

Scope of Accreditation For Brechtbuhler Scales, Inc.

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Brechtbuhler Scales, Inc.** to perform the following **Calibrations**:

Accreditation granted through: **May 7, 2013**


Calibration

Mass – Scale and Balances

| Calibration Parameter/Equipment ¹ | Range | Calibration and Measurement Capability(+/-) ² | Remarks |
|--|--------------------|--|---|
| Weighing Systems | | | ASTM E617 Class I Weights and NIST Handbook 44 utilized for the calibration of the weighing system |
| 0.001 g resolution | 0 g to 220 g | 0.8 mg | ASTM E617 Class II Weights and NIST Handbook 44 utilized for the calibration of the weighing system |
| 0.01 g resolution | 0 g to 100 g | 5.8 mg | |
| 0.02 g resolution | 0 g to 200 g | 13.5 mg | |
| 0.1 g resolution | 0 kg to 1 kg | 0.06 g | |
| 0.1 g resolution | 0 kg to 10 kg | 0.06 g | |
| 0.001 lb resolution | 0 lb to 1 lb | 0.0006 lb | |
| 0.01 lb resolution | 0 lb to 10 lb | 0.006 lb | |
| 0.1 lb resolution | 0 lb to 1000 lb | 0.08 lb | |
| 0.5 lb resolution | 0 lb to 5000 lb | 0.04 lb | |
| 1 lb resolution | 0 lb to 10 000 lb | 0.6 lb | |
| 20 lb resolution | 0 lb to 200 000 lb | 16 lb | NIST 105 Class F Weights and NIST Handbook 44 utilized for the calibration of the weighing systems |

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

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