



# ANSI National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

### **Brechbuhler Scales, Inc.**

1424 Scale St. SW  
Canton, OH 44706  
Jim Kullman  
330-458-3062

### **Services performed at satellite location**

14941 Liberty Hi Road  
Bowling Green, OH 43402

9930 Crescent Park Drive  
West Chester, OH 45069

7550 Jacks Lane  
Clayton, OH 45315

520 Old Brookpark Road  
Cleveland, OH 44109

4070 Perimeter Drive  
Columbus, OH 43228

1001 Findlay Road  
Lima, OH 45801

1080 National Parkway  
Mansfield, OH 44906

4005 South Avenue  
Youngstown, OH 44512

3306 Cavalier Drive  
Fort Wayne, IN 46808

5525 Galeao Court  
Indianapolis, IN 46241

490 S. Mapleton Street  
Columbus, IN, 47201

2351 Jaclyn Court  
South Bend, IN 46614

100 McJunkin Road  
Nitro, WV 25143

526 31st Street  
Parkersburg, WV 26101

477 North Pike Road  
Sarver, PA 16055

5200 Grand Avenue  
Pittsburgh, PA 15225



CALIBRATION

Valid to: May 7, 2021

Certificate Number: L1051-1

Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method and/or Equipment
Class I Weighing Devices <sup>1</sup>	(0 to 100) g	0.3 mg	ASTM E617 Class I Certified Weights
	(100 to 300) g	0.9 mg	
	(300 to 600) g	2 mg	
	(600 to 1 000) g	3.1 mg	
	(1 000 to 2 000) g	6.3 mg	
	(2 000 to 6 000) g	0.016 g	
	(6 000 to 12 000) g	0.023 g	
Class II Weighing Devices <sup>1</sup>	(0 to 100) g	0.6 mg	ASTM E617 Class II Certified Weights
	(100 to 300) g	1.3 mg	
	(300 to 600) g	3.5 mg	
	(600 to 1 000) g	5.9 mg	
	(1 000 to 2 000) g	0.012 g	
	(2 000 to 6 000) g	0.026 g	
	(6 000 to 12 000) g (12 000 to 30 000) g	0.04 g 0.3g	
Class III Weighing Devices <sup>1</sup>	(0 to 1) lb	0.000 3 lb	NIST 105 Class F Certified Weights
	(1 to 5) lb	0.000 9 lb	
	(5 to 50) lb	0.005 8 lb	
	(50 to 500) lb	0.06 lb	
	(500 to 2 500) lb	0.19 lb	
	(2 500 to 5 000) lb	0.3 lb	
	(5 000 to 10 000) lb	0.56 lb	
	(10 000 to 20 000) lb (20 000 to 40 000) lb	1.1 lb 2.7 lb	
Class IIIIL Weighing Devices <sup>1</sup>	(50 000 to 200 000) lb	12 lb	NIST 105 Class F Certified Weights
	(200 000 to 400 000) lb	54 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. Actual uncertainty results may vary from those shown on the Scope depending on the scale or balance with respect to the resolution of the unit, as resolution of the Unit Under Test (UTT) is a major contributing factor to the uncertainty.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L1051-1.



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Vice President

