

National Council on Weights and Measures

NCWM•NEWS

"That Equity May Prevail"

2025 Issue 1



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Chair's Column



Marc Paquette -Vermont
NCWM Chair

I am looking out the window of my house as I write this second installment of the National Council on Weights and Measures (NCWM) newsletter. The fields here are snow-covered, the temperatures frigid, but that is to be expected when living thirty miles from the Canadian border at this time of year. What gives me added thought is how cold the rest of the country has been. I have seen news reports showing snow and people sliding in Pensacola Florida. An NCWM member sent me pictures of a family member standing in a snowstorm in Louisiana. I also see ongoing reports of devastating wildfires in parts of southern California as well as other articles of the challenges in North Carolina as they continue to deal with the results of the hurricane that happened last fall.

All of this reminds me of the people from all over the country I meet through my work with NCWM and of the various diverse geographies, communities, and, yes, challenges. I have seen and continue to see professional and personal friends, associates, and work partners all persevere with shared goals that work to unify us.

Time seems to be moving quickly, with much happening since the October newsletter. Many of us had the opportunity to attend the NCWM Interim meeting in Charleston, South Carolina, in January. It was a great meeting and venue. The attendance was very high for an interim meeting, and many enjoyed both the professional aspects of the meeting and the incredible city with so much history and outstanding places to visit. There were a few hiccups due to meeting supplies not being delivered. However, attendees were very understanding and supportive of NCWM staff.

Chair's Column

Participants had the opportunity to attend many meetings of task groups, committees, and subcommittees. The Chairs Reception provided time to gather in a relaxed atmosphere for an outstanding meal and to converse and network together. Great comments were heard from the floor during open hearings in response to new and ongoing proposals. Some of the topics included Weighing in Motion, Uniform Shipping Law, and the General Code related to EVSE to name a few. The meeting included an educational component as well. The technical session highlighted the National Type Evaluation Program (NTEP) and included a background of the program, requirements, a certificate of conformance, pictures of NTEP testing, and visuals of the new combined NTEP lab and NCWM headquarters in Lincoln Nebraska. It was all a great meeting and experience.

Now that the 2025 Interim Meeting is past, I look forward to my work to make the NCWM mission: “Ensuring Equity and Uniform Standards in a Changing Marketplace,” continue to be relevant. There are many ongoing and new initiatives in place to support and move this mission forward. This column doesn’t have the space to touch base on everything happening, but I’ll mention a few activities.

Active planning continues for an EVSE Training School and Trade Show. This event continues to move forward through the efforts and hard work of the committee. Many of you heard the presentation given at the interim meeting for this event. There will be ongoing updates on this as it gets closer. If this may be of interest, please reach out to NCWM for additional information. We are excited and supportive of this first-ever NCWM training event.

The unit pricing initiative, led by NIST and fully supported by and in partnership with NCWM, continues to progress. The goal of this work is to update the NIST Special Publication 1181 Unit Pricing Guide and NIST Handbook 130 Uniform Unit Pricing Regulation. This will be of great assistance to jurisdictions that have unit pricing laws and will also benefit the retail industry. I continue to be a strong advocate for accurate retail and unit pricing and this work will assist with improving unit pricing accuracy in retail stores as well as addressing e-commerce applications.

Chair's Column

Over the last several years the NCWM has added task groups and subcommittees while maintaining many of those already in place. I'll mention some newer groups including Woman in Weights & Measures, Member Education and Mentorship, and Metrology subcommittees. These and others greatly complement our more established committees, subcommittees and task groups, all working toward goals in their respective areas.

As you read this, we are close to our annual Weights & Measures Week celebration. In my 36-year career in Vermont Weights and Measures, I have had great satisfaction and some fun with this event. I have had the opportunity to contribute with numerous articles, presentations, a video, and much promotion and advocacy. I have very much enjoyed explaining what Weights & Measures Week is, which prompts people to ask more questions about what we do and why we do it. What a great opportunity to engage with our administrations, elected representatives, industry, media, and the public!! I hope many of you can do something for Weights and Measures Week, and that you have some enjoyment while doing so.

The NCWM has a long tradition of developing uniform standards in partnership with regulatory officials, industry representatives, and technical advisors. As I continue to make appointments to committees, subcommittees and task groups, I am amazed and surprised, but most of all grateful and appreciative of the many volunteers who come forward to be a part of these groups in support of NCWM's mission. I have appointed six more volunteers to various groups in the last two weeks alone. It is apparent that people have a passion for what they do. It is through all these ongoing initiatives, ever-changing moving parts, and the work of the organization, its members, and volunteers that NCWM continues "Building a Lasting Legacy."

I wish you all well, stay safe and continue the good work,

Marc

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Specifications and Tolerances Committee Interim Meeting Summary

The 2025 Specifications and Tolerances Committee Interim Agenda, along with presentations and comments provided to the committee, are available on the NCWM website, Oral comments for these agenda items were heard during the Open Hearings at the Interim Meeting and all of the aforementioned were considered by the Committee when assigning the following statuses for each item as follows:

Voting Items:

GEN-25.1 G-S.5.6. Recorded Representations

The updated language posted to NCWS's website was presented during open hearings and considered by the committee. The committee assigned voting status to the item.

SCL-25.4 S.1.2.2.2. Class III, IIIL, and IIIL Scales. And S.1.2.2.2. Weights Classifiers

The committee has assigned a voting status to the item.

SCL-25.2 Table S.6.3.a. Marking Requirements and Definitions

The committee has assigned a voting status to the item with the submitter's edits to the formatting.

SCL-25.5 T.N.2.4 Multi-Interval and Multi-Range (Variable Division-Value) Scales. 118

The committee has assigned a voting status to the item.

AWS-24.1 N.1.5. Test Loads., N.1.5.1. Initial Verification Test Loads, N.1.5.2. Subsequent Verification., N.2. Test Procedures -Weigh-Labelers., N.2.1. Non-Automatic Tests., N.2.1.3. Shift Test., N.2.2.1. Automatic Tests Non-Automatic for Weigh-Labelers., N.2.2.2. Automatic Tests for Automatic Checkweighers., N.3. Test Procedures - Automatic Checkweigher., N.3.1. Tests Non-Automatic., N.3.2. Automatic Tests., Table N.23.2.2. Number of Sample Weights per Test for Automatic Checkweighers

The committee has assigned a voting status to the item.

Specifications and Tolerances Committee Interim Meeting Summary

Developing Items:

SCL-25.3 UR.3.14. Zero-Balance Recorded Weight and Forklift

This item was assigned as developing.

HGV-25.1 S.1.1.4. Advancement of Indicating and Recording Elements., S.11.5. Proving Indicator., S.2.2. Provision for Sealing., S.4.3. Temperature Compensation., S.4.4. Badge Identification., N.3. Test Drafts., N.4.1. Normal Tests., and Appendix D. Definitions register

This item was assigned developing.

FMT-25.1 UR.1. Installation

This item was assigned developing.

Informational Items:

SCL-25.1 S.5.2..S.6., and UR.3.1.

The committee has assigned an informational status to this item.

LMD-24.2 N.4.1. Normal Tests.

The updated language posted to NCWM's website was presented during open hearings and considered by the committee. The committee assigned an informational status to this item.

Block 1

TNS-25.1 Section 5.60. Transportation Network Measurement Systems - Tentative Code

TXI-25.1 5.54 Taximeters Transportation-For-Hire Systems

The committee has assigned an informational status to this item.

Withdrawn items:

HGM-23.1 UR.3.8. Safety Requirement

The committee has assigned a withdrawn status to this item.

MDM-25.2 and MDM-25.3

These items have been withdrawn, they have been incorporated in MDM-25.1

Specifications and Tolerances Committee Interim Meeting Summary

Voting Items:

VTM-25.1 UR.2.2. Recording Element

The committee has assigned a voting status to the item.

MDM-25.1 A.2.2 Other Devices Designed to Make Multiple Measurement Automatically to Determine Volume

The committee accepted the amended language vetted through the MDMD work group and Volume focus group. This includes the following sections: Applications, Specifications, Tolerances, and Notes, which are part of MDM-25.2 and MDM-25.3. MDM-25.1 now incorporates all sections, resulting in the withdraw of MDM-25.2 and MDM-25.3.

OTH-25.1 2.26 Weigh-In-Motion Systems Used for Vehicle Direct Enforcement

The updated language posted to NCWM's website was presented during open hearings and considered by the committee, The committee assigned voting status to the item.

Block 3:

VTM-23.2 Table T.2. Tolerances for Vehicle Mounted Milk Meters.

MLK-23.2 Table T.1. Tolerances for Milk Meters

The committee has assigned a voting status to the item.

Assigned Items:

SCL-22.2 UR.3.1.X Required Minimum for Cannabis Products

The committee decided to keep this item assigned to the NCWM Cannabis Task Group

Developing Items:

SCL-24.2 Multiple Sections Regarding Tare

New Language was recently introduced and subsequently published in Pub 15. This language was considered, and the item was assigned as developing.

Laws and Regulations Committee Interim Meeting Summary

The 2025 Laws and Regulations Committee Interim Agenda, along with presentations and written comments provided to the committee, are available on the NCWM website. Oral comments for these agenda items were heard during the Open Hearings at the Interim Meeting and all of the aforementioned were considered by the committee when assigning the following statuses for each item as follows:

Voting Items:

MOS- 24.2 2.26.3.1. Tare Weights, Part (c) Allowable difference

As amended by the submitter, pending response to the NCWM letter from the US DOT.

MOS-25.1 2.21.2. Metered Sales by Volume

FLR-25.2 7. Test Methods and Reproducibility Limits

Block 1

MOS-25.2 2.40.1. Premium Diesel Fuel

LR-25.1 2.2.1. Premium Diesel Fuel

Block 2

FLR-24.1 3.11.2.1.X Identification of Grade. and 3.12.2.X Identification of Grade

Block 3

MOS-24.5 Section 1.7.1. Factory Packaged Ice Cream and Similar Frozen Products

Laws and Regulations Committee Interim Meeting Summary

Voting Items:

Block 4

POL-25.1 2.6.12 Point-of-Pack Inspections Guidelines

NET-25.1 1.2.6.1. Applying a Moisture Allowance Consideration, 2.3.8. Moisture Allowance Considerations, 4.10.2.2. Moisture Shrinkage Allowance Consideration for Structural Plywood and Wood-based Structural Panels, 4.11.2.1. Shrinking Allowance Consideration

Assigned Items:

OTH-24.1 X. Uniform Shipment Law

Developing Items:

OTH-07.1 Fuels and Lubricants Subcommittee

Withdrawn Items:

PAL-25.1 Section 1. Application

MOS-25.3 3.3. Labeling of Machines that Dispense Packaged Products

Professional Development Committee Interim Meeting Summary

The 2025 Professional Development Committee Interim Report consists of 6 informational items. A presentation was provided to membership by the Committee, providing details on each item. The PDC designated the status for each of the agenda items as follows:

Informational Items:

EDU-1 Professional Certification Program

EDU-2 Training

EDU-3 Instructor Improvement

EDU-4 Recommended Topics for Conference Training

PNT-1 Safety Awareness

PMT-2 Skimmer

SILO TANK HOPPER



563YS30

Capacity: 500lb - 20Klb

STAINLESS STEEL IP68

*Alloy Steel option also available

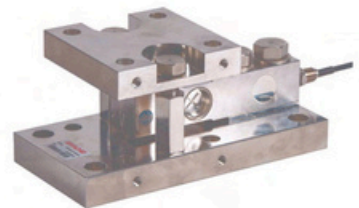


563YSM3-02

Capacity: 500lb - 10Klb

STAINLESS STEEL IP68

*Alloy Steel option available



102DH

Capacity: 5Klb - 250Klb

ALLOY STEEL IP67

*Stainless Steel option available



102DHM3

Capacity: 5Klb - 200Klb

ALLOY STEEL IP67

*Stainless Steel option available



363TSM1

Capacity: 1Klb - 200Klb

STAINLESS STEEL IP68

*Alloy Steel option also available



101NSGS

Capacity: 50lb - 20Klb

STAINLESS STEEL IP67

*Alloy Steel option available



Coming up....

110th NCWM Annual Meeting

July 13th – 17th | Reno, Nevada

The Annual Meeting is the high point of our year where all the hard work pays off. At this meeting, stakeholders will debate important proposals to amend the United States standards for weights and measures. When the debating is done, the votes will be cast

Our committees have their work cut out for them with some very full and diverse agendas. Committee agendas are available on our [Publication 16 page](#).

Meeting Location

Silver Legacy Resort Casino
407 N Virginia Street
Reno, Nevada 89501
(833) 410-3767

Room Rate: \$99

Reservation Discount Deadline: June 20th, 2025

[Make your Hotel Reservation Now!](#)

Events

The Chairman's Reception will honor Marc Paquette from the State of Vermont. The reception will be Sunday, July 13th, from 5:30pm – 7:00pm. The reception attire is business casual.

Our Special Event is on Wednesday, July 16th, where we will enjoy a relaxing evening with colleagues and friends at Greater Nevada Field!

REGISTER NOW

Register by June 20th to secure discounted rates

Things to do in Reno, Nevada



Local Sights

- Visit the Reno Riverwalk District
 - Hike the Tahoe Pyramid Trail
 - Visit Pyramid Lake
- Visit National Automobile Museum
 - Try your luck at Atlantis Casino
 - Visit Nevada Museum of Art
- Visit Terry Lee Wells Nevada Discovery Museum
 - Visit the Animal Ark
- Visit Fleischmann Planetarium and Science Center
 - Take a drive to Lake Tahoe

Local Cuisine

- Ramsay's Kitchen Reno at the ROW
 - Piezzetta
 - Los Gallos Taqueria
 - Estella
- Louis' Basque Corner
 - The Fe
 - Mellow Fellow
- Dubs Sports Lounge
 - Wild River Grill
 - Smith and River

The Meetup



Elisa Stritt
NCWM Director of Operations

Did you know our Annual Meetings rotate every year through our four regions? This allows for more accessible travel for members who might not otherwise have the option to fly across the country. This also supports the regional associations by allowing attendees to visit their beautiful cities. The upcoming Annual Meeting takes us to the western region where we will spend the week in Reno, Nevada. In our 120-year history, we have never held an annual or interim meeting in Reno, although we were close in 2003 in Sparks!

The 110th Annual Meeting will be held at the [Silver Legacy Resort Casino](#), part of [The Row Reno](#), a city within a city. There are 25 restaurants, 23 bars and lounges, and 11 nightspots within The Row, which occupies most of downtown Reno. Guests will have access to three casinos, Eldorado, Circus Circus, and Silver Legacy, all while walking indoors under one roof.

The Silver Legacy and The Row are in the Arch District. The Arch District is renowned for its iconic landmark, the Reno Arch, which proudly boasts the city's nickname, "The Biggest Little City in the World". The Reno Arch is featured in films like Kingpin, Sister Act, Cobbs, The Wizard, and Waking Up in Reno.

Steps away from the Arch District is the Reno Riverwalk District. Riverside Walkway offers scenic views of the Truckee River, landscaped paths, art sculptures, and adjacent parkland.

The Meetup

This is the perfect post-meeting escape for leisurely strolls and exploration. You'll find eclectic dining, boutique shopping, and celebrations of Reno's arts and culture in outdoor art installations.

A quick ten-minute walk from The Row will take you to Freight House District, a year-round entertainment complex attached to the Aces Ballpark in east downtown Reno. The area offers restaurants and bars and is a fun expansion from the historic downtown. Catch a baseball game Saturday evening or Sunday afternoon (both vs Tacoma); there are no more games that week because it is All-Star Week.

Our Wednesday evening special event will bring us back to Greater Nevada Field, home of the Reno Aces, as we have bought out the venue for our end-of-week celebration. Make sure you opt-in for the special event when you register! We will enjoy a relaxing evening outdoors with music, back-of-house stadium tours, an open bar, and buffet dining.

Stay updated on future meeting dates and locations by checking out our [website](#). We look forward to seeing you in Reno!



A dark blue background with a large, stylized baseball graphic. The baseball is oriented vertically, with its red stitching visible along the left and right edges. The stitching consists of red thread forming a series of 'V' shapes. The background is a solid dark blue.

ANNUAL MEETING SPECIAL EVENT

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an evening
at*

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NEVADA
FIELD**

**WENDESDAY
JULY 16TH, 2025**

**A CASUAL EVENING
NETWORKING WITH
FRIENDS AND COLLEAGUES
WHILE ENJOYING AND
OPEN BAR AND BUFFET
DINNER**

Event Calendar 2025

April

28th - 1st | NEWMA Annual Meeting
Burlington, Vermont

May

7th | NTEP MDMD Work Group Meeting
Reynoldsburg, Ohio

19th-22nd | CWMA Annual Meeting
Duluth, Minnesota

August

5th | NTEP Grain Analyzer Sector Meeting
Kansas City, Missouri

19th-20th | NTEP Weighing/Belt-Conveyor Sector Meeting
Lincoln, Nebraska

20th-21st | NTEP Software Sector Meeting
Lincoln, Nebraska

September

7th-11th | WWMA Annual Meeting
Helena, Montana

16th-17th | NTEP Measuring Sector Meeting
Pensacola Beach, Florida

October

26th-29th | SWMA Annual Meeting
Greenville, South Carolina

Looking Forward

2026 Interim Meeting

January 11th-14th | Mobile, Alabama

The Interim Meeting is where our standing committees come together to hear testimony on new proposals brought forth from the regional meetings as well as carryover items from the previous year. In additions, the committees will determine the status of each item for the voting session of our Annual Meeting in July. Presentations, testimony, and work sessions will occur throughout the week.

Committee agendas will be available on our [Publication 15 page](#).

Meeting Location

Renaissance Mobile Riverview Plaza Hotel
64 S Water Street
Mobile, Alabama 36602

Group Rate: \$114 Prevailing Government Per Diem

[Make your Hotel Registration Now!](#)

Reservation Discount Deadline: December 18th, 2025

Event

The Chairman's Reception will honor Kevin Schnepf from the State of California. The reception will be Sunday, January 11th, from 5:30pm-7:00pm. Dress is business casual.

REGISTER NOW

Register by December 18th to secure discounted rates



Jeff Gibson
NCWM - NTEP Administrator

NTEP Certificate Status: What is the difference between Active and Inactive?

When searching the NTEP Certificate of Conformance (CC) database, one of the selections is labeled "Status". Additionally, when viewing certificate information, one of the column headings is "Status", with an indication of "Active" or "Inactive" for each certificate. A common question asked of NTEP relates to the meaning of the two terms, active and inactive. These questions have been posed by Weights and Measures regulatory officials, service companies, manufacturers, and certificate holders. What is the difference? Why does it matter? Does inactive status mean the device installed, approved, and in use is no longer traceable to the certificate? Does inactive status mean the certificate is no longer valid? We will answer those questions in this article.

The definitions of active and inactive status are found in NIST Handbook 130, Uniform Regulation for National Type Evaluation, Section 2., which defines an "Active Certificate of Conformance" – A document issued based upon testing by a Participating Laboratory, which the certificate holder maintains in active status under the National Type Evaluation Program NIST Handbook 44 (Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices), and test procedures contained in NCWM Publication 14. By maintaining the Certificate in active status, the Certificate holder declares the intent to continue to manufacture or remanufacture the device consistent with the type and in conformance with the applicable requirements.

NTEP Column

A device is traceable to an active CC if (a) it is of the same type identified on the Certificate and b) it was manufactured during the period that the Certificate was maintained in active status. For manufacturers of grain moisture meters, maintenance of active status also involves annual participation in the NTEP Laboratory On-going Calibration Program, OCP (Phase II).

NCWM Publication 14 defines the two terms as follows.

"Active Status" – Devices are being manufactured or remanufactured for commercial application under a NTEP Certificate of Conformance. This means that the Certificate of Conformance is in force with an electronic copy of the Certificate of Conformance issued and distributed and all fees have been paid. (Note: The fees refer to the applicable annual maintenance fee for active NTEP certificates, paid by the certificate holder.)

"Inactive Status"—An inactive Certificate of Conformance is a Certificate that was previously active, but the devices are no longer being manufactured for commercial applications subject to local regulations or laws; however, devices already manufactured, installed, or in inventory but not yet sold may be used, sold, repaired, and resold under inactive Certificates of Conformance.

What does Active mean?

Active means the NTEP certificate holder plans to continue manufacturing new devices of the same type traceable to the NTEP certificate and has paid the annual maintenance fee.

What does Inactive mean?

Inactive means the certificate holder has discontinued manufacturing the device type listed on the NTEP certificate of conformance.

NTEP Column

Why is certificate status important information?

W&M administrators and regulators need to understand that inactive certificates cover devices manufactured prior to the date the certificate became inactive and are in inventory at the manufacturing facility, in inventory at a distributor's facility, removed from a site for remanufacturing (to the same type) or repair then reinstalled; and resold. Certificate holders must understand that the annual certificate maintenance fee must be paid for each active certificate if they intend to continue manufacturing the device. Grain moisture meter certificate holders must understand that they must pay the annual maintenance fee and participate in the ongoing calibration program to keep the certificate active. Load cell certificate holders must understand that they must pay the annual certificate maintenance fee.

Does inactive status mean the device installed, approved and in use is no longer traceable to the certificate?

Devices already manufactured, installed, or in inventory but not yet sold may be used, sold, repaired, and resold under inactive Certificates of Conformance.

Does inactive status mean the certificate is no longer valid?

An active certificate is still valid for devices already manufactured, installed, or in inventory but not yet sold. The devices may be used, sold, repaired, and resold traceable to the inactive Certificates of Conformance, which is why inactive certificates are still posted and available on the NTEP certificate database.

As a Regulatory Authority, if I find a device that has just been installed and the certificate status is "inactive", how can I determine the date when the device was manufactured?

The NTEP Certificate of Conformance database will tell us the date a certificate became inactive. Some devices include date of manufacture information, but that information is not a Handbook 44 marking requirement, so most do not. The best course of action is to obtain the manufacturer, model, and serial number of the device in question.

NTEP Column

Then contact the NTEP certificate holder, who, with that information, should be able to provide the date the device was manufactured.

If you have additional questions or would like to discuss the content of this article, please contact Jeff Gibson, NTEP Administrator, at jeff.gibson@ncwm.com





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CALM Article



Lisa Corn



Kate Smetana

How CALM facilitates growth:

CALM plays a pivotal role in fostering professional and organizational growth within our legal metrology community. CALM's inclusive platform encourages knowledge sharing and collaboration across all our state programs. Monthly webinar meetings, an email listserv, in person collaboration at NCWM meetings, and (hopefully) soon an in-person workshop at NIST's CRMAP offer multiple avenues for members to expand their technical skills. It's an unprecedented opportunity to stay updated on practices, procedures, and equipment and to gain exposure to innovative best practices.

Growth is further facilitated through mentorship opportunities. New metrologists connect with seasoned metrologists in these meetings for guidance on challenges and help to navigate complex metrology laboratory issues. This exchange of expertise empowers individuals and strengthens the overall metrology field. Additionally, CALM streamlines communication between state labs. This communication ensures that resources, tools, and procedures are more effectively distributed and implemented, enabling all metrology laboratories to grow collectively rather than in silos. While not every member actively speaks or responds to emails, all members engage in their own way. Our monthly meetings provide opportunities for quiet learners to absorb information and grow at their own pace. The diversity of engagement styles within CALM bolsters our impact, even as those who remain behind the scenes benefit from the shared knowledge and expertise.

CALM Article

Addressing Challenges together:

One of CALM's defining strengths is its ability to bring metrologists together to tackle the unique and complex challenges faced in our field. The work of a metrologist is often unpredictable, requiring innovative solutions to problems that don't always have straightforward answers. In this way, metrologists often channel their inner MacGyver – thinking creatively, using limited funds and resources, and developing practical fixes to keep lab operations running smoothly. Recognizing the importance of this ingenuity, CALM recently hosted a “Lab Hacks” webinar, where metrologists shared some of their inventive and resourceful solutions to common lab challenges. From DIY air flow handling techniques to glove wearing tips, this session highlighted how metrologists overcome obstacles with creativity and collaboration. The exchange of ideas not only provided practical solutions but also reinforces the value of a supportive community where these unique challenges can be addressed together.

The sense of camaraderie within CALM ensures that metrologists know they're not alone in their odd daily struggles. We can rely on each other's expertise and creativity to find a solution – collectively problem-solving issues special to our field.

The Future of CALM

The future of CALM is bright, with plans to further enrich its offerings and strengthen our impact in the metrology community. As technology advances and industries require higher precision and accuracy, CALM aims to evolve to ensure metrologists continue to have this network of SMEs to connect with and institutional metrology knowledge is shared. A key focus moving forward is the continuation of our highly successful monthly technical webinar meetings.

CALM Article

These webinars provide metrologists with peer training and are designed to be practical and interactive, equipping metrologists with the tools they need to excel in their roles. The 2025 webinar schedule is already shaping up to be exceptional, with topics ranging from type of equipment used to lessons learned in Echelon I and II programs. Our meetings are designed to have SME speakers while being discussion driven, ensuring that we walk away with technical knowledge and actionable insights.

Metrologists are encouraged to visit the CALM website, www.calm-metrology.com, to explore upcoming events, watch technical laboratory tutorial videos, and more!

~Lisa Corn & Kate Smetana

STOWE RESEARCH INTERNATIONAL

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WEIGHTS AND MEASURES SOFTWARE

What is Equimetric Cloud?

Equimetric Cloud is the premiere data collection and management software program for weights and measures professionals. With Equimetric Cloud, you can:

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Save time and effort with an all-in-one package.

- ☑ Print clean and accurate documents for you and your customers.

Stowe Research International has spent 25 years evolving Equimetric Cloud to meet the growing administrative requirements of Weights & Measures jurisdictions.

- ☑ Track compliance levels and inspection results.

- ☑ Increase department productivity.

Plus, Equimetric Cloud can be custom-tailored to meet your department or jurisdictional needs.

"Our department has been using Equimetric for the past twelve years, and our staff (both Admins and Field Inspectors) have high praise for the application. We have reduced the time spent on billing by 30%, improved the efficiency of all program inspections, and rely on the flexible reporting interfaces to produce our department reports"

-Matthew Maiten

Deputy Agricultural Commissioner/Sealer Weights & Measures (Santa Barbara County, CA)

"I wholeheartedly recommend Equimetric to any Weights & Measures jurisdiction that wants a robust, reliable, and affordable solution to tracking all things W&M. The folks at Stowe Research have been reliable and efficient in creating solutions to the various issues we present them with. Equimetric has been able to meet our needs in all facets of our program and has demonstrated a great deal of flexibility"

-Andrew Kimura

Deputy Agricultural Commissioner/Sealer Weights & Measures (Santa Cruz County, CA)

Equimetric Cloud slashes risk exposure.

Is Equimetric accurate? Of course. Is it comprehensive? Yes.

Can I get my reports out on time? Absolutely.

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NTEP QUICK GUIDE

WHAT IS AN NTEP CERTIFICATE OF CONFORMANCE?

A certificate Issued by NCWM upon successful evaluation of a device, indicating the device tested is capable of meeting applicable Handbook 44 standards.

NTEP APPROVED VERSES LEGAL FOR TRADE

NTEP Approved: The evaluation demonstrated that the device is capable of meeting Handbook 44 standards.

Legal for Trade: The inspector has verified the device can be used and installed.

WHAT DOES AN NTEP EVALUATION COST?

All applications fees are due at the time the application is submitted to NCWM. Applications will remain on hold until all funds are received. This fee is non-refundable.

NCWM Member Rate: \$950 **Non-Member Rate:** \$1,425

Additional lab fees apply.

HOW LONG DOES AN NTEP EVALUATION TAKE?

It varies with the device type, any backlog that may exist at the laboratory, and if any corrective measures are required to achieve compliance. You will want to discuss progress and expectations directly with your assigned lab.

ACTIVE VERSES INACTIVE STATUS

Active: The devices are being manufactured or remanufactured for commercial use under an NTEP Certificate of Conformance (CC). The CC is in good standing and all fees are paid.

Inactive: An NTEP CC going inactive means that the manufacturer decided not to continue manufacturing the device associated with the CC. Devices already manufactured and installed, or in inventory but not yet sold, may be used, sold, repaired, and resold under the inactive CC as long as they were manufactured prior to the inactive status date.

WHAT ARE MAINTENANCE FEES?

NCWM charges an annual maintenance fee for all active CCs. By paying the maintenance fees, the manufacturer declares intent to continue manufacturing the device and agrees to the terms and conditions for renewal of the NTEP CC. Maintenance Fees are invoiced each year on October 1st.

[MORE INFORMATION CAN BE FOUND ONLINE HERE!](#)

One Tool: # 1 Inspection Software

WinWam Software

There is only one Software product that addresses all of your Weights & Measures Inspection needs. That tool is WinWam Software.

WinWam Software is a collection of four powerful modules, which can be purchased separately or together. All of the Weights & Measure modules have been built to perform inspections in accordance with NIST regulations.



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Package Checking

WinWam Package Checking Software is designed for W&M officials and quality assurance professionals in accordance with NIST Handbook 133. WinWam Package Checking Software guides you through

the inspection process. Cost Error, MAV, calculated for each test. Color displays allow easy identification of Pass Fail or Gray Areas. Some of the features include:

- Category A & B Sampling Plans

- Automatically Calculates MAV's Normal USDA Standard, USDA Fluid, Bark Mulch, Polyethylene Sheeting
 - Allow variations due to moisture loss.
 - Calculates SEL and Standard Deviation
 - Dynamically calculates Rc/Rt for tare
 - Calculates conversion factors for volume inspections
 - Calculates Cost Error, Average Error, Average Cost Error % Error



Device Inspection

WinWam Device Inspection Software is designed to perform and record Handbook 44 inspections. WinWam

Device Inspection Software supports all devices specified in Handbook 44 including but not limited to: scales, (apothecary, computing, livestock, shipping, vehicles, etc.), meters, LP Gas, LMD, linear devices, timing devices, etc. Whether Acceptance or Maintenance WinWam calculates tolerances for nearly all tests.

WinWam Device Inspection Software provides a comprehensive database of business establishments with a complete inventory of devices. Full detail inspection data allows management the ability to better measure economic impact of the W&M program

Price Verification

WinWam Price Verification Software is designed in accordance with NIST Handbook 130. The Software runs standalone or with a handheld scanner. Software calculates error, lot cost error, net dollar error and calculates Over / Under Ratio. Accommodates Intentional Under-charge and Not On File.

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Hypertext Handbooks are a collection of on-line reference manuals in which the user can view government regulations, search on a particular topic and print any part of the handbook with the touch of a button

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Safety Column



John Bell
Missouri Department of Agriculture

I know the weather, at least in the United States, can vary greatly from North to South and East to West. Here in Missouri the cold weather usually occurs between December and February with some frigid days in late November and early March. The extreme heat begins around May or June and goes till August or September. Not to mention the drought, snowfall, tornadoes, severe thunderstorms, and flooding. All that being said, it's a good idea to use this NCWM Newsletter's Safety Column to discuss the topic of Severe Weather.

Here in Missouri, we are no stranger to heavy rain and flooding, high winds, lightning, hail, and tornadoes. When severe weather approaches, we need to be aware of the dangers and be prepared to act when alarms are activated. No matter where you are located in an office building, if an emergency warning system is activated, all personnel should get up and move to a "Storm Safe Area." These areas are designated by safety professionals and are posted to direct you to a safe area away from flying glass and debris should a window break. If you work remotely then you should avoid windows, go to the lowest floor, small center room (like a bathroom or closet), under a stairwell, or in an interior hallway with no windows. Crouch as low as possible to the floor, facing down; and cover your head with your hands.

I personally do not have any experience with hurricanes, but would advise evacuating when ordered and adhere to the following rules regarding rain and wind.

Safety Column

For Weights & Measure inspectors and individuals driving in vehicles:

- Flooding after a downpour can come unexpectedly. If there is water on the roadway avoid driving into it. Water can hide depth, so even if it looks shallow enough to cross, it may not be safe. If possible, drive to higher ground and wait for the flooding to subside.
- Trees are not safe during heavy hail, but buildings are. Drive under a shelter to help minimize damage to the vehicle; shelters include parking garages and similar places. Set your headlights to low beams and drive slowly. Driving in hail is similar to driving in the rain, but the ice has a greater chance of causing damage (including damaging windows) and can be difficult to drive on, particularly when thick.
- Be aware that larger vehicles are more affected by the wind than smaller ones and allow extra room around other vehicles. It may be difficult for drivers to maintain a straight heading; the winds may push them towards other lanes, and remaining close can significantly increase the chances of a collision. Sudden changes in wind speed can cause you to over-correct your speed or heading, so drive slowly to reduce the chance of swerving off the road or into another vehicle.
- Remember that flashes of lightning can blind you and make it difficult to see hazards. As with the winds that may accompany it, slowing down will help, and so will pulling to the side of the road and turning on the emergency flashers. This will help ensure that other drivers can see your vehicle. Furthermore, you should remain inside your vehicle and avoid touching metal.
- Do not remain under trees. They can be struck by lightning and collapse on top of your vehicle.
- Do not drive during tornado conditions. If the tornado is far enough away and road options and traffic allow, you should try to find a substantial building for shelter. Follow the basic tornado safety guidelines (get in - get down - cover up). Motorists have found truck stops, convenience stores, restaurants, and other businesses to be adequate shelters in a tornado situation. Walk-in coolers can sometimes make a good shelter.

Safety Column

·While you should never try to outrun a tornado in your vehicle, you may, in some situations, be able to get out of the tornado's way by driving out of its path, or simply stopping and allowing the tornado to pass. Again, this can be extremely dangerous unless traffic, time of day and road options allow you to see the tornado, determine which way it's moving (and how fast), find a road option that will take you out of its path (while avoiding other storms) and to safe shelter.

The worst-case scenario for motorists would be to be trapped in your vehicle on the road with no escape possible. This scenario could occur in more densely populated areas, in metropolitan areas at rush-hour or in high traffic situations, or on limited access roadways, such as interstates or turnpikes, where it might not be possible to quickly exit and find safe shelter. It is in these situations when it may become necessary to leave your vehicle and seek shelter in a ditch, culvert or low spot.

For Extreme Hot Weather:

When extreme heat comes in the summer be sure to dress in loose and cool fabrics. Drink plenty of water and be sure to have a water source close at hand. Use the shade and/or fan as much as possible and work under canopies if available. Be aware of the health issues that can be caused by extreme heat.

·Heat Cramps - muscle pains and spasms due to heavy exertion. Although heat cramps are the least severe, they are often the first signal that the body is having trouble with the heat.

·Heat Exhaustion - typically occurs when people work in a hot, humid place where body fluids are lost through heavy sweating. Blood flow to the skin increases, causing blood flow to decrease to the vital organs. This results in a form of mild shock. If not treated, the victim's condition will worsen. Body temperature will keep rising and the victim may suffer heat stroke.

·Heat or Sun Stroke -a life-threatening condition. The victim's temperature control system, which produces sweating to cool the body, stops working. The body temperature can rise so high that brain damage and death may result if the body is not cooled quickly.

Safety Column

For Extreme Cold Weather:

Be aware of the health issues that can be caused by extreme cold.

- Frostbite - These include loss of feeling and white or pale appearance in extremities such as fingers, toes, ear lobes, and the tip of the nose. If symptoms are detected, get medical help immediately.
- Hypothermia - These include uncontrollable shivering, memory loss, disorientation, incoherence, slurred speech, drowsiness, and apparent exhaustion.
- Avoid overexertion when shoveling snow. If you must shovel snow, stretch before going outside and take frequent breaks.
- Be cautious when walking outside and lookout for ice.

When traveling in cold weather be sure to:

- Carry a winter weather kit in your vehicle.
- Listen to radio or television for weather reports and emergency information.
- Try and dress in layers of loose fitting, lightweight warm clothing rather than one layer of heavy clothing. Wear gloves and a hat. Cover your mouth with a scarf to protect your lungs. Protect your lungs from extremely cold air by covering your mouth when outdoors. Keep dry. Change wet clothing.
- Drive only if necessary. If you must drive, travel in the day, don't travel alone, and keep others informed of your schedule. Stay on main roads, avoid back road shortcuts. If you need assistance while on the road, or need to report an accident, broken down car, or vehicle off the road, call the local Highway Patrol or Police.

If a blizzard traps you in the car: Pull off the highway, turn on hazard lights and hang a distress flag from the radio antenna or window. Remain in your vehicle where rescuers are most likely to find you.

Safety Column

Do not set out on foot unless you can see a building close by where you know you can take shelter. Be careful: distances are distorted by blowing snow. A building may seem close but be too far to walk to in deep snow. Run the engine and heater about 10 minutes each hour to keep warm. When the engine is running, open an upwind window slightly for ventilation and periodically clear snow from the exhaust pipe. This will protect you from possible carbon monoxide poisoning. In extreme cold, use road maps, seat covers, and floor mats for insulation. Huddle with others in the vehicle and use your coat for a blanket. Take turns sleeping. One person should be awake at all times to look for rescue crews. Drink fluids to avoid dehydration. Be careful not to waste battery power. Balance electrical energy needs - the use of lights, heat, and radio - with supply. Turn on the inside light at night so work crews or rescuers can see you. If stranded in a remote area, stomp large block letters in an open area, spelling out HELP or SOS and line with rocks or tree limbs to attract the attention of rescue personnel who may be surveying the area in the air. Leave the car and proceed on foot - if necessary - once the blizzard passes. (MO Department of Safety, SEMA)

There are a variety of weather apps out there that may also help warn you if severe weather is approaching especially if you live in more rural areas without warning sirens. Weather radios are also a valuable tool in these situations. Stay safe out there “whether” the conditions are favorable or not.





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ARE YOU RETIRING

Soon?



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Retirees can email [Elisa](#) to update
membership status

Women in Weights and Measures Article



Cheryl Ayer
Women in Weights and Measures - Chair

The National Council on Weights and Measures made a remarkable step forward when it voted to change the focus of our organization from Conference to Council.

Council: noun, an advisory, deliberative, or legislative body of people formally constituted and meeting regularly.

Councils play a vital role in fostering collaboration, decision-making, and progress within communities and organizations. They bring together individuals with varying backgrounds, experiences, and expertise to deliberate on important issues and chart a course of action that serves the collective good. A key strength of councils lies in their ability to unite diverse perspectives, ensuring that no single voice or viewpoint dominates the conversation. This diversity enriches discussions, enhances creativity, and leads to more well-rounded decisions that benefit everyone. Without a broad range of opinions, blind spots may persist, limiting the council's capacity to address complex challenges effectively and members of NCWM are no strangers to complex challenges.

Women in Weights and Measures Article

During open hearings, individuals may come with firm convictions regarding proposals on the current NCWM agenda. Openness to others' opinions can lead to meaningful growth. Through active listening and thoughtful consideration of alternative perspectives, we often find our understanding deepening, enabling us to see issues in a new light.

This process of dialogue and reflection is crucial in finding common ground and building consensus. It fosters mutual respect among our NCWM members, emphasizing that no single perspective holds all the answers. By embracing this collaborative spirit and valuing diverse viewpoints, councils can not only resolve differences but also create solutions that are inclusive and representative of the stakeholders we serve.

The Women in Weights and Measures Sub-Committee embraces the name change of our national organization and look forward to the unification of diverse perspectives and mutual understandings.

EVSE

Training for W&M Inspectors and Service Agents

Please join us for NCWM's first ever EVSE Training for Weights and Measures inspectors and Service Agents in Denver, Colorado in August 2025.

This will be a 3-day event focusing including hands-on and classroom training.

Please visit our [event page](#) to find out more!



The State of Illinois

Loading Rack and Vehicle Tank Meter Training – 2025

**Please reach out to Steve Carter if
you are interested in participating!**
steve.carter@illinois.gov

New Slate of Officers Nominated

The NCWM Nominating Committee announced the 2025 nominees to the Board of Directors at the Interim Meeting in Charleston, South Carolina. The Nominating Committee gives careful consideration to professional experience, individual qualifications, conference attendance and participation, and other factors of importance in selecting officers who will lead this organization into the future. Those who are elected will selflessly give of their time and talents for the betterment of the NCWM mission.

The following slate will be presented for election at the 110th NCWM Annual Meeting this July in Reno, Nevada:

Board of Directors:

Chair-Elect - Jason Flint, New Jersey

Active Membership Central - Daniel Walker, Ohio

Associate Membership Committee - Ray Johnson, Fairbanks Scales

Congratulations on your nominations!



FEBRUARY

TIP OF THE MONTH



Buying Firewood: Avoid getting burned when buying firewood. Law requires that it be sold by the cord or fraction of a cord so that you can compare price and quantity before you buy. Packaged firewood is sold by cubic feet. You can report inappropriate advertising to your local Weights and Measures Authority.



BE AN EXHIBITOR AT THE 110TH ANNUAL MEETING

July 13th - 17th , 2025
Reno, Nevada

Use our meeting as a platform to support the growth of your business, inform, and teach the weights and measures community about the products or services you have to offer

PRICING:

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