

Calibration Service Selection Guide

Certification of Accreditation available for download at www.ricelake.com/accreditation.

Answer 2 Questions

to determine the calibration service you need

1

Need **accredited*** laboratory certificate to meet **ISO/IEC 17025 & ANSI/NCSC Z540-1** requirements?



YES

NO

2

What Weight Class?

ASTM 0, 1, 2, 3;
OIML E1, E2, F1, or F2

ASTM 4, 5, 6, 7;
NIST F;
OIML M1, M2, M3

Traceability to NIST?

YES

NO



Calibration Certificate

- Weight classes: ASTM 0–3, OIML E1, E2, F1, F2
- Meets all the requirements of the National Voluntary Laboratory Accreditation Program (NVLAP)
- Provides traceability to NIST
- Meets requirements for ISO/IEC 17025 and ANSI/NCSL Z540-1
- Lists the environmental conditions present at time of calibration
- Certificate cites that the test was done by RLWS, an accredited laboratory
- Certificate states that RLWS is ISO 9001 registered



Traceable Certificate

- Weight classes: ASTM 4–7, NIST F, OIML M1, M2, M3
- Meets all the requirements of the National Voluntary Laboratory Accreditation Program (NVLAP)
- Provides traceability to NIST
- Meets requirements for ISO/IEC 17025 and ANSI/NCSL Z540-1
- Lists the environmental conditions present at time of calibration
- Certificate cites that the test was done by RLWS, an accredited laboratory
- Certificate states that RLWS is ISO 9001 registered



RLWS Mass Value Certificate

- Weight classes: ASTM 1–3, OIML, F1, F2
- Uncertainty to tolerance ratios are not guaranteed to be met
- Lists actual weight values, uncertainties, and tolerances
- Measurements are traceable to NIST
- Not an accredited certificate



Certificate of Accuracy

- (Only applicable to new weights.)*
- This is not a Legal for Trade or traceable document
 - Does not give traceability to NIST
 - All weight classes
 - Tolerance statement of the weight
 - Nominal value of the weight is listed
 - Tolerance for the specific weight class is noted
 - Before, after, or uncertainties values are not listed

Central Carolina Scale, Inc.