



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
 & ANSI/NCSL Z540-1-1994**

Belleville Scale and Balance

50 South Center Street Unit 13 Orange, New Jersey 07050
 Tom Rockhill Phone: 800-257-0555

CALIBRATION

Valid to: January 31, 2010

Certificate Number: AC - 1307

I. Mechanical

PARAMETER/ EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Analytical Balances Class I	Up to 210 g	0.22 mg	Class 1 Stainless Steel Weights	NIST Handbook 44 OEM Specifications
Precision Balances Class I	Up to 22 kg	0.0088 g	Class 1 Stainless Steel Weights	NIST Handbook 44 OEM Specifications
Industrial Balances Class II	(22 to 60) kg	0.029 g	Class 1 Stainless Steel Weights	NIST Handbook 44 OEM Specifications
Industrial Scales Light Capacity Class III	Up to 500 lb	0.059 lb	Class F Stainless Steel and Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales Light/Medium Capacity Class III	(500 to 3 000) lb	0.45 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales Medium Capacity Class III	(3 000 to 10 000) lb	1.4 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales Heavy Capacity Class III	(10 000 to 30 000) lb	6.6 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales Large Capacity Class III	(30 000 to 50 000) lb	7.3 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales High Capacity Class III	(50 000 to 100 000) lb	10.8 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications
Industrial Scales High Capacity Class III L	(100 000 to 200 000) lb	28.9 lb	Class F Cast Iron Weights	NIST Handbook 44 OEM Specifications



Notes:

1. *Best Measurement Uncertainties (Expanded Uncertainty) are based on approximately a 95% confidence interval, using a coverage of $k=2$*
2. *The uncertainty associated when calibrating a balance/scale is dependent on local conditions, such as the resolution of the unit being calibrated and the environment in which the balance/scale is operating. The uncertainty listed in the scope here represents the best uncertainty for a balance/scale which the organization typically calibrates in its lab. Since field (on-site) conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field (on-site) than what is reported on the accredited scope.*
3. *This scope is part of and must be included with the Certificate of Accreditation No. AC - 1307*



Vice President

