU

