CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

NuWeigh, Inc.
10421 Enterprise Drive
Davisburg, MI 48350

Fulfills the requirements of

ISO/IEC 17025:2017

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.

Jason Stine, Vice President

Expiry Date: 25 February 2025

Certificate Number: L1070-1

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

NuWeigh, Inc.
10421 Enterprise Drive
Davisburg, MI 48350
Tim O'Hara
248-922-1435

CALIBRATION

Valid to: **February 25, 2025** Certificate Number: **L1070-1**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Lab Balance and High Precision Scales[1] – Class I (0.000 1 g Resolution)	(0 to 100) g	0.22 mg	ASTM E617 Class I Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.001 g Resolution)	(0 to 10 000) g	16 mg	
(0.002 g Resolution)	(0 to 10 000) g	16 mg	
(0.005 g Resolution)	(0 to 10 000) g	17 mg	
(0.01 g Resolution)	(0 to 10 000) g	19 mg	
(0.02 g Resolution)	(0 to 10 000) g	29 mg	
Lab Balance and High Precision Scales[1] – Class II (0.05 g Resolution)	(0 to 10 000) g	0.06 g	
(0.1 g Resolution)	(0 to 10 000) g	0.12 g	
(0.2 g Resolution)	(0 to 10 000) g	0.23 g	
Industrial Scales [1,2] (0.1 g Resolution)	(0 to 1) kg	0.2 g	NIST Class F and/or ASTM E617 Class VI Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.2 g Resolution)	(0 to 2) kg	0.43 g	
(0.5 g Resolution)	(0 to 5) kg	0.89 g	
(1 g Resolution)	(0 to 10) kg	1.3 g	
(0.000 1 lb Resolution)	(0 to 1) lb	0.000 21 lb	

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Industrial Scales [1,2] (0.000 2 lb Resolution)	(0 to 2) lb	0.000 33 lb	NIST Class F and/or ASTM E617 Class VI Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.000 5 lb Resolution)	(0 to 5) lb	0.000 8 lb	
(0.001 lb Resolution)	(0 to 10) lb	0.001 6 lb	
(0.002 lb Resolution)	(0 to 20) lb	0.002 8 lb	
(0.005 lb Resolution)	(0 to 50) lb	0.006 2 lb	
(0.01 lb Resolution)	(0 to 100) lb	0.012 lb	
(0.02 lb Resolution)	(0 to 200) lb	0.026 lb	
(0.05 lb Resolution)	(0 to 500) lb	0.061 lb	
(0.1 lb Resolution)	(0 to 1 000) lb	0.12 lb	
(0.2 lb Resolution)	(0 to 2 000) lb	0.23 lb	
(0.5 Resolution)	(0 to 5 000) lb	0.6 lb	
(1 lb Resolution)	(0 to 10 000) lb	1.3 lb	
(2 lb Resolution)	(0 to 20 000) lb	2.3 lb	
(5 lb Resolution)	(0 to 50 000) lb	5.8 lb	
(10 lb Resolution)	(0 to 100 000) lb	12 lb	
(20 lb Resolution)	(0 to 200 000) lb	23 lb	
Industrial Vehicle Scales [1,2] (10 lb Resolution)	(0 to 100 000) lb	12 lb	
(20 lb Resolution)	(0 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. Industrial Scales include but not limited to lab balance, bench scales, counting scales, floor scales, crane/hanging scales, tank and hopper scales, vehicle scales and other types of industrial weighing applications.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L1070-1.

Jason Stine, Vice President