



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Rogan Scale LLC**  
400 Devils Glen Road  
P.O. Box 908  
Bettendorf, IA 52722

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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R.D.L.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 18 September 2022

Certificate Number: L2056-1



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**

**Rogan Scale LLC**  
 400 Devils Glen Road  
 P.O. Box 908  
 Bettendorf, IA 52722  
 Eric Meyers  
 563-355-2647

**CALIBRATION**

Valid to: **September 18, 2022**

Certificate Number: **L2056-1**

**Mass and Mass Related**

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Balances <sup>1</sup> (1 µg Resolution) (10 µg Resolution) (0.1 mg Resolution) (1 mg Resolution)	(0 to 2 000) mg (0 to 21 000) mg (0 to 20) g (0 to 200) g	1 µg 16 µg 100 µg 1 mg	Class I Weights in accordance with ASTM E617 and NIST Handbook 44 utilized for the calibration of the Weighing System
Balances <sup>1</sup> (0.001 g Resolution)	(0 to 5 000) g	16 mg	Class II Weights in accordance with ASTM E617 and NIST Handbook 44 utilized for the calibration of the Weighing System
Scales <sup>1</sup> (0.1 lb Resolution)	(0 to 1 000) lb	0.1 lb	Class F Weights in accordance with NIST 105-1 and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.2 lb Resolution)	(0 to 2 000) lb	0.2 lb	
(0.5 lb Resolution)	(0 to 5 000) lb	0.5 lb	
(1 lb Resolution)	(0 to 10 000) lb	1.1 lb	
(2 lb Resolution)	(0 to 20 000) lb	2 lb	
(5 lb Resolution)	(0 to 50 000) lb	4.1 lb	
(20 lb Resolution) (100 lb Resolution)	(0 to 300 000) lb (0 to 500 000) lb	23 lb 37 lb	

**Mass and Mass Related**

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Industrial Weight Test and Calibration	25 lb	0.35 g	SOP 8 Modified Substitution and SOP 7 Single Substitution Rogan Incorporated Procedures
	50 lb	0.7 g	
	500 lb	5 g	SOP 7 Single Substitution and SOP 8 Modified Substitution Rogan Incorporated Procedures
	1 000 lb	10 g	

**Electrical – DC/Low Frequency**

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Metal Detection	1 mm to 1.5 mm	0.25 mm	Fe Strip Red
	1.5 mm to 2 mm	0.25 mm	
	2 mm to 2.5 mm	0.25 mm	
	2.5 mm to 3.5 mm	0.50 mm	
	1 mm to 1.5 mm	0.25 mm	N-Fe Strip Yellow
	1.5 mm to 2 mm	0.25 mm	
	2 mm to 2.5 mm	0.25 mm	
	2.5 mm to 3mm	0.25 mm	
	1.5 mm to 2 mm	0.25 mm	SS Strip Blue
	2 mm to 2.5 mm	0.25 mm	
	2.5 mm to 3 mm	0.25 mm	
	3 mm to 3.5 mm	0.25 mm	
	1 mm to 1.5 mm	0.25 mm	Fe Sphere Red
	1.5 mm to 2 mm	0.25 mm	

**Electrical – DC/Low Frequency**

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Metal Detection	2 mm to 2.5 mm	0.25 mm	Fe Sphere Red
	2.5 mm to 3 mm	0.25 mm	
	1 mm to 1.5 mm	0.25 mm	N-Fe Sphere Green
	1.5 mm to 2 mm	0.25 mm	
	2 mm to 2.5 mm	0.25 mm	
	2.5 mm to 3 mm	0.25 mm	SS Sphere Blue
	1.5 mm to 2 mm	0.25 mm	
	2 mm to 2.5 mm	0.25 mm	
	2.5 mm to 3 mm	0.25 mm	

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. L2056-1.



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