



NCWM – NEWS

National Conference on Weights and Measures

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Chairman's Column

Tim Tyson — Kansas Department of Agriculture
Weights and Measures Division

Educating Today for Tomorrow

I hope this finds everyone well. Here in Kansas we are digging out from all of the snow and cold weather we have had. Many of you are doing the same. I am including a poem at the end of this article about Kansas winters. I would bet it would apply in many regions this year.

This year has been exciting for NCWM. We conducted training for new Board members, training for new committee chairs and for new committee members. All of those training sessions went very well and many said that these events should take place every year. NCWM has made the commitment to continue training members of our committees and new Board members.

The new committee chair and new committee member training was held at the NIST facility during the first part of November. The committee chairs training included a half day with me, Don Onwiler, Carol Hockert, and the NIST technical advisors. We discussed history, responsibilities, and efficiencies. All agreed that it was of great benefit. The new members joined for a day and worked with the technical advisors and chairs on what to expect in the upcoming year. They also had the opportunity to review the committee agenda items so that new members could have a better understanding of the issues as well as the history of the items before the committee.

This year also marked a change at the Interim Meeting formatting for the 144 attendees who traveled to Dallas in January. We started off the Sunday agenda with Task Group and Subcommittee meetings from 1:30 pm until 4:00 pm instead of the afternoon agenda reviews. The committees were notified of this change during their training at NIST in November so they held their agenda reviews prior to

coming to the meeting. We did schedule an hour after the meetings for the Standing Committees to meet and prepare for Open Hearings if they needed it. The task group sessions included Task Group on Printer Ink and Toner Cartridges and Task Group on Retail Motor Fuel Dispenser Price Posting and Computer Capability. The Fuels and Lubricants Subcommittee also met to discuss many issues on the Laws and Regulations Committee agenda. The conference went well, however many had to leave earlier than normal as the weather (snow) threatened to make travel impossible in many regions of the country.

At the Dallas meeting, the Board of Directors formed the new Packaging and Labeling Subcommittee to report to the Laws and Regulations Committee. I appointed Chris Guay, Procter and Gamble as the chair. This new subcommittee will report directly to the Laws and Regulations Committee. It will assist in the development of agenda items, but its role is larger than that. As we are focused on training and education, the subcommittee will be poised to provide much needed guidance for regulators and industry on consumer packaging issues. The Packaging and Labeling Subcommittee will have industry and regulatory representation and it will be important to include representation from federal agencies that have authority in this area. **Please contact me if you are interested in serving on this new subcommittee.**

The NCWM Certification Program has now become a reality. The first exam for Retail Motor Fuel Dispensers was launched in November, 2010. Congratulations to the Professional Development Committee for this accomplishment. A lot of hard work and hours have been put into achieving this milestone. As we look forward, more exams will become available this year and

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"NTEP Certificate Status - Active and Inactive" What is the difference? What does it mean?

When going to the NTEP Certificate of Conformance (CC) database one of the search criteria 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 (W&M) administrators, W&M regulatory officials, service agencies, device distributors, manufacturers and even certificate holders. What is the difference? Why is it important information? Does inactive status mean a device installed, approved and in use is no longer traceable to the certificate? Does inactive status mean the certificate is no longer valid? In this article we will answer those questions.

The definitions of active and inactive status are not hard to find. NIST, Handbook 130: Uniform Regulation for National Type Evaluation, Section 2., 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.

A device is traceable to an active Certificate of Conformance if:

- It is of the same type identified on the Certificate.
- 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 CC. This means that the CC is in force with an electronic copy of the CC 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 CC is a Certificate which 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 CC.

We can also find the NCWM Publication 14 definitions on the NCWM NTEP CC database search page at www.ncwm.net/certificates and even though the definitions cited above are not

identical, they share the same meaning and intent. Once we have found the definitions we can start to answer the questions posed.

Question: What is the difference between active and inactive status?

Answer: Active means the NTEP certificate holder intends to continue manufacturing new devices of the same type traceable to the CC and has paid the annual maintenance fee. Inactive means the certificate holder has discontinued manufacturing the device type listed on the CC.

Question: Why is certificate status important information?

Answer: It is important for W&M administrators and regulators to understand that inactive certificates cover devices manufactured prior to the date the CC 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:

- Certificate Holders: must pay the annual maintenance fee for each active certificate, if they intend to continue manufacturing the device.
- Grain Moisture Meter Certificate Holders: must pay the annual maintenance fee and participate in the OCP to keep the certificate active.
- Load Cell Certificate Holders: must pay the annual maintenance fee and submit a VCAP Audit Report.

Question: Does inactive status mean the device installed, approved and in use is no longer traceable to the certificate? Answer: No. Devices already manufactured, installed or in inventory, but not yet sold, may be used, sold, repaired and resold under inactive CC.

Question: Does inactive status mean the certificate is no longer valid? Answer: No. An active certificate is still valid for devices already manufactured, installed or in inventory, but not yet sold and the devices may be used, sold, repaired and resold traceable to the inactive CC. This is

why inactive certificates are still posted and available on the NTEP certificate database.

Question: As an administrator or regulator, 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? Answer: The NTEP CC database will tell us the date certificate became inactive. Some devices include date of manufacture information, but that information is not a *NIST, 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. Then contact the NTEP certificate holder who, given that information, should be able to provide the date the device was manufactured.

Hopefully, this article has helped eliminate some of the confusion and answer questions that may have been on your mind. If you have additional questions or would like to discuss the content of this article contact Jim Truex at jim.truex@ncwm.net

— Jim Truex, NTEP Administrator

Chairman's Column Continued

continued from page 1
years to come. It is our hope at NCWM that in the near future, jurisdictions will use this tool to certify their inspectors and that service companies will begin using this certification to fulfill testing requirements for many states. We know that all of this will take time; however, the possibilities are endless.

This spring we will also have the Online Position Forum up and running for *NCWM Publication 16*. We are excited to debut this as a means for exchange of information and viewpoints on agenda

items prior to the Annual Meeting in July. Watch for announcements from NCWM in May when we launch the program.

This year as we are "Educating Today for Tomorrow," we are becoming even more efficient and effective as an organization. The training today will have many benefits for NCWM and its stakeholders tomorrow. If you have any questions or would like to comment on any of these items, please email me at Tim.Tyson@kda.ks.gov. I hope to see everyone at the NCWM 96th Annual meeting in Missoula, Montana.

It's winter in Kansas
And the gentle breezes blow
Seventy miles an hour at thirty-five below.
Oh, how I love Kansas
When the snow's up to your butt
You take a breath of winter
And your nose gets frozen shut.
Yes, the weather here is wonderful
So I guess I'll hang around
I could never leave Kansas...CUZ
I'M FROZEN TO THE GROUND.

New Slate of Officers Nominated

The National Conference on Weights and Measures Nominating Committee (NCWM) chaired by Randy Jennings, Tennessee met at the 2011 NCWM Interim Meeting in Dallas, Texas to select a slate of candidates for officers of NCWM. 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 mission of NCWM.

The following slate will be presented for election at the NCWM 96th Annual Meeting this July in Missoula, Montana:

Chairman-Elect:

Stephen Benjamin, North Carolina

Board of Directors

Active Membership - Southern:

Terence McBride, Memphis, Tennessee

Board of Directors

At-Large:

John Gaccione, Westchester County, New York

Board of Directors

Treasurer:

Mark Coyne, City of Brockton, Massachusetts

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.

One Tool and # 1 Inspection Software. WinWam is the most widely used Weights & Measures inspection software on the market. Currently, thirty (30) states have purchased WinWam, along with numerous county and city governments.



Package Checking

WinWam Package Checking Software is designed for W&M officials and quality assurance professionals to perform standard and random inspections in accordance with NIST Handbook 133. WinWam Package Checking Software guides you through the inspection process. Error, MAV, Cost Error are 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.

Hypertext Handbooks

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.

2011 Hypertext Handbooks available now!

Nover Engelstein & Associates, Inc. Developers and sole source providers of WinWam Software

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2011 Interim Meeting
Steve Giguere



2011 Interim Meeting
Dallas, Texas

Committee News

2011 Interim Meeting

Specifications and Tolerances Committee

The 2011 Specifications and Tolerances (S&T) Committee Interim Agenda consisted of 10 items, 4 carry over items and 6 new items.

GENERAL CODE:

Item 310-1: Provisions for electronic components was again on our agenda. The committee agreed to **maintain the item as informational** until the NTEP Committee could provide feedback on the Weighing Sector's proposed new language for *NCWM Publication 14*.

Item 310-2: Identification (software) **will remain an informational item** to allow the Software Sector more time to work the item more thoroughly and resolve some language issues relating to G-S.1. and G-S.1.1.

Item 310-3: Non-retroactive requirements (remanufactured equipment) G-A.6. The committee considered the comments received during the Open Hearings and agreed that non-retroactive requirements should necessarily apply to all equipment that had been repaired or remanufactured. The **committee decided to revert back to the existing NIST, Handbook 44 language** for G-A.6. (a), (b), (c) and add an item (d) "devices, that have been modified to the extent that a new NTEP CC is required."

SCALES:

Item 320-1: Time dependence class II, III and IIII non-automatic weighing instruments. It was determined during the work session, with input from Darrell Flocken that this item was not needed and the committee agreed to **withdraw the item**.

Item 320-2: Creep recovery for load cells. The committee moved this item forward as a **voting item**. We consider this a housekeeping issue to align tolerances for class III and IIII load cells which was overlooked during a previous change in 2009.

BELT CONVEYOR SCALES:

Item 321-1: Check for consistency of the conveyor belt along its entire length. The committee agreed to move this item forward as a **voting item**.

VEHICLE TANK METERS:

Item 331-1: Thermometer well temperature determination. The committee agreed that this item should move forward as a **voting item**.

Item 331-2: Product depletion test. The committee heard concerns from the Meter Manufacturers Association (MMA) during the Open Hearings and agreed to keep this as an **informational item** to allow MMA time to provide additional

information on the item.

WATER METERS:

Item 336-1: Definition of utility type water meter. The committee agreed to move the item forward as a **voting item** as written and proposed by the Western Weights and Measures Association.

FARM MILK TANKS:

Item 442-1: Verification of master metering systems. Based on testimony from the Milk Market Administrator and discussions by members of the committee who's jurisdictions actively calibrate farm milk tanks, the committee agreed to move this item forward as a **voting item**.

The committee sincerely appreciates all the testimony offered during the Open Hearings as well as the written comments received prior to the Interim Meeting. The committee wishes to thank our technical advisors from NIST WMD and Measurement Canada for the invaluable services provided to the committee and the conference. I also want to thank all the members of the S&T committee for their willingness to work long hours to complete the agenda on time.

— Steve Giguere, Committee Chair
Maine Department of Agriculture

Laws and Regulations Committee

The 2011 Laws and Regulations (L&R) Committee Interim Agenda consisted of 18 items. The L&R Committee conducted its agenda review by conference call the week previous to the Interim Meeting. This allowed the Task Group on Printer Ink and Toner Cartridge and the Fuels and Lubricants Subcommittee to meet during what traditionally had been the committee's agenda review meeting time. Both groups later presented their respective reports to the L&R Committee.

L&R began the Open Hearings on Monday morning with a panel discussion on item 260-4 Handbook 133, "Seed Count for Agriculture Seed." Two presentations were given on the agenda item. The committee then returned to the agenda and received comments on the agenda items.

Of the 18 agenda items, four (4) were given voting status, seven (7) were given informational status, one (1) developing status and four (4) items were withdrawn from the agenda. The following is a summary of the committee's decisions for each agenda item.

Item 231-1 Handbook 130, Packaging and Labeling Requirements, Section 6, Declaration of Quantity: Consumer Products. This item was **withdrawn** from the agenda.

Item 231-2 Handbook 130, Packaging and Labeling Requirements, 6.12. Supplementary Quantity Declarations and 6.14. Qualification of Declaration Prohibited. This item moves forward as an **informational** item.

Item 231-3 Packaging and Labeling Requirements, Section 9. Prominence and Placement: Non-Consumer Packages. This item was **withdrawn** from the agenda.

Item 231-4 Handbook 130, Packaging

and Labeling Requirements, 10.4 Multi-unit Packages. This item was **withdrawn** from the agenda.

Item 232-1 Handbook 130, Method of Sale Regulation Section 2.13.4 "Declaration of Weight." This item moves forward as a **voting** item.

Item 232-2 Handbook 130, Uniform Regulation for Method of Sale of Commodities – Packaged Printer Ink and Toner Cartridges. This item moves forward as an **informational** item. The Task Group reported to the committee that it would continue work on the item.

Item 232-3 Handbook 130 Pelletized Ice. This item moves forward as a **voting** item.

Item 237-1 Handbook 130, Engine Fuel Quality Requirements for Hydrogen. This item moves forward as an **informational** item.

Item 237-2 Handbook 130, Definitions for Hydrogen Fuel for Internal Combustion Engines and Fuel Cell Vehicles. This item moves forward as a **voting** item.

Item 237-3 Engine Fuels and Automotive Lubricants Regulation, Section 3.15. Biodiesel and Biodiesel Blends. This item moves forward as an **informational** item.

Item 237-4 Handbook 130, Engine Fuels and Automotive Lubricants Regulation, Section 2.1.2. Gasoline-Oxygenated Blends and 2.1.3. Gasoline-Ethanol Blends. This item moves forward as an **informational** item.

Item 237-5 Handbook 130, Engine Fuels and Automotive Lubricants Regulation, Section 2.1.4 Minimum Motor Octane Number. This item moves forward as an **informational** item.

Item 237-6 Handbook 130, Engine Fuels and Automotive Lubricants Regulation. Labeling of Motor Vehicle Motor Oil. This item moves forward as a **voting** item.

Item 260-1 Handbook 133, Moisture Allowances Section 2.3.8. Moisture Loss for products not listed. The committee recommended a meeting of the Moisture Loss Work Group at the Annual Meeting this July in Montana. This item moves forward as an **informational** item.

Item 260-2 Handbook 133, Chapter 4.7. Polyethylene Sheeting – Test Procedure – Footnote Step 3. This item moves forward as a **voting** item.

Item 260-3 Handbook 133, Moisture Allowance for Pasta Products. A presentation was given on this agenda item. This item moves forward as a **voting** item.

Item 260-4 Handbook 133, Seed Count for Agriculture Seed. This item was **withdrawn** from the agenda.

Item 270-1 Fuels and Lubricants Subcommittee. There are a number of items the subcommittee is reviewing and an update on those items was given to L&R. The items move forward as **developing** items.

Many thanks to the L&R Committee, the Task Group on Printer Ink and Toner Cartridge and the Fuels and Lubricants Subcommittee for all their hard work. Also, thank you to NIST and Measurement Canada for their continued support and to NCWM membership for their participation in the Open Hearings.

— John Gaccione, Committee Chair
Westchester County, New York

Professional Development Committee

401-1 National Certification Program
The new National Certification Program (NCP) uses modern technology of online testing to extend access to

certification to all sectors of the weights and measures community. The NCP is available to all NCWM members (free) and non-members (for a modest fee).

The first exam on Retail Motor Fuel Dispensers exam was beta tested last year. Based on those results, changes
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Online Position Forum

The National Conference on Weights and Measures (NCWM) is excited to announce the launch of our new Online Position Forum (OPF) this spring. During the month of May, members will have the ability to view each item on the committee agendas for the upcoming Annual Meeting in July, provide a position for each item, include comments and even upload supporting documents. On June 1, the polling period will end and members will then be able to view what others have said on each item. Here is a preview of what you can expect to see.

You will first login to the website in the same manner you currently do with your Member ID and Password. The OPF will be located in the Members Only section of the website. Once in the polling area, you will see all of the 2011 Ballot Items organized by committee. The screen shot below is an example of how the Laws and Regulations Committee (L&R) ballot may appear. Each ballot is organized by category (ie. General, Weighmaster Law, etc.). The L&R categories correspond with the model laws and regulations as well as *NIST Handbook 133*. The Specifications and Tolerances Committee categories will correspond with the codes in *NIST Handbook 44*. If there are no agenda items in a category, that category will not appear on the ballot. Through quick and easy navigation, you will be able to expand and view all ballot items per category. When you click "Submit My Position" just below the item number, a new window will open and you will be able to enter your position, comments and upload supporting PDF documents.

- **Submit My Position:** Once this option is selected, you no longer have the ability to make changes to that item. Your position has now been saved and will be viewable by all members on June 1.

NAME: John Doe
Organization: XYX Company

Position:
☐ Support ☐ Support with Comment ☐ Oppose with Comment ☐ Neutral ☐ Neutral with Comment

Comment:

Attach File:
You may upload a pdf document to supplement your statement. You may remove or replace the document until you change your position to complete.

If you don't have a pdf generator, please click here to download one.

(file may not exceed 5 MB)

*You may change your comment or upload a file as many times as needed. However, once you click "Submit My Position", you will not be able to change your position. Canceling your position will remove your position completely and you will need to enter your comment and upload your file again.

It's that easy. Remember you have the entire month of May to submit your positions. On June 1, you will be notified that the polling has closed and you can now view what others have submitted. The login process and navigation remain exactly the same.

The following screen shots are examples of how the L&R ballot may appear on June 1, after the polling period has ended. There are a couple of options on how you may view positions submitted.

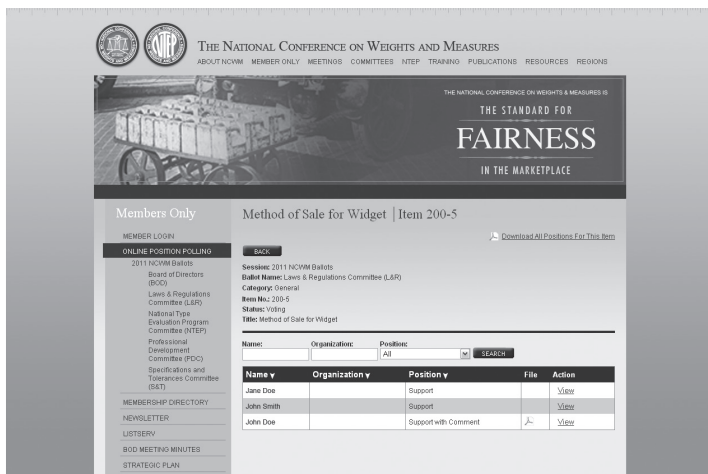
- **The link in the upper right hand corner "Download L&R Ballot – All Category Positions:"** allows you to see ALL of the positions for ALL of the L&R ballots.
- **The link in the header bar "Download All General Positions:"** allows you to see ALL the positions submitted for only the General category.
- **If you expand to view all items, and click on "View" and then "View All Item Positions:"** you can now see ALL the positions submitted for just that ballot item.



The next screen shot shows how the screen will appear for you to submit your position. Your name and organization will appear automatically. Once you have made your selections, you then have three options to choose from at the bottom of the window:

- **Cancel My Position:** Your entry on the item will be deleted.
- **Save and Come Back Later:** Your item will not be submitted yet. You can log out and come back later to finish. Please note if you do not come back and hit the "Submit My Position" during the month of May, your position will not be submitted for others to view.





It would take numerous screenshots to show the entire process, but it is very easy to navigate once you give it a try. NCWM staff is only a phone call away to assist you. Here are a few common questions and answers about the new polling system.

Question: Will I need special login credentials to access the OPF? Answer: No. You will use the same Member ID and Password you are currently using.

Question: Where will I find the OPF on the website? Answer: The OPF will be located in the Members Only menu starting May 1, 2011.

Question: Is my position considered an electric vote? Answer: No. The forum is not a voting mechanism and will not replace the Voting Session at the Annual Meeting. The OPF is an exchange of ideas meant to assist you in becoming fully informed for the Annual Meeting in July.

Question: Will my positions and comments be part of the official record of NCWM? Answer: No. This forum enables members to become more informed on agenda items prior to the Annual Meeting. The committees and Board of Directors may review the submitted positions prior to the Annual Meeting, but only comments submitted directly to the committees and Board of Directors through the traditional procedures

will be considered for inclusion in the NCWM Annual Report. It is important to make your voice heard during the Open Hearings at the Annual Meeting so that voting delegates can consider your comments. The content of the OPF will remain available to members, for up to three years, in the archive of the polling area.

Question: Will I be able to change my position? Answer: You will have the option during the month of May to save your work and come back later to review or change it. Once you click "Submit My Position" you no longer have the ability to make any changes.

Question: Will I be able to respond to comments from others online? Answer: No. This is not a blog format and you will not be able to see what others have submitted until June 1. By reviewing comments from others, you will be more prepared to support or defend your position in the Open Hearings at the Annual Meeting in July.

Question: Will content of the OPF be monitored? Answer: All positions are important, however NCWM will monitor content to ensure language is appropriate. NCWM staff is neutral on all items and will only look for inappropriate language.

Question: How do I convert documents to PDF format so they can be uploaded? Answer: Since Adobe Reader® is a free program and universally accessible, PDF was selected as the required format. Most programs provide an option to save as a PDF. You can also download the free software at www.get.adobe.com/reader.



In Memory of Daryl E. Tonini

Daryl Edward Tonini (USAF, Retired) passed away peacefully on 22 Oct. 2010, at home in Harrisonburg, VA. He was the son of the late George Fredrick Tonini and Marie Irene Fiori.

Mr. Tonini was born in Truckee, Calif., on 7 Nov. 1933. He is survived by his wife of 57 years, Shirley May Hancock and their children, Ross, Sheryl Tonini, Donna Tonini Budway (Robert), Christine Tonini Shields (Scott), Gregory (Raena), and Geoffrey (Nicole). He is also survived by his sister, Darla Tonini Gandolfo (Frank); his brother, David (Deborah); 19 grandchildren and two great-grandchildren. He was preceded in death by two grandsons.

Mr. Tonini was a faithful member of the Church of Jesus Christ of Latter-day Saints, an avid Scouter, and a member of the Valley R.C. Flying Club and Massanutten Amateur Radio Association.

PDC Continued

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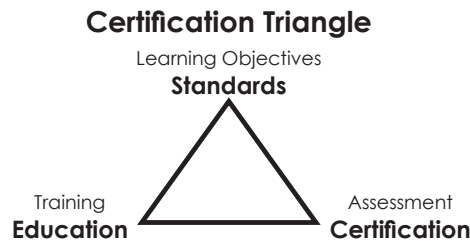
were made to the time allocation for segments of the exam, the passing score was adjusted to 70%, poor questions were addressed, exam instructions were improved, and a practice test was developed.

The revised RMFD exam was made available November 1, 2010. As of January 1, 2011, twenty-two (22) individuals had taken the exam a total of 28 times resulting in 21 certifications issued. This indicates that some took the test more than once to achieve a passing score. The average passing score was 82%.

The PDC is very pleased with these results and encourages states to promote and recommend employees to take the exam. We are already developing certification exams for package checking, small capacity scales, and vehicle tank meters. We are accepting input on priority areas to follow, including LPG, large capacity scales, taxi meters, and price verification.

Results of the beta and online exam indicate it will be very important as the program moves forward that trainers integrate the learning objectives into their materials and design courses in such a way that students will achieve the desired levels of learning. The PDC has placed great emphasis on the need to adopt all elements of the NCP – by focusing on the "Certification Triangle" which includes Standards (learning objectives), Education (Training), and Certification (Assessment). The goal is to apply (ADDIE) "Analysis, Design, Development, Implementation, and Evaluation" to all phases of the NCP. The PDC addressed the need to build partnerships between the states, NIST and NCWM. Each group has roles in

relation to the Certification Triangle. Details will be available in the PDC Interim report in *NCWM Publication 16*.



401-2 Instructor Improvement NIST WMD has expressed strong interest in collaborating with NCWM in efforts to educate instructors in adult learning techniques and relating them to the learning objectives in the NCWM curriculum. The PDC is calling on the states and other training developers to implement the "ADDIE" model in their training preparations and post training evaluation. Everyone needs to participate in the development of the curriculum segments and then encourage their trainers to use them in their training plans. See the PDC Interim Report for details of the "ADDIE" model.

401-3 Recommended Topics for Conference Training The PDC welcomes your suggestions for topics of training seminars, roundtables, or symposia for presentation at the NCWM meetings. Some subjects on the PDC's list of topics include:

- Hydrogen Measuring Systems
- Moisture Loss
- Economic Justification of Weights and Measures Programs
- Demonstrating the Value of Enforcement Programs
- Training the Trainer in Adult Learning Methods

The PDC recommends that regional associations and NCWM consider offering a NIST 1.5 hour course on taking

technical material and turning it into a course for adult learners.

402-1 Safety Awareness Jurisdictions are encouraged to send safety reports and issues to their regional safety liaison, who in turn will forward them to the PDC. The PDC also designates a region to provide a safety article for each NCWM newsletter. Regional safety liaisons are identified in the PDC Interim Report and on each region's website.

402-2 PDC Publication The PDC is updating the NCP Pages on the website. These website changes will be demonstrated during the NCWM 96th Annual Meeting. The three main sections of material include:

1. Program Administration – combines historical documentation (curriculum outline and work plan, etc.) with administrative procedures on administering exams and records of certifications.
2. Competency Standards – includes the curriculum segments that describe the objectives and measurable competencies that will be used in certification.
3. Certification Disciplines – includes one document per certification area delineating the standards from the curricula that will be covered in the exam and the weight of each competency.

All segments of the PDC publication will be posted online as they are developed. New pages within the NCWM website will be created for the curriculum disciplines and segments so that interested parties can easily find and utilize this material.

— Stacy Carlsen, Committee Chair
Marin County Weights and Measures

National Certification Program

Last fall, NCWM launched the new National Certification Program. This program verifies a person's working knowledge of various disciplines of weights and measures. The initial certification is for Retail Motor Fuel Dispensers (RMFD). Other exams are currently under development and will be available in the coming year. Congratulations to the following individuals who are certified for RMFD: Gayland Abbott, Jeff Anderson,

Todd Barrows, Mike Bollinger, Steven Burkhouse, Ping Chung, Rick Czech, Marty Holmberg, Lindy Johnson, Gary Kneissell, Dennis Lattimore, John Marsh, Scott McDonald, Tom Mundt, Jerry Napier, Josh Nelson, Ken Nelson, Anthony Pohl, Julie Quinn, Hector Rodriguez, Marjory Sanders, Nick Santori, Tim Sutton, Richard Tretter, John Walske, Pete Whebbe, Philip Woolfolk and Victor Zamora.

Announcing the NCWM 96th Annual Meeting!

Our members come together every year to set the standards for weights and measures in the United States. Our Annual Meeting is where the debates happen and the votes are cast for amendments in 2012.

So please join us **July 17-21, 2011** on the beautiful riverfront in downtown Missoula, Montana. The scenery is breathtaking and the decisions may affect you and your business for years to come. Register today to obtain the early bird rate at www.ncwm.net

Hotel Accommodations:

Holiday Inn Downtown at the Park
200 South Pattee Street
Missoula, MT 59802
www.holidayinn.com

Reservations:

(800) 399-0408 ext. 509

Please mention the "National Conference on Weights and Measures" to obtain the special group rate.

Room Rates:

\$104.00/per night plus tax

Reservation Rate Deadline:

Friday, June 10, 2011

Reasons You Should Attend:

- Build valuable working relationships with regulatory and industry colleagues
- Have impact on national weights and measures standards
- Learn about new trends and technologies
- Be at the forefront of developing items
- Promote your business or regulatory interests

Agenda:

Sunday

- Technical Meetings
- Chairman's Reception

Monday:

- Open Hearings on All Agenda Items

Tuesday:

- Presentations and Awards
- Technical Sessions

Wednesday:

- Regional Association Meetings
- Voting Session
- Group Outing! "A Taste of Montana"

Thursday:

- Voting Session
- Adjourn

Wednesday Night: "A Taste of Montana"

The reward for your hard work is at the Dunrovin Ranch, nestled along the Bitterroot River at the feet of the Sapphire Mountains. With beautiful views of Lolo Peak, it serves as the setting for our evening of food and fun. Horseback riding, fly casting and calf roping lessons, and line dancing are just a sample of the unique opportunities you will experience. Throw in a BBQ with a Montana twist and it has the makings for an unforgettable evening.

'10 - '11 NCWM Board of Directors

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“I am 84 years old and I have been in the scale business since 1949. My tie with China goes way back to 1945, when I, serving in the U.S. Navy, stationed in China for a few months. It's amazing for me to see the changes in China in recent years. It's even more amazing for me to know Frank, a Chinese-American, who writes so well about American politics that I print out all his writings, save them in a folder, and read them over and over. What a modern-day Thomas Jefferson! Oh, we have been using his load cells for several years and we like them.”

—— Lee Offfield, Pacific Scales (Oregon)

- Keli is the largest manufacturer of load cells in China.
 - CNCcell is the most profitable manufacturer of load cells in China.
 - Both of them are represented by W.E.I. in the US.
- Web: www.west-east-international.com
 -Phone: (630)364-2542

2011 Event Calendar

Be sure to mark your calendar for all the upcoming NCWM and regional meetings.

Dates for the following meetings have not been set yet: Measuring Sector, SWMA Annual and WWMA Annual Meeting. Please check www.ncwm.net for updates.

February

23
THRU
24

NTETC Belt-Conveyor Sector Meeting

St. Louis, Missouri — Double Tree Westport Hotel

Contact: NCWM P. 402.434.4880

E. info@ncwm.net W. www.ncwm.net

March

15
THRU
16

NTETC Software Sector Meeting

Annapolis, Maryland — Double Tree Hotel Annapolis

Contact: NCWM P. 402.434.4880

E. info@ncwm.net W. www.ncwm.net

May

9
THRU
12

Northeastern Annual Meeting (NEWMA)

Saratoga Springs, New York — Holiday Inn Saratoga Springs

Contact: James Cassidy P. 617.349.6133

E. jcassidy@cambridgema.gov W. www.newma.us

16
THRU
19

Central Annual Meeting (CWMA)

Grand Rapids, Michigan — Amway Grand Hotel

Contact: Vicky Dempsey P. 937.225.6309

E. dempseyv@mcchio.org W. www.cwma.net

July

17
THRU
21

NCWM Annual Meeting

Missoula, Montana — Holiday Inn Downtown at the Park

Contact: NCWM P. 402.434.4880

E. info@ncwm.net W. www.ncwm.net

August

24
THRU
25

NTETC Grain Analyzer Sector Meeting

Kansas City, Missouri — Chase Suites Hotel

Contact: NCWM P. 402.434.4880

E. info@ncwm.net W. www.ncwm.net

30
THRU
1

NTETC Weighing Sector Meeting

Sacramento, California — Hilton Sacramento Arden West

Contact: NCWM P. 402.434.4880

E. info@ncwm.net W. www.ncwm.net

September

12
THRU
15

Central Interim Meeting (CWMA)

Cedar Rapids, Iowa — Marriott Cedar Rapids

Contact: Vicky Dempsey P. 937.225.6309

E. dempseyv@mcchio.org W. www.cwma.net

October

12
THRU
13

Northeastern Interim Meeting (NEWMA)

Norwich, Connecticut — Marriott Courtyard, Norwich

Contact: James Cassidy P. 617.349.6133

E. jcassidy@cambridgema.gov W. www.newma.us

Consumer Tips for Proper Gasoline Handling

Use Proper Containers

- Use only containers approved by a nationally recognized testing lab, such as Underwriters Laboratories.
- Keep the container tightly sealed.
- Containers should be fitted with a spout to allow pouring without spilling and to minimize the generation of vapors.
- Keep gas containers out of direct sunlight.
- Always open and use gasoline containers in a well-ventilated area away from children and animals.

Store Carefully

- Store no more than ten gallons.
- Be certain to keep a closed cap on your gasoline container.
- Store the gasoline in a cool, dry place.
- Store at ground level, not on a shelf to minimize the danger of falling and spilling.
- Do not store gasoline in a car trunk.

There is a threat of explosion from heat and impact.

- Do not store gasoline in your basement.
- Gasoline moves quickly through soil and into groundwater, therefore, store and use gasoline and fuel equipment as far away from your drinking water well as possible.

Fill Cautiously

- Always use a funnel and/or spout to prevent spilling or splashing when fueling power mowers, boats, and all other recreational equipment.
- Always fuel outside where there is adequate ventilation to disperse the vapors.
- Fuel equipment on a hard surface such as concrete or asphalt, rather than on soil or water.
- Portable tanks from motor boats should be removed from the vessel and filled in a secure location on shore. A secondary containment

device under the tank ensures even better protection.

- Owners of larger boats should install no-spill tank vents.
- Refuel snowmobiles and other gasoline-powered engines onshore and not out on frozen lakes and ponds.

Avoid Spills

- If a spill occurs use kitty litter, saw dust or an absorbent towel to soak up the spill, then dispose of it properly.
- Avoid spilling gasoline on the ground, especially near wells.
- Avoid using small motor boats with two-stroke engines in lakes and reservoirs.

Dispose Properly

- Do not dispose of gasoline down the drain, into surface water, onto the ground, or in the trash.
 - Use your town's household hazardous waste collection for safe and
- continued on page 14*

Consumer Tips Continued

continued from page 13

- convenient disposal of excess or old gasoline. Transport your old gas in an approved gasoline container.

Patrons At Filling Stations

When you stop to re-fuel your automobile (or gasoline container):

- Turn off your engine.
- Do not smoke, light matches or lighters.
- Stand upwind of the nozzle while refueling and try to not breath the fumes.
- Do not top off your tank. Even little drips that fall onto the pavement can contaminate soil, groundwater, or surface water.
- Do not leave your vehicle unattended while the pump is running.

Homeowners and Other Fuel Users

Here are some tips for safe fuel handling at home:

- Never attempt to start a siphon by mouth.

- Only store fuel in approved containers. These containers are usually color coded and marked for a particular type of fuel. For instance, gasoline storage containers are usually red and marked "gasoline." Kerosene containers are blue.
- Don't store more than a few gallons of fuel (e.g., 1-5 gallons).
- Be careful to not overfill the tank on yard and recreational equipment. Just a few ounces of spilled fuel may be enough to contaminate your own well.
- Never re-fill a gas tank while a machine is running or while it's still hot.
- Never smoke while re-fueling.
- Never use gasoline to start a charcoal grill or wood fire.
- Dispose of old fuel properly. Do NOT pour fuel onto the ground, or into storm drains, septic tanks, outhouses, or sewers.
- Never use gasoline as a means to control weeds or pests.

Boat Owners

Since many boats are re-fueled while the boat is in the water, the potential for spills and overfills to contaminate surface water is quite high. Some tips for safe re-fueling include the following:

- Do not top off your tank.
- Shake the nozzle while it is still in the tank to prevent the last couple of drops from falling directly into the water.
- Keep your engine properly tuned to ensure complete combustion of fuel and reduce discharge of unburned fuel into the water.
- Do not operate motorized watercraft on water supply reservoirs.

— Steve Hadder
Florida Department of Agriculture
and Consumer Services

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NCWM Welcomes New Members (9/9/10-2/15/11)

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Wes Baehr

Ability Business Computing, Ltd.

Sam Baek

Acom, Inc.

Matthew Barkley

Hewlett Packard, Co.

Jackie Barlow II

Paradigm Software, LLC

Bruce Bierman

Ideal Mfg and Sales Corp

Richard Boleski

USC, LLC

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Norwood Sales, Inc.

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William Callis

Memphis Weights and Measures

Sallie Carr

Bucks County Consumer Protection Weights and Measures

Bob Colonna

Middlesex County Weights and Measures

Mark Cook

Indiana Standards Laboratory

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ABOL Software

Bradley Stotler

National Association of Truck Stop Operators

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General Motors Powertrain Division

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Educating Today for Tomorrow

Weights and measures inspectors are rising to the challenge of new technologies in the marketplace. Technology can pass us by in the blink of an eye and the latest innovations in weighing and measurement are no exception. For regulatory officials who are responsible for oversight of software driven electronics that measure our fuel and weigh our food, education is always a top priority.

March 1-7, Weights and Measures Week, is a perfect time to say thank you to your local merchants and government for supporting the work of your weights and measures officials.

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March 1-7

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