



NCWM - NEWS

National Conference on Weights and Measures

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NCWM Headquarters

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

P. 402.434.4880

F. 402.434.4878

E. info@ncwm.net

W. www.ncwm.net

Don Onwiler Executive Director

Jim Truex NTEP Administrator

Elisa Robertson Office Manager

LuAnne Groenjes Project Coordinator

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Chairman's Column

John Gaccione — Westchester County Weights and Measures

Meeting Tomorrow's Challenges Today!



Hi everyone and thank you for your continued support of NCWM. We truly can't do it without you.

The recent annual meeting in Louisville was a great success. Thank you to the NCWM staff, our

hosts from the State of Kentucky, and to all the NCWM members and attendees who help make the meetings so successful. A special thanks to NIST for their continuing support. Great job done by all!

Congratulations go to our newest members to the Board of Directors:

Craig VanBuren – State of Michigan – Central Regional Director

Ken Ramsburg – State of Maryland – Southern Regional Director

Chris Guay – Associate Member Director

Chuck Corr – Associate Member Director

And now on with the work of the conference! In my remarks at the closing of the annual meeting in Louisville, I spoke of President Kennedy and his words about how we must meet challenges, "We chose to do things, not because they are easy, but because they are hard, because the results will measure the best of our energies and skills."

While the weights and measures community continues to ensure a fair and equitable marketplace, we now recognize that change and new technology arrive at a much faster pace than they did in the past. With that, the theme for the coming year is "Meeting Tomorrow's Challenges Today". Can we keep up with the challenges? Are we keeping up with the changes?

We can and we are. NCWM is meeting those challenges.

We passed a method of sale regulation for electric powered vehicles; we formed a task group on alternative fuels that will change how we power our cars and trucks and we

have formed a task group to revisit how items are packaged and labeled for sale. We are engaged with NIST in studying the impact of smart phones that use GPS technology to measure distances and calculate costs and we responded to new methods of sale that affected how and what price you paid at the pump.

We created a new NCWM webpage that is more user friendly, easier to navigate and provides increased support to the regions. The On-Line Position Forum provides a place for members to comment on agenda items as the items move through the committee process. The National Certification Program is a testing program where regulatory and industry officials can "measure" their knowledge and skills. The "Train the Trainer" Program, in cooperation with NIST, will provide trainers for the regions and states which no longer have training programs or haven't been able to continue past training programs.


Are we ready for what is ahead? Yes, we are.

I look forward to visiting each of the 4 regions this coming year: The Western Regional in Montana, the Southern Regional in West Virginia, the Northeast Regional in New Hampshire and the Central Regional in Missouri. I hope to see everyone at the regional meetings and be able to take back a little something from each region that will be beneficial to all of NCWM.

Remember to encourage new membership, be involved and stay involved. Support your region, support NCWM.

Please feel free to contact me with your ideas, concerns and questions.

Best to all,



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expect less service.

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I can't thank you enough.

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OUR AUDIT WITH
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One customer wrote, "You guys are on top of it!"

Another declared,
"We passed our audit with flying colors, thanks to you."

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one might expect less service. Not so!"

Another writes, "Delivery ahead of request! I can't thank you enough."

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NCWM Welcomes New Members

(5/29/13 - 8/30/13)

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Daniel Alt

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Michael Meffert

API

Elisabeth-Anne Treseder

Beaumont Products, Inc

Hank Picken

Camden County Weights and Measures

J. Michael Peeler

Scott Traynor

Clean Energy

Michael Eaves

CNG Source, Inc.

Daniel Lubs

Colorado Oil and Public Safety

Scott Simmons

Consumer Affairs Unit

Tolley Sualoa

Laura Beck

Contra Costa County Agriculture

Steve Reymann

County of Napa Agriculture

Commissioner's Office

Anna Norton

G.T. Michelli Co., Inc

Joel McMullen

Information Planning and Management Service

Matt Hummel

Interstates Instrumentation

Adam Dittbenner

Iowa Department of Agriculture

Randy Watts

J. A. King & Company, LLC

Wyatt Rhone

JKSoft Inc.

Brian Kang

LA County Agric Comm/ Weights and Measures

Ernesto Banta

Mariela Garcia

Nam Nguyen

Abel Atanaw

Matthew Meares

Richard Takata

Rosanne Bowdry

Daniel Delgado

Daniel Pinedo

Lion Wise

Scott Filiault

Louisiana Dept. of Agriculture and Forestry

Pamela Montague

Maryland Department of Agriculture

Daniel Jester

Kathleen Hall

Derrick Jones

Jeffrey Dean

Merced County Weights and Measures

Mark Conover

MN Dept of Comm Weights and Measures

Tammy Wiebe

Brandon Janzen

Brian Kneissel

Multiforce Systems Corporation

Thomas Bates

National Association of Convenience Stores

Paige Anderson

National Biodiesel Board

Ryan Lamberg

Navajo Nation Business Regulatory Department

Clarence Chee

New York City Taxi and Limousine Commission

Aileen Fox

Joanne Rausen

Keith Walsh

Ryan Wanttaja

Next Instruments Pty Ltd

Phillip Clancy

Northampton County Weights & Measures

Christopher Lynn

NorthStar Inc.

Josh Brown

OlympusPOS

Steven Walter

PA Food Merchants Assn

Alex Baloga

Petroleum and Convenience Marketers of Alabama

Bart Fletcher

Philadelphia Energy Solutions

Duane Hall

QuikTrip

Thomas Kelehan

San Diego County Dept. of Agriculture Weights and Measures

Bill Winans

SAP AG

Steve Walker

Sartorius Corporation

Robert Lenzer

Sartorius TCC Company

Ann Marie Luscher

Schenectady County

James Caputo

Semireg Industries

Caylan Larson

Thermo Fisher Scientific

Jason Kukachka

TRUX

David Ische

Unitec Corp.

Matthew Friesen

Washington State Dept of Agriculture

Ken Shapiro

Westmoreland Kemmerer, Inc

Thomas Lively

Wisconsin Department of Agriculture and Consumer Protection

James Zorn

Dean Schermacher

Matt Ruebl

Charles Cox

Bonnie Weidner

Darrel Weber

Toni Von Ruden

Wayne Santroch

Jeffrey Szumilas

Marvin Thiel

Douglas Dummer+

Joseph Schreiber

Barry Fosdick

Steven Hailer

Ted Johnson

Joseph Malek

James Dagenhardt

Joseph Saladino

Randy Rivers

Steven Mertens

Frank Bennett

Nathan Torpen

Wireless Device Use at Gas Stations

A question was posed at the July 2013 Southern Weights and Measures Association regional breakout meeting at the National Conference on Weights and Measures in Louisville, KY regarding the safety of using wireless devices at gas stations. This is an issue that has been debated and investigated for more than a decade, particularly with the ever increasing rise in wireless device use throughout our society. As a result, virtually everyone with a wireless device has given this some thought, and rightfully so.

In the late 1990s, there were reports of explosions in other countries (China, Australia and others) allegedly set off by sparks generated from wireless devices (cell phones in these particular cases). Over the next few years, such reports were also published in the media from various states throughout our country. These reports generally were published shortly after an incident occurred; however, after a thorough investigation regarding the source of the explosion, which can take time, other sources (than wireless devices) were declared as the ignition source in each case. However, these reports perpetuated the concern.

While no substantial evidence existed to confirm these suspicions, cellular and petroleum companies nonetheless issued warnings as a precaution, which resulted in many user's guides and motor fuel dispenser signs recommending turning off such devices before fueling. Despite being the responsible approach from these industries to help safeguard their customers from this perceived potential threat (although not yet documented), it furthered the concern amongst the motoring and mobile device using public.

-continued on page 11

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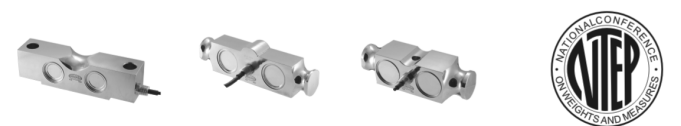
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- Allow variations due to moisture loss
- Calculates SEL and Standard Deviation
- Dynamically calculates Rc/Rt for tare
- Calculates conversion factors for volume inspections
- Calculates Cost Error, Average Error, Average Cost Error % Error



Device Inspection

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NCWM 98th Annual Meeting Special Award Recipients

In 2010 our Board of Directors established a formal set of awards to recognize our members who contribute in special ways.

The Board of Directors also established and adopted 3 new policies in regards to the Special Awards, which became effective at the 98th Annual Meeting in Louisville, Kentucky. You can view the full description of each policy via the Website at www.ncwm.net/about/policies/Meetings.

The newly adopted policies include:

2.6. Special Awards

2.6.1. NCWM Special Awards Established

2.6.2. NCWM Special Awards

Subcommittee

2.6.3. NCWM Special Awards Eligibility

Congratulations to all the award recipients and thank you on behalf of the membership of the National Conference on Weights and Measures (NCWM).

There are three categories of awards: Contributions, Distinguished Service and Lifetime Achievement.

The first category is **The NCWM Contributions Award**. This award recognizes members who have made notable contributions to NCWM standards, policy, administrative support or other services deemed worthy of recognition. Recipients have been NCWM members for at least five years.

2013 recipient was:

MAUREEN HENZLER - Program Service Administrator II - Kansas Department of Agriculture

The second category is **The NCWM Distinguished Service Award**. This award recognizes members who have made a long-term commitment of service and leadership to the NCWM. Recipients have made significant contributions to the enhancement of the organization

as a whole through committee service, important contributions to standards development, served as a resource for knowledge and advanced the vision and mission of NCWM.

2013 recipients were:

LOU STRAUB - Regulatory Affairs Consultant - Fairbanks Scales, Inc.

KEN SIMILA - Retired - Oregon Department of Agriculture

WES DIGGS - Retired - Commonwealth of Virginia, Weights and Measures

MIKE BELUE - Retired Consultant - Belue Associates

JUANA WILLIAMS - Physical Scientist - NIST Office of Weights and Measures

CONGRATULATIONS!!!

2013 Lifetime Achievement Award Dr. Charles H. Greene

This year's recipient received his Bachelor of Science degree in Animal Husbandry in 1954. He continued his education, receiving his Masters degree in Agricultural Economics in 1958 and a PhD in Agricultural Economics in 1963.

While reaching these heights in academia, he was already putting his education to work. From 1963 to 1968 he was working in the College of Agriculture at a major university in extension, teaching, research and the American Sheep Producers Council. In 1969 he was the Assistant Director of Market analysis for this university, followed by 2 years as Associate Professor of Agricultural Economics. As we can see, this young man had truly become quite accomplished, however he had not yet begun the path to making a real impact in a field so dear to so many of us.

In 1972 he went to work for the state Department of Agriculture as Director of the Standards and Consumer Services Division. It did not take long for him to leave his mark on the program. By 1973 he had already modernized the state's Weights and Measures Law. Just as an example of what that means, the previous state law specified that if a baker produced 12 loaves of bread that met the labeled weight, then it was okay if all other loaves in the production lot were short weight. This young administrator took issue with that and other provisions in the law. In 1974 he had increased staffing from 4 to 24 field inspectors to implement a full-service weights and measures enforcement program, including the addition of petroleum measurement and quality standards. In 1981 he was promoted to Director of the Division of Administrative Services, holding this position until his retirement in 1991.

He attended his first NCWM Annual Meeting the very next year, in 1975. Again, he wasted no time making an impact. He served on the Liaison Committee from 1975 to 1980 and the Subcommittee on Discussion of Revised Labeling Regulations in 1978.

Lifetime Achievement Award Cont...

Also in 1978, he provided a presentation to USDA on Proposed Labeling of Meat and Poultry. He was appointed to the National Measurement Policy and Coordination Committee in 1979 and chaired that group in 1983. During this same period, he was also serving on the Study Group on Enforcement Uniformity and in 1981 he was an NCWM Vice Chairman. From 1981 to 1983 he was on the Study Group of the National Weights and Measurement System. It should be no surprise that by 1983 he had become the Chairman of the National Conference on Weights and Measures. His service to the Executive Committee extended from 1984. He served on the Nominating Committee from 1984 to 1986, 1989 and 1990, chairing it in 1984.

Rounding out his NCWM service were the Budget Review Committee in 1984 and 1985, and the Education, Administration and Consumer Affairs Committee from 1985 to 1990, chairing that committee in 1989. His contributions to his regional association have been equally impressive, where he continues to attend regularly, serves as Treasurer and, along with his wonderful wife Patsy, take care of the hospitality suite.

Following this long résumé, one might think, "Well, that about sums it up for this fine gentleman." However, those who know him would say that this service record is merely an indication of the contributions he has made and continues to make. He remains as a source of vast knowledge and a guiding light for all those who have followed his footsteps in his home state, in his region and in his life's work. NCWM proudly recognizes **DR. CHARLES GREENE** of New Mexico with the 2013 NCWM Lifetime Achievement Award.

CONGRATULATIONS FROM ALL OF US AT NCWM



'13 - '14 NCWM Board of Directors

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Wireless Device Use at Gas Stations *(Continued)*

Such reports and actions, though have prompted scientific studies conducted by various interest groups, would ultimately lead to the conclusion there has not been an established link between wireless phones and the ignition of fuel vapors. Investigations were conducted by well-known investigative teams such as Myth Busters and articles were written by on-line investigative groups such as snopes.com. The Federal Communications Commission (FCC) has also stated that there is no evidence such reports are true.

In the marketplace today, you will still see artifacts of these seemingly outdated concerns in the form of warning decals on certain motor fuel dispensers or maybe even in the user guides of various wireless devices. However, you will now also see 'encouragement' to use these devices at certain facilities in the form of numbers to call

inside for assistance to rewards programs and even QR codes; all of which are posted on motor fuel dispensers.

At the end of the day, regardless of any study or report, you should always abide by any warnings or signs posted in your user's guides or at the gas stations where you fill your vehicle, or at any location for that matter, just to be safe.

References:

1. Federal Communications Commission at <http://www.fcc.gov/guides/wireless-phones-gas-stations>
2. Snopes.com at <http://www.snopes.com/autos/hazards/gasvapor.asp> and references therein.

-Matthew Curran

Florida Department of Agriculture and Consumer Services

98th NCWM Annual Meeting ~ Churchill Downs Louisville, Kentucky



Voting Record of the 98th Annual Meeting

July 14-18, 2013, Louisville, Kentucky



Item	House of State Representatives	House of Delegates	Result
Board of Directors			
120-4 as Amended	Voice Vote of Business Items		Adopted
To Accept the Report	Voice Vote		Adopted
Laws & Regulations Committee			
221-1	Yea: 34 Nay: 0	Yea: 34 Nay: 0	Adopted
232-3	Yea: 35 Nay: 0	Yea: 35 Nay: 0	Adopted
232-5	Yea: 34 Nay: 0	Yea: 34 Nay: 0	Adopted
237-5	Yea: 35 Nay: 0	Yea: 35 Nay: 0	Adopted
260-1	Yea: 28 Nay: 6	Yea: 29 Nay: 4	Adopted
To amend the Committee Report to of Item 237-8	Yea: 22 Nay: 12	Yea: 16 Nay: 15	Amendment Failed
To accept the Report as amended by Committee changing Item 237-8 from Withdrawn to Developing	Voice Vote		Adopted
Specifications & Tolerances Committee			
Consent Calendar: 320-1, 320-4, 321-1, 321-2, 330-2, 331-1, 331-2, 337-3, 356-1, 356-2	Yea: 34 Nay: 0	Yea: 35 Nay: 0	Adopted
336-1	Yea: 13 Nay: 17	Yea: 17 Nay: 13	Returned to Committee
To Accept the Report	Voice Vote		Adopted
Professional Development Committee			
To Accept the Report	Voice Vote		Adopted
National Type Evaluation Committee			
To Accept the Report	Voice Vote		Adopted
Nominating Committee			
To Elect the Slate as amended by Committee	Voice Vote		Adopted



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NTEP Column

The NTEP Committee Makes Plans to Continue and Expand VCAP (Verified Conformity Assessment Program)

IMPORTANT NOTICE: If your company holds an active NTEP certificate for a device (instrument) and/or main element (component or module) of a weighing device that is subject to influence factor testing you must pay attention. Devices and elements include: load cells, weighing / load receiving elements 2000 lb capacity and less, indicating elements, complete scales 2000 lb capacity and less, automatic weighing systems, belt-conveyor scales automatic bulk weighing system controllers, monorail scales 2000 lb capacity and less, on-board weighing systems 2000 lb capacity and less and scale system controllers.

What has NCWM done to date? The initial focus of VCAP was load cells. In late 2008, load cell certificate holders were notified that they must comply with the program. During the 2011 NCWM Annual Meeting, the NTEP Committee deemed the load cell initiative successful and announced plans to move on to the next device category. The Committee declared that the next device category was weighing/load receiving elements, 2000 lb capacity and less using load cells that are not traceable to their own NTEP certificate. Those audits are due by the end of November 2013.

Why should I pay attention? As a result of VCAP activities, 24 load cell certificates, involving 12 different certificate holders, were changed to "inactive" status. It is anticipated that several more certificates for weighing / load receiving elements will be changed to inactive the end of 2013.

NTEP is concerned that certificate holders are not paying enough attention to the VCAP requirements. NCWM worked very hard to identify all active certificates for load cells and weighing elements 2000 lb capacity and less, using non-NTEP load cells. As a courtesy, certificate holders were notified of VCAP requirements and the established time lines. Please note that the NCWM Board of Directors does not consider it to be NCWM's responsibility to notify all certificate holders and affected certificates. Certificate holders are responsible for reviewing their active NTEP certificates and compliance with VCAP.

The five remaining device categories are: indicating elements, complete scales, automatic weighing systems, belt-conveyor scales and automatic bulk weighing systems. Certificate holders for these device types are encouraged to take note that the NTEP

Committee and NCWM Board is seriously considering the application of the VCAP requirement to all five remaining categories in the very near future. Once a final decision has been made to expand to other categories a timeline for submission of the audit report will be established. When the VCAP requirements are applied the certificate holder will be required to have an on-site audit of the manufacturer's quality system and on-site random and/or review of a production device by an outside auditor to verify compliance with VCAP.

Why is the NCWM concerned about conformity assessment? Since the inception of NTEP in the 1980s, the NCWM has been concerned about the integrity of the certificates issued by NTEP. The NCWM wants an appropriate level of assurance that production devices traceable to NTEP certificates perform at a level equal to or better than the device that was evaluated by NTEP. Whether you prefer to label it verification that production meets type, verification that the manufacturer can produce more than the golden egg, verification of conformity to type, or conformity assessment, the goal remained the same. After years of discussion and study, the NCWM rolled out their "Verified Conformity Assessment Program" (VCAP) in 2008. VCAP is the element of conformity assessment that has the largest impact on certificate holders. Certificate holders are already responsible for conformity assessment for devices manufactured, distributed and used deemed traceable to the NTEP certificate of conformance and should have procedures in place to assure conformity assessment. VCAP verifies that it is occurring.

VCAP is the area of conformity assessment that applies to manufacturers of metrological devices and components, traceable to an NTEP "Certificate of Conformance" (CC), that are subject to influence factors defined in Handbook 44. Holders of NTEP certificates (the company in the "Submitted by" box on the NTEP CC) for these weighing devices are required by Publication 14 Administrative Policy and are required to have a VCAP program in place.

What must be done to comply with VCAP? The certificate holder is responsible for providing proof of VCAP compliance to NTEP. The CC holder is responsible for assuring a documented quality management system, meeting VCAP requirements, are in place and providing NTEP with a certification body audit report containing a clear statement of compliance with VCAP. The audit must be performed by an outside accredited auditor responsible for submitting a "Systems Audit Checklist" to the NCWM. There are two checklists: one for the

NTEP Column Continued

manufacturers and one for private label certificate holders. Both checklists are available for download from the NCWM website (www.ncwm.net).

There are a number of requirements the CC holders must assure are in place. In general they include:

- A documented Quality Management System for the design and manufacture of the device.
- Appropriate testing facilities and equipment to verify influence factor compliance.
- Identification of metrologically significant components that affect the performance or operation of the device and assurance that metrological integrity is maintained.
- Appropriate statistical methods are implemented to ensure the QA process is in control.
- Operator's manuals and documentation for all appropriate devices and components.
- A nonconforming material system, adequate control over subcontractors and suppliers and a corrective system to deal with nonconforming devices.
- An engineering change system to control engineering design changes.
- A documented data control system to control changes affecting the metrologically significant components and a production control system for changes affecting any metrologically significant component.
- Provide training for personnel and documentation to verify training.
- An internal self-assessment plan that is implemented.
- Initially the audits must be completed and submitted to the NCWM every three years.

What is the penalty for non-compliance? If a CC holder fails to submit an audit report indicating compliance with VCAP before the established deadline, NCWM will declare the certificate of conformance as "inactive". This means that no devices manufactured after that date are considered traceable to the certificate of conformance.

The NTEP Committee also made it clear it was deciding the current process in Publication 14, Administrative Policy, Section 22, "Appeal and Review Process" would be utilized for any VCAP appeals. A certificate holder may appeal a certificate made inactive due to non-compliance with VCAP. However, the decision of the Certification Body or VCAP auditor cannot be appealed to the NCWM.

What action should I take if I have questions or want to comment about the conformity assessment program? Certificate holders are encouraged to research the VCAP requirements on the NCWM website under the NTEP, Conformity Assessment section. Certificate holders are encouraged to review the VCAP requirements applicable to their devices and report concerns to the NTEP Committee. The NTEP Committee would like to have a better understanding of specific issues and questions. Certificate holders and other interested parties are encouraged to submit written questions to the NTEP Committee so decisions can be made regarding the progress of VCAP. Conformity assessment is also an agenda item of the NTEP Committee, reference NCWM Publications 15 & 16. Written and oral testimony can be given during the Interim Meetings and Annual Meeting of the NCWM.

Information about VCAP, including both systems audit checklists, frequently asked questions (FAQs) and a supporting document to guide the auditor based on FAQs, are available for download from the NCWM website. Go to www.ncwm.net , click on "NTEP" then click on "Conformity Assessment." If you would like to discuss the content of this article contact Jim Truex at jim.truex@ncwm.net.

- Jim Truex
NTEP Administrator





National Conference on Weights and Measures

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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2013 - 2014 Event Calendar

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

September 2013



Western Annual Meeting (WWMA)

Kalispell, Montana — Hotel TBD

Contact: Tim Lloyd P. 406.443.3289

E. tlloyd@mt.gov W. www.wwma.org

October 2013



NTEP Measuring Sector Meeting

Charleston, West Virginia — Embassy Suites Charleston

Contact: NCWM P. 402.434.4880

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



Southern Annual Meeting (SWMA)

Charleston, West Virginia — Embassy Suites Charleston

Contact: Richard McComas P. 304.722.0602

E. rich.d.mccomas@wv.gov W. www.swma.org



North Eastern Interim Meeting (NEWMA)

Norwich, Connecticut — Holiday Inn Norwich

Contact: James Cassidy P. 617.349.6133

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

January 2014



NCWM Interim Meeting

Albuquerque, New Mexico — Hotel Albuquerque

Contact: NCWM P. 402.434.74880

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

May 2014



North Eastern Annual Meeting (NEWMA)

Manchester, New Hampshire — Radisson Hotel Manchester

Downtown Contact: James Cassidy P. 617.349.6133

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



Central Annual Meeting (CWMA)

St. Louis, Missouri — Union Station

Contact: Sherry Turvey P. 785.862.2415

E. sherry.turvey@kda.ks.gov W. www.cwma.net

July 2014



NCWM 99th Annual Meeting

Detroit, Michigan — The Westin Book Cadillac Detroit

Contact: NCWM P. 402.434.74880

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



NTEP VCAP NOTICE

NCWM is working to identify all active certificates for weighing elements 2000 lb capacity and less, using non-NTEP load cells. As a courtesy, certificate holders are being notified of VCAP requirements and the established time line. Please note that the NCWM Board of Director's does not consider it to be NCWM's responsibility to identify all certificate holders and affected certificates. Certificate holders are responsible for reviewing their active NTEP certificates and compliance with VCAP.