



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

Reduced Budgets and Privatization

This year our theme has been "Educating Today for Tomorrow." In the last newsletter I talked about the things that the National Conference on Weights and Measures (NCWM) has done to educate ourselves and improve efficiency. We also have changed the format of the Interim meeting to allow more time for task force meetings. These changes have led to better utilization of time and greater efficiency of the conference. For this issue of NCWM-News, I would like to change gears and discuss the current condition of state and local Weights and Measures programs.

In Kansas, the month of May is when the legislature raps up session and adjourns for the year. For some states that is not the case. They must deal with legislative issues throughout the year. For the last several years that has been a challenge as many states are having revenue short falls. Most programs are funded either by fees or by general funds or a combination of the two. Neither has been insulated from effects of this economy.

To remedy state revenue short falls, most states have either cut dollars to programs forcing layoffs, or they have mandated furloughs. If your program has general fund dollars as a funding source then it increases the possibility of cuts to those funds. That is what our state has done a year or two ago. Right now I have four vacancies out of eight scale inspector positions. Many states are facing the same problems, or worse.

I have visited with some states that are facing privatization. Their states are looking for answers that may either do away with the program or restructure it so that they have little or no authority or ability to regulate. It has been shown in the past that privatization of government

regulatory functions (law enforcement) does not work. Privatizing some services may be ok but we cannot put the fox in charge of the henhouse and expect eggs every morning.

Sadly weights and measures budgets are being cut at the worst time. The years when the economy is down are the years that Weights and Measures programs do their best work; and not just to protect consumers from fraud. Honest business owners will look for ways to reduce expenses, often without fully understanding the risk they are taking. Weights and measures inspections disclose these issues and bring them to the attention of the business owner.

As an example, one store laid off all of their pricing coordinators first. Upon inspection, we found increased issues with the store's pricing accuracy. How can a business control its profits if it isn't controlling the price scanner accuracy? Another store decided not to hire a company to test and approve their scales within 365 days, a requirement in Kansas law for scale owners. Not only was the store found in violation for failure to have the scales tested, but when the state tested the scales, they were found to be considerably out of tolerance in the consumers' favor. In Kansas, we are seeing an increase in the number of violations of the 365-day rule. Both of these examples illustrate how businesses are willing to roll the dice in an effort to save money. It can easily cost them more in the long run.

Weights and measures programs need to acquire and assemble data to show the impact we have on the marketplace when properly funded and the impact of reduced funding on our programs and our ability to serve buyers and sellers in the marketplace. This cost-benefit analysis will help us to weather tough times like the past few years.

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State Directors Use of NCWM Publication 14

This year NCWM sent each state director a complete copy of NCWM Publication 14 on CD. Hopefully the CD does not get put on a shelf or in a drawer, never to be looked at again. This article will address the importance of NCWM Publication 14 to the state offices and what the State Director, or their designee, should be familiar with in the publication.

NCWM Publication 14 is published and split into four major categories, or books:

1. Administrative Policy
2. Grain Moisture Meters & Near Infrared Grain Analyzers
3. Measuring Devices
4. Weighing Devices

As we all know, the field inspector should refer to *NIST Handbook 44* for all specifications, tolerances and other technical requirements. NCWM Publication 14 was not designed for use by the field inspector. Rather, it contains the technical requirements and checklists used by the National Type Evaluation Program (NTEP) technicians when they perform extensive evaluations for conformance to *NIST Handbook 44*. State Directors need to know that it also contains many administrative policies that have been developed over the years that are critical to the enforcement of NTEP.

Most of the states in the U.S. require commercial weighing and measuring devices to be traceable to a NTEP Certificate of Conformance. Those states are commonly referred to as NTEP states. NCWM Publication 14 contains information pertinent to the administration of the states' laws, regulations and/or rules pertaining to type evaluation.

NCWM Publication 14 Administrative Policy includes information about:

- Devices to be Submitted for Type Evaluation
- One of a Kind Devices
- Provisional Certificates of Conformance
- Certificate Status (Active, Inactive, Withdrawn)
- Conformity Assessment
- Use of the NTEP Logo
- The US/Canada Mutual Recognition Agreement

NCWM Publication 14 Grain Moisture Meters & Near Infrared Grain Analyzers includes information about:

- Ambient Temperature Range
- Sample Temperature Range
- Determining Scope of Traceability for Moisture, Protein, Oil, Starch and Test Weight Ranges for Specific Grain Types
- Typical Features or Parameters to be Sealed and NOT required to be Sealed

NCWM Publication 14 Measuring Devices includes information about:

- Product Categories and Families for Meters
- Certificate Parameters Based Upon What Was Evaluated by NTEP
- Use of Compact Provers
- Interfacing Indicators and Measuring Elements with Certificates of Conformance but Not Tested Together

NCWM Publication 14 Weighing Devices includes information about:

- Influence Factor Testing (*NIST Handbook 44*, Scales Code, T.N.8.)
- Certificate Parameters Based Upon What Was Evaluated by NTEP
- Substitution of Load Cells in Scales
- NTEP Testing of Retrofit Kits for Scales
- Typical Features or Parameters to be Sealed and NOT Required to be Sealed
- Acceptable Abbreviations / Symbols

NCWM Publication 14 is:

Very technical in nature and every state should have a technical person that is familiar with NCWM Publication 14 and its technical content. Every state should have a person that has a working knowledge of the NTEP certificate format and an understanding of how to read and interpret information provided on the certificate.

NTEP is working on a series of articles to help officials determine, during initial verification of a device or system, if the main elements used (weighing element, measuring element, indicating element, load cell(s), software) are appropriate for the installation and interfaced properly to comply with NTEP and *NIST Handbook 44*. NTEP is also working to reintroduce scale system worksheets to help officials use the markings on main elements and determine compliance to *NIST Handbook 44* requirements.

This ability for the field official to verify NTEP traceability on the initial verification is a key element of the NTEP Conformity Assessment Program. An online system is already in place for regulatory officials to give us feedback on initial verification results.

If you have additional questions or would like to discuss the content of this article, contact NTEP Administrator Jim Truex at jim.truex@ncwm.net

— Jim Truex, NTEP Administrator

Vehicle Safety Issues for Weights and Measures Inspector

You might be a seasoned driver who has a dozen driver safety courses in your file or maybe you're just starting out in the world of commercial driving but in any case, it's time we take a few minutes to consider this short course. The following points will highlight some issues we feel are of particular importance to the weights and measures inspector whether you drive a sedan or SUV doing light duty work or the largest test trucks checking industrial scales or meters.

Develop an Attitude

The foundation for you to be a safe, professional driver is to develop a basic attitude by planting the statement in your mind that, "I am in charge of everything when operating this vehicle." Then, every time you pick up the keys, no matter what your position is on the organizational chart; you will automatically put yourself in charge and take responsibility for everything. Taking charge does not mean you suddenly have new superpowers so you must know your limitations; do not attempt to drive a vehicle or vehicle combination unless you have received the proper training and are confident in your abilities and know when road or weather conditions exceed your safety limits.

Pre-trip Inspection

Taking charge begins with one of the easiest things to skip each day, the pre-trip inspection. I know your policy manual has a section on this and if you are a CDL driver you had to pass the test for your license but I also know a high percentage of drivers fail to perform the pre-trip inspection on a regular basis, myself included. Change this attitude, learn the process, develop a checklist, lead by example and challenge your co-workers, do what it takes to keep the vehicle fleet safe and in good repair because someone's life is at stake and you are in charge.

Loose Items in Cab and Unsecured Loads

Federal regulations prohibit loose items in the cab area of all commercial vehicles and this rule should be part of

your safe driving strategy no matter what size vehicle you operate. Weights and Measures Inspectors carry an incredible amount of equipment with them for daily inspections, most of which would be formidable projectiles in the case of an accident. We could calculate the average down-range velocity of a 50 lb test weight in different speed/vector angle/vehicle mass collision scenarios but why bother; you're not likely to survive the impact in any case. Make sure all of your gear is secured in the cab not only to protect you in a crash but to keep from getting tangled with the vehicle controls.

The danger of loose items is even more important to items carried outside the cab. Gruesome paramedic reports of loose items hitting other drivers or pedestrians are too common and 100% avoidable. It is your responsibility to make sure that all precautions are taken to secure everything on your vehicle before, during and after the trip. Obvious items include: test weights, carts-wheel chocks, safety cones-crane parts, outriggers-fuel hoses and fittings on probers. You should also consider less obvious items like: toolbox doors, mud-flaps, mirrors, auxiliary lights, gravel on the flatbeds and rocks lodged between dual wheel tires. Check it, secure it and check it again whenever you stop for breaks. Do not rely on your supervisor to make things safe on or in your vehicle; you are the one in charge.

Distracted Driving

You don't need hundreds of pages of research documentation by respected universities to tell you that the use of cell phones while driving is the same as driving intoxicated; ten minutes on any highway in the nation should convince you of that new phenomenon. Think about some of the classic examples we sometimes laugh about but are deadly serious:

Eating: The problem is not the act of eating or drinking; most drivers can grab a snack or drink and still maintain complete focus on driving. The problem

comes when the driver tries to wipe mustard from their shirt while balancing a cheeseburger on their knee.

Applying make-up in the mirror at 70 mph- quit laughing, it's not funny. Searching for something in the back seat while negotiating an eight lane intersection- yikes!

Sleeping while driving: Pull over when drowsy, take a break, take a walk, and regain focus before continuing.

Gawking: In some cities a disabled car on the side of the road can affect traffic five miles back because of gawking. Resist the distraction of the visuals that may grab your attention.

Modern technology has added a whole host of new in-cab distractions:

- Dashboard controls from the space shuttle-set the clock in a parking lot not on the road.
- The annoying GPS lady constantly telling you to turn left in 200 feet-talking back to her will do no good.
- Laptop computers and DVD players-drivers deserve whatever penalty society deems appropriate for watching a movie while driving.

Distracted driving is something you need to take a stand on as the person in charge of your vehicle. Make a two way pact with management, your coworkers and your loved ones not to engage in distractive driving habits. It doesn't matter what regulations, policies or bans are in place; what matters is that you don't get distracted while piloting a 2 ton or 25 ton vehicle.

Maintaining Distance

Professional truck driving instructors will stress to a student at every opportunity that maintaining the proper distance between vehicles is one of the most important self-defense strategies a driver can learn. One of the difficulties we have noticed with weights and measure inspectors is that in many cases they are not necessarily hired as

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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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www.ncwm.net | 5

NCWM Welcomes New Members (2/16/11 - 5/9/11)

Charles Arney
Morgan County

Paul Beach
Washington County

Bret Burroughs
Rotating Services

Paul Cecil
Micro Motion

Wendy Clark
National Renewable Energy
Laboratory

William DeLong
The DeLong Co., Inc.

Nicholas Fagan
Command Alkon, Inc.

Brian Fisher
Sartorius TCC Company

Keith Hall
Cryogenic Vessel
Alternatives

Bela Hartai
Human Ratio, LLC

Jody Hirst
Itron, Inc.

William Hornbach
Chevron Products Company

David Hulme
Loadcraft Industries, Ltd.

Dale Kelly
POSp perfect, Inc.

Yoav Linik
Orpak

Richard MacKillop
OrderDog, Inc.

Keith Neerman
InfoTouch Corporation

Pan Peiming
AccuWeigh, Corp.

Jon Poda
Summit County Fiscal Office

David Rajala
Total Meter Services, Inc.

Fred Schreuder
Compac Industries, Ltd.

Charles Seaman
Hy-Vee, Inc.

Grant Shurtz
Almix

Elizabeth Tansing
Food Marketing Institute

Dixie Thoman
Wyoming Department
of Agriculture

Jill Thompson
Athens County

Jarrod Tipton
Coshocton County

Kevin Tucker
Inspectorate America Corp.

Kelly White
Itron, Inc.

Reduced Budgets

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We sometimes refer to ourselves as the silent third party in every transaction. If we can demonstrate and present the impact of our programs on the economy within our states in real dollars, we can become the third party in the transaction that is not so silent.

We don't know where our economy will go tomorrow. However, if we can show our impact and can persevere

through the bad times we may strengthen our programs for the future.

If NCWM can help, please feel free to contact me at (785) 862-2415 or Don Onwiler, NCWM Executive Director at (402) 434-4880.



— Tim Tyson, NCWM Chairman

The New Online Position Forum Is Here!

The National Conference on Weights and Measures (NCWM) is proud to present the all new NCWM Online Position Forum. This tool gives members a uniform and efficient method to convey positions on agenda items in the current version of *NCWM Publication 16*.

Please note:

- The positions you submit are not binding; you reserve the right to amend your position before casting a final vote or making a final statement during the Annual Meeting.
- Standing Committees will review the positions in preparation for the Annual Meeting.
- NCWM continues to encourage comments from the floor during open hearings as an effective means of complementing your position.

Log in at www.ncwm.net and try it out.

May 1 - 31, 2011: Submit Positions and Opinions

- Submit positions and comments on items in *NCWM Publication 16*
- Upload supporting PDF documents

June 1, 2011: Review Input from Others

- View positions and comments from others
- Obtain greater understanding of issues
- Be better prepared for the Annual Meeting

This is a new and exciting opportunity for you to have a greater voice with the Standing Committees, the Board of Directors, and all of NCWM membership.

Controlling the Risks of Solitary Workers

Solitary Worker

Solitary workers are found in a wide range of situations and are those who work by themselves without close or direct supervision. They can be people in fixed establishments where only one person works on the premises or mobile workers working away from a fixed base.

There are not specific rules that apply to working alone; however, state and federal regulations still apply.

Safe Working Arrangements

Establishing safe working conditions for lone workers is no different from organizing the safety of other employees.

When risk assessment shows that it is not possible for the work to be done safely by a lone worker, arrangements for providing help or back-up should be put in place.

When a lone worker is working at another employer's workplace, that employer should inform the lone worker's employer of any risks and the control measures that should be taken. This helps the lone worker's employer to assess the risks.

The employer should identify hazards of the work and assess the risks involved. Measures should be put in place to avoid or control the risks.

Lone working hazards may include weather, health, equipment, etc.

Employers should take steps to check that control measures are used and conduct a risk assessment from time to time to ensure they are still adequate. Control measures may include instruction, training, supervision, protective equipment and communication devices.

It is important to talk to employees and their safety representatives as they are a valuable source of information and advice. This will help to ensure that all relevant hazards have been identified and appropriate controls chosen.

Workplace Violence and the Lone Worker

Lone workers are especially vulnerable to injury from workplace violence. Employers should have regular discussions with staff about their perceptions and comfort level.

Questions You May Want to Ask Yourself

- Does the workplace present a special risk to the lone worker?
- Is there a safe way in and out for one person?
- Can all the machinery and supplies involved in the workplace be safely handled by one person?
- Are there any chemicals or hazardous substances being used that may pose a risk to the worker?
- Does the work involve lifting objects too large for one person?
- Is there a risk of violence?
- Are young, pregnant or disabled workers at risk if they work alone?
- If the lone worker's first language is not English, are arrangements in place to ensure clear communication, especially in an emergency?

Is the Person Medically Fit and Suitable to Work Alone?

- Check that lone workers do not have medical conditions which make them unsuitable for working alone.
- Ask Human Resources for help.
- Seek medical advice if necessary.
- Consider both routine work and foreseeable emergencies which may impose additional physical and mental burdens on the individual.

Training

Training is particularly important where there is limited supervision to control, guide and help in situations of uncertainty. Training may be critical to avoid panic reactions in unusual situations.

Lone workers need to be sufficiently experienced and understand the risks and precautions fully.

Set limits as to what can and cannot be done while working alone.

Ensure employees are competent to deal with circumstances which are new, unusual or beyond the scope of training. Employees should know when

to stop work and seek advice from a supervisor and how to handle potential workplace violence.

Employees need to understand the risks associated with their work. Employees must realize that the limits and precautions that are in place are for their benefit.

Consider training your Weights and Measures Inspection Staff, Laboratory Staff and other employees. Discuss situations; write policies and plan of action. Train in a one on one or group setting. Have necessary supplies for training available. Tools may include flip charts, markers, trainers, spokespersons, or imagination etc. Consider what you have done and what you will do to improve the situation for the lone worker.

Supervision

Constant direct supervision is not a reasonable expectation. However, it is still the employer's duty to ensure that the lone worker's work environment is healthy and safe. Employers may want to conduct periodic site visits. Regular dialogue among co-workers and management is necessary for knowing how to handle different risks.

Checking that a lone worker has returned to their base or home on completion of a task may be necessary.

Supervisors need to know the workers schedule and whereabouts. It is important to have regular contact with employees. Devices such as a telephone or radio are helpful.

Contact devices might be cell phone, computer, satellite, webcams, RFID technology or PDAs. Conducting an internet search for "lone worker protective devices" may be helpful.

Automatic warning devices which operate if specific signals are not received periodically from the lone worker are available. There are devices available designed to raise the alarm in the event of an emergency and which are operated manually or automatically

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2011 Event Calendar

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

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

June

13
THRU
17
NYSWMA Annual Training School
Syracuse, New York — Comfort Inn & Suites
Contact Allen Halladay P. 716.938.9111 x2424
W. www.nyswma.com

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

25
THRU
29
Western Annual Meeting (WWMA)
San Luis Obispo, California — Hotel TBD
Contact Brett Saum P. 805.781.5922
E. bsaum@co.slo.ca.us W. www.westernwma.org

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

21
THRU
22
NTETC Measuring Sector Meeting
Norfolk, Virginia — Marriott Norfolk Waterside
Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net

23
THRU
26
Southern Annual Meeting (SWMA)
Norfolk, Virginia — Marriott Norfolk Waterside
Contact Stephen Benjamin P. 919.733.3313
E. steve.benjamin@ncagr.gov W. www.swma.org



Call Henry Oppermann
Tel: 504-896-9172
Cell: 301-606-1720
Email:
wm-consulting@att.net

Weights and Measures Consulting, LLC

- For expert consultation on weights and measures management and regulatory issues
- For evaluation of measurement processes
- To analyze inspection records to increase management effectiveness
- For recommendations regarding inspection and test procedures

Recognized expert in weights and measures management, measuring instruments, package inspection and price accuracy verification.

Vehicle Safety

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professional drivers but learn on-the-job. New students are always surprised when they realize just how much room you need to stop a fully loaded large capacity scale test truck or a truck-trailer combination with an 800 gallon prover. Drivers must learn that these vehicles are like river barges, slow to accelerate, slow to stop and every twist and turn must be thought out well in advance. Now add snow and ice or other weather difficulties to the mix and there has to be an increase to the comfort zone. Proper distance is not just for highway driving but is also extremely important in congested city driving. Professional drivers will adhere to two particular rules when driving in city traffic. Never lose sight of the bumper of the car in front of you and never lose sight of the crosswalk when you are the first one at a traffic light. Following these rules will help keep you from crushing the Mini Cooper or the pedestrian who is inadvertently hiding under your grill.

Backing

Accidents while backing are number two on our avoidable crash list. Inspectors routinely back in and around fuel pumps or loadracks, at warehouses or simply pull out of the grocery store parking lots. Each backing situation deserves a different level of caution. Sometimes you can simply get out and survey the area and sometimes you need a spotter to assist you into position. You should never back-up blindly or rely on a reverse warning beeper and you must use extreme caution when backing at night or when visibility is reduced by weather. The situation associated with the most accidents is when backing from bright sunlight into a dark warehouse or garage. This situation should warrant the assistance of a spotter whenever possible.

Take charge, stay focused and keep the rubber side down.

— Douglas Deiman
Alaska Division of Measurement
Standards/CVE

Risks of Solitary Workers

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by the absence of activity.

Emergency procedures should be established in case of illness, accident or emergency.

Lone workers should have access to adequate first-aid facilities. Mobile workers should carry a first-aid kit suitable for treating minor injuries. Risk assessment may indicate that lone workers need training in first aid.

Take the necessary steps to ensure that you and others working in

your program maintain the highest level of safety in a solitary working environment.

Additional Information:

Working Alone Safely: Controlling the Risks of Solitary Work – Washington State Department of Labor and Industries, Division of Occupational Safety and Health (DOSH).

— Brett Gurney
Utah Department of Agriculture
and Food

'10 - '11 NCWM Board of Directors

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Director

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Weights and Measures Division

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New York Department of Agriculture and Markets

AT-LARGE

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Brockton Weights and Measures

AT-LARGE

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Measurement Canada

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National Conference on Weights and Measures



NATIONAL CONFERENCE ON WEIGHTS AND MEASURES
96TH ANNUAL MEETING
JULY 17-21, 2011 • MISSOULA, MONTANA

TECHNICAL MEETINGS / SESSIONS

- TASK GROUP ON RETAIL MOTOR FUEL DISPENSER PRICE POSTING AND COMPUTING CAPABILITY
 - TASK GROUP ON PRINTER INK AND TONER CARTRIDGES
 - FUELS AND LUBRICANTS SUBCOMMITTEE
 - GROCERY UNIT PRICING IN THE UNITED STATES
 - THE U.S. HYDROGEN MEASURING SYSTEM: THE TURNING POINT?

**BEAT THE EARLY BIRD DEADLINE OF JUNE 17, 2011 AND REGISTER TODAY AT
WWW.NCWM.NET**

2011 Annual Meeting Registration Form**July 17-21, 2011 / Missoula, Montana**

Please complete registration form legibly. Illegible forms may delay processing times. Submit form in one of the following ways:

E-mail: info@ncwm.net**Mail:** 1135 M Street, Suite 110 / Lincoln, NE 68508**P.** 402.434.4880**F.** 402.434.4878**ATTENDEE INFORMATION**Check One: ☐ NCWM Member ☐ Non-Member ☐ Retired Member ☐ Observer**Retired Member:** A person who has retired member status, and the same voting privileges as Associate Members.**Observer:** A first-time attendee, with no voting rights and will pay additional fees associated with special events.

Member ID #:	Name:	Name for Badge:	
Organization / Jurisdiction:		Title:	
Street Address:			
City:	State:	Zip Code:	Country:
Phone Number:	Email Address (Required):		

ATTENDEE'S GUEST INFORMATION

Name:	Name for Badge:
-------	-----------------

REGISTRATION FEES *\$25.00 FEE WILL BE ADDED TO ON SIGHT REGISTRATION

	NCWM Member	Non-Member	Retired Member	Observer	Guest
Before June 17, 2011	\$300.00	\$375.00	\$0.00	\$200.00	N/A
After June 17, 2011	\$350.00	\$425.00	\$0.00	\$250.00	N/A
Sunday OR Tuesday Only	\$100.00	\$150.00	\$0.00	\$100.00 Member \$150.00 Non-Member	N/A

SPECIAL EVENT FEES

	NCWM Member	Non-Member	Retired Member	Observer	Guest
Chairman's Reception	\$0.00	\$0.00	\$0.00	\$35.00/person	\$35.00/person
Light Breakfast	\$0.00	\$0.00	\$0.00	\$0.00	\$30.00/person (4 day package)
Taste of Montana	\$0.00	\$0.00	\$55.00	\$55.00	\$0.00 under age 5 \$27.50 ages 6-13 \$55.00 ages 14 older

PAYMENT INFORMATION

Will <u>You</u> Be Attending the <u>Chairman's Reception</u> : <input type="checkbox"/> Yes <input type="checkbox"/> No		Will <u>Your Guest</u> Be Attending the <u>Chairman's Reception</u> : <input type="checkbox"/> Yes <input type="checkbox"/> No	
Will <u>You</u> Be Attending the <u>Taste of Montana</u> : <input type="checkbox"/> Yes <input type="checkbox"/> No		Will <u>Your Guest</u> Be Attending the <u>Taste of Montana</u> : <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express <input type="checkbox"/> Check Enclosed (made payable to NCWM)			
Account Number:		Exp. Date:	Security Code:
Billing Address:			Zip Code:
Name on Card:		Total Amount Enclosed: \$	

Cancellation Policy

Cancellations received by June 17, 2011 are subject to a 15% cancellation fee. Cancellations received after June 17, 2011 is subject to a 50% cancellation fee. No refunds will be given after the event has commenced. In the case of a state-declared natural emergency a full refund will be issued. Refund requests due to personal medical emergencies shall be considered based on documentation. In such instances, a full refund may be issued. Refunds will only be made on registration fees paid to the National Conference on Weights and Measures.



National Conference on Weights and Measures

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