

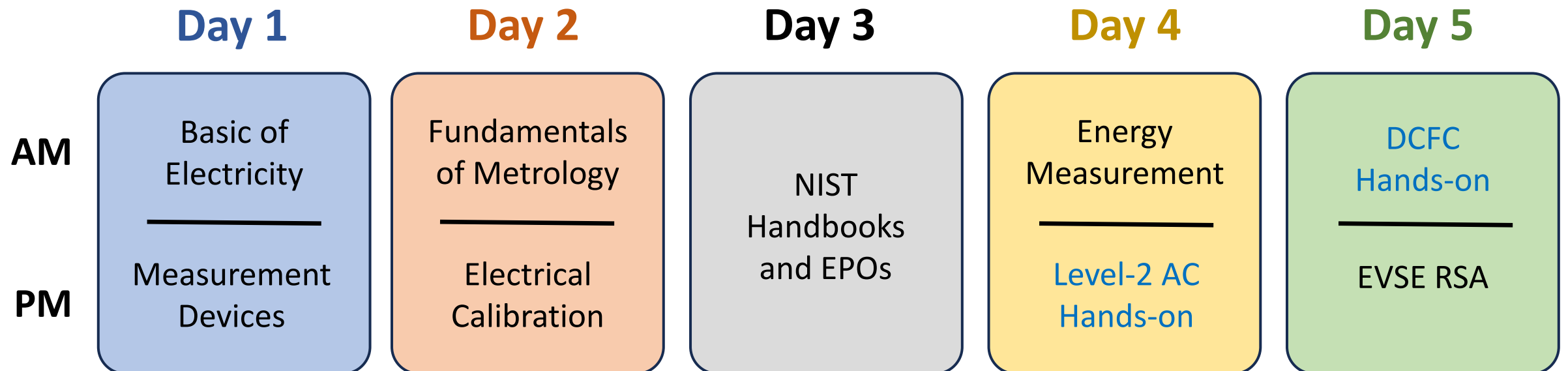
NIST OWM Training and Educational Activities

David Sefcik
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Office of Weights and Measures (OWM)

OWM Training and Education Related Activities



- **NCWM EVSE Training for W&M Inspectors and RSAs**
September 1-4, 2026 – Annapolis, Maryland
- **EVSE Comprehensive Metrology Training Program**
November 16-20, 2026 @ NIST



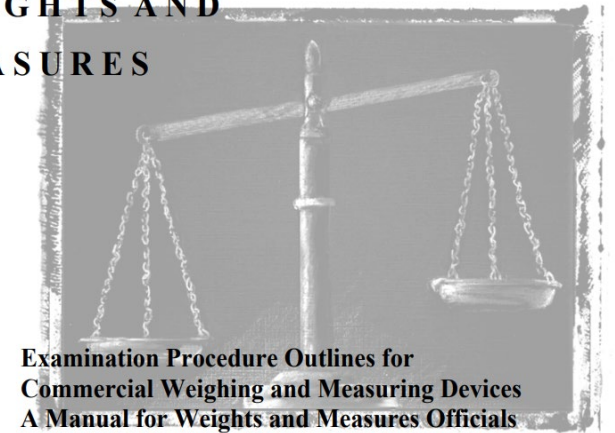
- Information Hours
 - 9 Scheduled for FY26



- [Proficiency Testing Program for U.S. State Weights and Measures Laboratories](#)
- [Suitability of Separate Elements-Weighing Devices](#)
- [Portable Digital Density Meters used for the Commercial Inspection of Packaged Liquid Foodstuffs and Beverages](#)
- [EPO's - A Guide for Evaluating Commercial Devices to NIST Handbook 44 Requirements](#)
- [The Critical Role of Device Audit Trails](#)

- **Examination Procedure Outlines (EPOs)**
 - 15 EPOs Updated (4 remain + 1 New)
 - Handbook 112 Update to Follow
 - Plan is to Update all EPOs and HB112 Annually

OFFICE OF
WEIGHTS AND
MEASURES



Examination Procedure Outlines for
Commercial Weighing and Measuring Devices
A Manual for Weights and Measures Officials

OWM Training and Education Related Activities



- **Vehicle & Axle Load Scale Training**

- Held June 23-25. Frankfort, KY
- 24 Students – 12 states
- Recorded Webinar to follow

- **Handbook 133 – Package Checking**

- May 2027, Montana



- **Regional Short Trainings**

- NEWMA – “Price Verification”
- CWMA – “Examining Paragraph G-A.3. Special and Unclassified Equipment in NIST HB44, Section 1.10. General Code, and Review of How it Has Been Applied Historically, and Identify Areas of NIST HB 44, Section 3.40 (EVSE) to Which G-A.3. Might Be Applicable”.

SP2200 – 08 Suitability of *Cannabis* Scales

- Published June 25, 2026
 - “Aspects to consider when determining the suitability of scales used for the sale of cannabis products”.
 - Provides objective, technical information on the most relevant aspects of weighing instruments regarding their suitability for selling cannabis products.



SP2200-XX Portable Digital Density Meters used for the Commercial Inspection of Packaged Liquid Foodstuffs and Beverages

- Plans to publish by end of year.



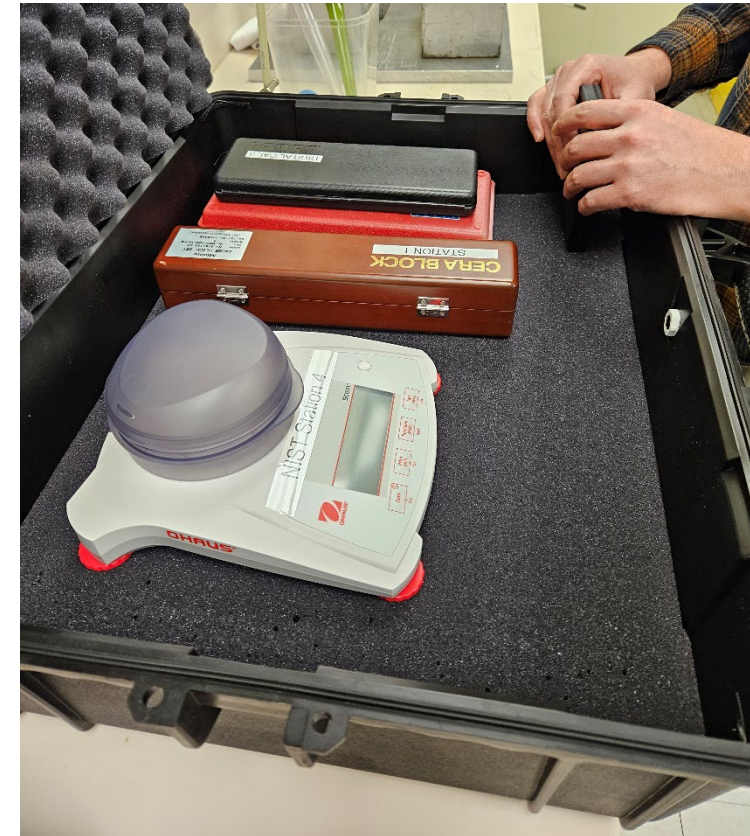


OWM Training Activities

Laboratory Metrology Program

Fundamentals of Metrology (FOM) Course – Online

- *Pilot Test* underway for a *virtual* Fundamentals of Metrology Course
- “Lab in a Box” including equipment for hands-on activities.
 - Shipped to each student and returned to NIST following class. →
 - Student will have all equipment needed to apply hands-on activities during the class.
 - Equipment will mirror that used in classes conducted at NIST.
- Extends opportunity to participate in FOM to those unable to attend on-site sessions.
- Pilot Test 6/15/26 thru August.





OWM Training Activities

Laboratory Metrology Program

Regional Measurement Assurance Program (RMAP)

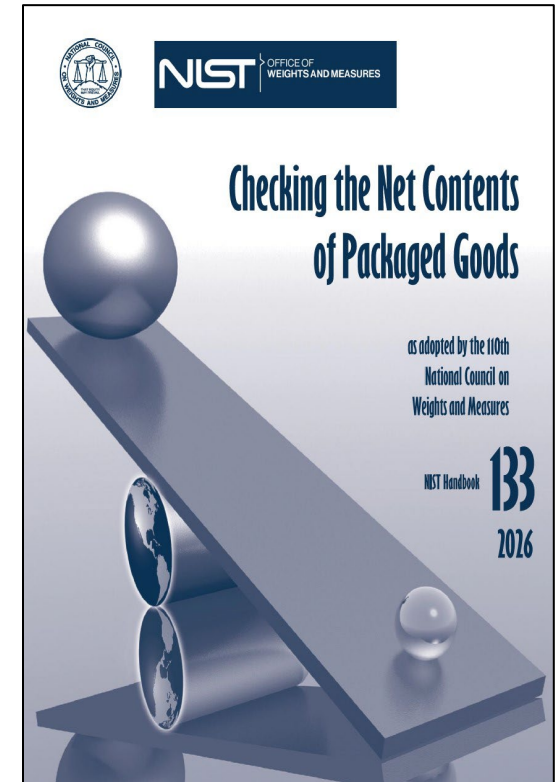
- Plans to combine SEMAP and NEMAP (Massachusetts)
- Benefits:
 - Greater networking and idea sharing.
 - Allows regions to see and tour state labs in other regions.

New!

- Chapter 2 and Chapter 3
 - Adhere to NIST Library HTML Publication formats.
 - Ensure consistency:
 - structure of formulas and tables
 - use of SI, abbreviations, spacing
 - use of units and decimal fractions
 - use of percent sign (e.g., 3% vs. 0.03)
 - use of parenthetical expressions e.g., () { } []
 - some procedures show examples, some don't

RESULT:

- Editorial changes for 2027 Edition. (see NCWM Supporting Doc's)
 - Comments back by August 7
- Form 15 for recommended minor technical changes for 2028 Edition.

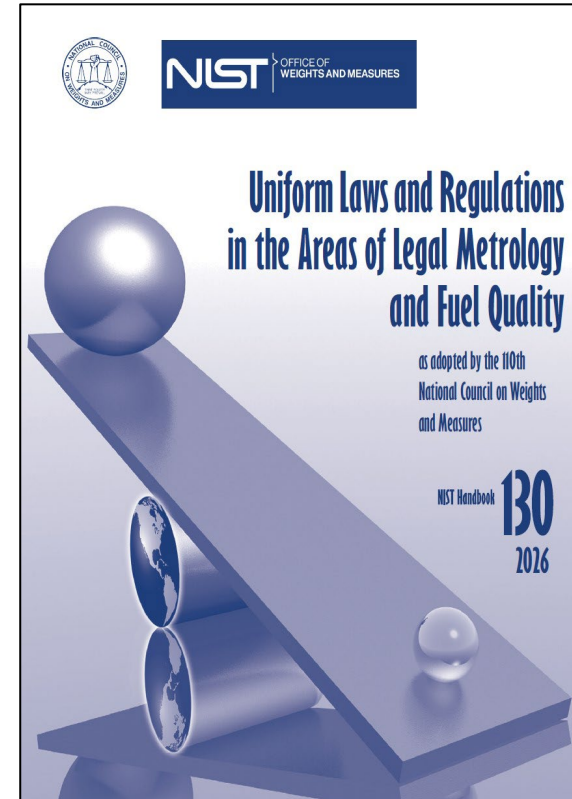


Editorial Changes Only

- Compliance with NIST Library HTML Publication Requirements
- Content will not change.
- Edits include:
 - Formatting
 - Unique section “identifiers” to improve searchability.
 - Added links.

RESULT:

- Editorial changes for 2027 Edition. (see NCWM Supporting Doc’s)



www.nist.gov/owm

Thank You!

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