

THE NEW COMPONENT

NORTHEASTERN WEIGHTS AND MEASURES ASSOCIATION

Chairperson, Ethan Bogren - Westchester County, NY Since 1972

Editor, James McEnerney - State of CT

ISSUE 46

NEWMA NEWSLETTER

March 2017

REMINDER

NEWMA's Annual Meeting is in Saratoga Springs, New York, May 15 – May 18, 2017. The only way to register in advance is ONLINE at: <https://newma.ncwm.net/meetings/annual/registration>. Online payment options are by check or credit card. If you are paying by check, as soon as you register you will receive an email confirmation along with an invoice. The registration fee amount is \$ 225.00 in advance online or \$250.00 at the door.

Website: <http://www.newma.us/>

NORTHEASTERN WEIGHTS & MEASURES ASSOCIATION OFFICERS

2016 - 2017

Chairperson

Ethan Bogren - Westchester County, New York

Vice Chairperson

John McGuire - State of New Jersey

Treasurer

Charles Carroll - Commonwealth of Massachusetts

Secretary

James Cassidy - City of Cambridge, MA

BOARD OF DIRECTORS

James Cassidy - City of Cambridge, MA

Mark Coyne - City of Brockton, MA

John Gaccione - Westchester County, NY

Steve Giguere - State of Maine

STANDING COMMITTEES

Specifications & Tolerances

Jane Zulkiewicz - Town of Barnstable, MA

Bradford Bachelder - State of Maine

James McEnerney - State of Connecticut

John McGuire - State of New Jersey

Kevin Mikoski - Irving Oil

Professional Development

Cheryl Ayer - State of New Hampshire

Ross Anderson - New York

Mark Parquette - State of Vermont

Bill Callaway - Crompco

Laws & Regulations

Lou Sakin - Town of Hopkinton, MA

Ethan Bogren - Westchester County, NY

Frank Greene - State of Connecticut

Richard Scali - Barnstable MA

Rebecca Richardson - Marc IV Consulting

Audit

James Cassidy - City of Cambridge, MA

M. William Timmons - City of Medford, MA

STANDING COMMITTEES

Associate Member

Bill Callaway - Crompco

Gordon Johnson - Gilbarco Veeder-Root Inc.

Tom McGee - PMP Corp.

Kevin Mikoski - Irving Oil

Robert Murnane Jr. - Seraphin Test Measures

Nominating

Charles Carroll - Commonwealth of Massachusetts

James Cassidy - City of Cambridge MA

John Gaccione - Westchester County, NY

Events

2017 NEWMA Annual Meeting

May 15 - 18

Saratoga Springs, New York

Deadline for proposals: May 1, 2017

Hotel Accommodations

Holiday Inn Saratoga Springs

232 Broadway

Saratoga Springs, NY 12866

P. (518) 584-4550

Reservations

Online Reservations: [CLICK HERE](#)

Phone Reservations: (518) 584-4550

Room Rate: \$124.00/per night + tax

Group Code: WM4

Early Bird Reservation Deadline: April 14, 2017

Parking

Free parking

NEWMA Contact

Host: James Cassidy

City of Cambridge Weights and Measures Department

831 Massachusetts Ave. Cambridge, MA 02139

P. (617) 349-6133

E. jcassidy@cambridgema.gov

Events

2017 NEWMA Annual Meeting Training School

NIST Handbook 130 - Price Verification

May 16 - 17, 2017 8:00 a.m.

Holiday Inn Saratoga Springs

232 Broadway

Saratoga Springs, NY 12866

NEWMA Training School Registration Fee: \$50.00

Must Register at both:

<https://newma.ncwm.net/meetings/training>

&

<https://tsapps.nist.gov/WMD/default.aspx>

2017 NEWMA Annual Meeting

Schedule of Events

Mon – Thur. May 15 - 18, 2017

Monday May 15, 2017

9:00 a.m. NEWMA Executive Board Meeting

12:00 p.m. – 3:00 p.m. Registration

1:00 p.m. Welcome & Meeting Commencement

Ethan Bogren-NEWMA-Chair

1:15 p.m. L&R Committee Open Hearing

Chairperson Lou Sakin, Towns of Hopkinton/Northbridge

3:15 p.m. Break

3:30 p.m. S&T Committee Open Hearing

Chairperson, Jane Zulkiewicz, Barnstable MA

5:00 p.m. Adjourn

DATES TO REMEMBER

2017 NEWMA Interim Meeting

October 25 - 26

Portland, Maine

ACCOMMODATIONS

Hyatt Place Portland Old Port

433 Fore Street

Portland, ME 04101

P. (207) 775 - 1000

Reservations

Online Hotel Reservations:

(Available closer to the meeting date)

Room Rate: TBD

Group Code: TBD

Early Bird Reservation Deadline: TBD

102nd NCWM Annual Meeting 2017

July 16 - 20, 2017

Omni William Penn Hotel

530 William Penn Place

Pittsburgh, PA 15219

P. (412) 281-7100

The cut-off date for reservations is **June 23, 2017**

For online reservations: [CLICK HERE](#)

For phoned-in reservations: Call 1-800-THE-OMNI

Room Rate: \$129.00 + tax

Tuesday May 16, 2017

8:00 a.m. Training School

8:30 a.m. - 5:00 p.m. Registration

8:30 a.m. S&T Committee Open Hearing (cont'd)

Chairperson, Jane Zulkiewicz, Barnstable MA

10:00 a.m. Break

10:15 a.m. BOD and NTEP Open Hearing

Steve Giguere, State of Maine

James Cassidy, Cambridge, MA

10:45 a.m. Professional Development, Open Hearing,

Chairperson, Cheryl Ayer, NH

11:15 a.m. Neil Nover

Nover Engelstein & Associates, Inc.

12:00 p.m. Lunch

1:20 p.m. Opening Ceremonies

Ethan Bogren - NEWMA Chair

Commissioner Richard A. Ball, State of New York

Department of Agriculture and Markets

Kristin Macey, NCWM Chair

James P. Cassidy Jr., NCWM Chair-Elect

Douglas Olson, Chief, NIST OWM

Tuesday May 16, 2017 (cont'd)

2:15 p.m. Break

2:30 p.m. Scale Manufacturers Association Roundtable
Louis Straub, Fairbanks Scales

3:00 p.m. Updates on Ethanol Products
Kristin Moore, K Moore Consulting LLC

3:15 p.m. Updates on Bio Fuel Products
Rebecca Richardson, MARC IV Consulting

3:30 p.m. Committee's Work Session

Wednesday May 17, 2017

8:00 a.m. Training School

8:30 a.m. NIST Round Table and Training
NIST OWM

10:00 a.m. Break

10:15 a.m. NIST Round Table and Training (cont'd)
NIST OWM

11:30 a.m. PALS Updates
Chris Guay – Chair

12:15 p.m. Lunch

1:30 p.m. Technical Presentation

2:30 p.m. Break

2:45 p.m. Final Committee Reports & Voting

Specifications & Tolerances Committee
Jane Zulkiewicz, Barnstable, MA

Laws and Regulations Committee
Lou Sakin, Hopkinton, MA

Professional Development Committee
Cheryl Ayer, State of New Hampshire

Board of Directors/NTEP
Steve Giguere, State of Maine
Jim Cassidy, City of Cambridge, MA

5:00 p.m. Adjourn

Thursday May 18, 2017

8:30 a.m. Final Committee Reports & Voting (cont'd)

9:00 a.m. NEWMA Business Meeting

Ethan Bogren - NEWMA Chair

Nomination Committee

Election of Officers and Board Members

Appointment of New Chairman

11:30 a.m. Unfinished Business

12:00 p.m. Adjourn

Laws & Regulations Committee Interim Report

Ethan Bogren, L&R Committee Chair, Westchester County
New York

The 2017 Laws & Regulations Committee Interim Agenda consisted of 25 Items. Presentations and written testimony submitted to the committee are available on the NCWM website. The Fuels & Lubricants Subcommittee and the Packaging & Labeling Subcommittee both met at the Interim Meeting and reported to the L&R Committee.

The L&R Committee designated the status for each of the agenda items as follows:

Voting Items

2302 NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES

- 2302-1 1. Food Products and
2. Non-Food Products
- 2302-2 1.12. Ready-to-Eat Food
- 2302-5 2.13. Polyethylene Products
- 2302-6 2.17. Precious Metals
- 2302-7 2.20. Gasoline – Oxygenate Blends and
2.30. Ethanol Flex Fuel
- 2302-8 2.23. Animal Bedding
- 2302-9 2.XX Automatic Transmission Fluid

2307 NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION

- 2307-1 2.14. Products for Use in Lubricating Automatic
Transmission Fluids and
3.14. Automatic Transmission Fluid.
- 2307-2 3. Classification and Method of Sale Fuels

Laws & Regulations Committee Interim Report(cont'd)

2500 NCWM POLICY, INTERPRETATIONS, AND GUIDELINES

2500-1 2.1.1. Weight(s) and/or Measure(s). ,
2.1.2.Weight(s) and/or Measure(s) 2.1.3. Definition of
Net Weight. , 2.2.1. Gift Packages. , 2.2.2. Sand. ,
2.2.3.Sold by 4/5 Bushel. , 2.2.5. Lot, Shipment, or
Delivery. ,

2.2.6. Aerosols and Similar Pressurized Containers. ,
2.2.7. Aerosol Packaged Products. , 2.2.8. Variety and
Combination Packages. , 2.2.9. Textile Products. ,
2.2.10. Yarn. , 2.2.11. Tint Based Paint. , 2.2.12.

Reference Temperature for Refrigerated Products:
When a Product is Required to be Maintained under
Refrigeration. , 2.3.9. Fireplace Logs. , 2.3.11. Packaged
Foods or Cosmetics Sold from Vending Machines. ,
2.3.12. Movie Films, Tapes, Cassettes

2600 NIST HANDBOOK 133

2600-1 1.2.1. Inspection Lots and Section 3.10. Mulch
and Soils Labeled by Volume

2600-4 4.5 Polyethylene Sheeting, Bags and Liners

Developing Items

2302 NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES

2302-11 Electric Watthour

2600 NIST HANDBOOK 133

2600-3 Recognize the Use of Digital Density Meters

2700 OTHER ITEMS

2700-1 Fuels and Lubricants Subcommittee

2700-2 Packaging and Labeling Subcommittee

Informational Items

2307 NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION

2307-3 4.1. Water in Retail Engine Fuel Storage Tanks

Withdrawn Items

2301 NIST HANDBOOK 130 – UNIFORM PACKAGING AND LABELING REGULATION

2301-1 10.4. Multi-unit Retail Packages

Withdrawn Items (cont'd)

2302 NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES

2302-3 1.12. Ready-to-Eat Food

2302-4 1.7.3. Bulk Ice Cream and Similar Frozen
Products

2302-10 2.XX. Agricultural Vending

2307 NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION

2307-4 4.3. Dispenser Filters

2600 NIST HANDBOOK 133

2600-2 1.2.3. Individual Package Requirement

2600-5 Table 2-12. Upper and Lower MAV Limits for
Fish and Fishery Products Labeled with a Count

2700 OTHER ITEMS

2700-3 NIST Handbook 158

NCWM Specifications and Tolerances Committee 2017 Interim Conference Summary

The NCWM Specifications and Tolerances Committee agenda consisted of 40 items and were given the following status: seventeen voting items; eleven developing; one informational item and eleven withdrawn items at the 2017 Interim NCWM Conference held in San Antonio, Texas January 8-11, 2017

VOTING ITEMS

Scales Code

3200-1 S.1.2. Value of Scale Division Units & Appendix
D – Definitions: batching scale

3200-2 S.1.2.2. Verification Scale Interval

3200-3 S.1.8.5. and S.1.9.3.

Liquid Measuring Devices Code

3300-1 S.2.1. Vapor Elimination

3300-2 UR.3.4. Printed Ticket

Vehicle-Tank Meters Code

3301-1 S.2.1. Vapor Elimination

3301-3 S.5.7. Meter Size

LPG and Anhydrous Ammonia Liquid-Measuring Devices Code

3302-1 N.3. Test Drafts

3302-3 N.4.2.3. For Wholesale Devices

Milk Meters Code

3305-1 S.2.1. Vapor Elimination

NCWM Specifications and Tolerances Committee

2017 Interim Conference Summary

(cont'd)

Water Meters Code

3306-1 S.2.2.1. Air Elimination

Mass Flow Meters Code

3307-1 S.3.3. Vapor Elimination

3307-2 N.3. Test Drafts

Taximeters Code

3504-1 A.2. Exceptions. (See related item 3600-6)

3504-2 USNWG on Taximeters – Taximeter Code

Revisions and Global Positioning System-Based Systems for Time and Distance Measurement

Multiple Dimension Measuring Devices Code

3508-1 S.1.7. Minimum Measurement Lengths and

S.1.8. Indications Below Minimum and Above Maximum

Other Items

3600-6 5.XX. Transportation Network Measurement Systems – Tentative Code and Appendix D Definitions

INFORMATIONAL ITEMS

Weigh-In-Motion Systems Used for Vehicle Enforcement Screening Code

3205-1 A. Application. and Sections Throughout the Code to Address Commercial and Law Enforcement Applications

DEVELOPING ITEMS

General Code

3100-1 G-S.5.2.2 Digital Indication and Representation

Scales Code

3200-4 Table 3, Parameters for Accuracy Classes

3200-5 Table 3, Parameters for Accuracy Classes

3200-6 N.1. Test Procedures

3200-8 T.N.3.6. Coupled-in-Motion Railroad Weighing Systems

Automatic Bulk Weighing Systems Code

3202-1 A. Application, S Specifications, N. Notes, UR. User Requirements

NCWM Specifications and Tolerances Committee

2017 Interim Conference Summary

(cont'd)

Vehicle-Tank Meters Code

3301-2 S.3.7. Manifold Hose Flush System

LPG and Anhydrous Ammonia Liquid-Measuring Devices Code

3302-2 N.4.1.2. Repeatability Tests and

N.4.2.4. Repeatability Tests for Type Evaluation

Other Items

3600-1 Electric Watthour Meters Code under

3600-2 Appendix A – Fundamental Considerations:

Section 4.4. General Considerations

3600-5 Appendix D – Definitions: Remote Configuration Capability

WITHDRAWN ITEMS

General Code

3100-2 G-UR.3.3. Position of Equipment

3200-7 T.1. General and

T.N.2.1. General Belt-Conveyor Scale Systems Code

3201-1 T.1. Tolerance Values

Automatic Weighing Systems Code

3204-1 T.N.2.1. General

Weigh-In-Motion Systems Used for Vehicle Enforcement Screening Code

3205-2 T.1.1. Design

Liquid Measuring Devices Code

3300-3 Recognized the Use of Digital Density Meters

Vehicle-Tank Meters Code

3301-4 N.4.X. Automatic Stop Mechanism,

T.X. Automatic Stop Mechanism and

UR.2.6. Multiple Dimension Measuring Devices Code

3508-2 T.3. Tolerance Values

Electronic Livestock, Meat, and Poultry Evaluation

Systems Code

3509-1 T.1. Tolerances on Individual Measurements

NCWM Specifications and Tolerances Committee

2017 Interim Conference Summary

(cont'd)

Other Items

3600-3 Appendix D – Definitions: Batching System

3600-4 Appendix D – Definitions: overregistration and underregistration

I would like to thank S & T Committee members for their knowledge, detail and support on the committee.

Respectfully submitted, Jane Zulkiewicz

2017 NCWM Interim Meeting

Professional Development Committee

Update

Cheryl Ayer, NEWMA PDC Chair, New Hampshire

The following is a summary of comments received by the PDC during open hearings and the direction of the committee going forward. All items are informational.

4100-1 Professional Certification Program

The certification coordinator reported that the two basic competency exams were delivered to NCWM in December of 2016. The exams will be implemented when a proctoring system has been established. The committee has provided guidelines for proctoring to NCWM administration. A proctoring system is an essential prerequisite to accreditation of the program. The committee created the post exam questions and will work with NCWM administration to incorporate the survey via Survey Monkey.

Steve Giguere (ME) requested a method for supervisor/director to receive notification of candidate intent to take exam, receive results, and attain a copy of the certificate. An explanation was provided on how to retrieve a certificate. However, the committee will explore options for alerting secondary parties of results. Kristen Macy (CA) wanted to know if the committee was taking into consideration the effects of recent changes in the market. An example is the legalization of cannabis. The Committee agrees and has moved precision scales up in priority for exam preparation. (See also item 4100-2)

4100-2 Training

Tina Butcher (NIST OWM) provided an overview of NIST training in the coming year. She noted information regarding these classes, including whether or not space is still available and will be posted on NIST's website under NIST OWM's calendar of events.

Mrs. Butcher also reported that NIST will be hosting two Weights and Measures Administrators' Workshops on March 27-31, 2017 and April 10-14, 2017.

Professional Development Committee (cont'd)

The workshops will be structured to cover information primarily of interest to new administrators at the beginning of each workshop and information particularly relevant to experienced administrators during the latter portion of each workshop, with a day of overlap in between. However, all experience levels are encouraged to attend the entire workshop and a wide range of participation would greatly enhance the experience for all participants. The agenda will include industry panels and presentations of best practices from current administrators.

Kristin Macey (CA) commented that many jurisdictions are dealing with the sale of legalized marijuana as well as other new technologies and applications. She asked Mrs. Butcher if NIST has considered this and other areas with regard to the availability of NIST training and technical materials and also asked Ross Andersen (NCWM Certification Coordinator) if this has been considered within the NCWM Certification Program. Mrs. Butcher and Mr. Andersen reported that this area isn't currently addressed, but could be considered in the future. Both acknowledged the need to consider new areas when prioritizing work and expressed appreciation for the ideas. (See also item 4100-1)

4100-3 Instructor Improvement

Mrs. Butcher reported on activities in the NIST Trainer Program. OWM is currently revising criteria for instructors and will be collaborating with the NCWM BOD for input on the criteria.

OWM is also in the process of reassessing the background and experience of instructors participating in the program and will be polling them to get updates on their background and experience in specific technical areas and courses taken in instructional methods as well as technical content. OWM will be asking the instructors to "self-declare" the areas of training in which they are interested in providing instruction.

OWM is continuing to update and refine its own administrative procedures related to training and will share these updates with the trainers it is mentoring. Once this information has been collected and assessed, OWM plans to conduct a "Trainer Boot Camp" for those trainers it is actively mentoring. Others who are interested may be invited to participate if space allows. Mrs. Butcher reported that NIST provided a grant to NCWM which has provided monetary support for the travel for these instructors to the training seminars. She expressed appreciation to the NCWM for the excellent support in this regard.

Professional Development Committee (cont'd)

Kristin Macey (CA) expressed appreciation for NIST's efforts as well as the efforts of these trainers. She reported that the training provided has greatly supplemented their training given the decrease in staff they have experienced. Jerry Buendel (WA) echoed Ms. Macey's comments, noting the enhanced ability for some of these trainers who have provided training to other jurisdictions. This has been particularly helpful in light of the high turnover in some areas.

Kurt Floren (LA County, CA) asked about the availability of resources to allow trainers to take training in instructional methods without having to travel to NIST or other locations. Mrs. Butcher noted that OWM has used a small number of vendors to present "train the trainer" courses to its own staff and to the participants in the NIST Trainer Program. This helps ensure consistency in approach and terminology. One of NIST's external trainers recently audited an American Management Association course with the goal of possibly recognizing the course as satisfying necessary "train the trainer" training for NIST instructors. OWM will be meeting to discuss the findings in a couple of weeks. These courses are offered at different places in the country and may be more accessible.

With regard to mentoring instructors in presenting the technical content of NIST courses and implementing other procedures and criteria involved with NIST courses, Mrs. Butcher noted that there are a number of people who have participated in instructor training courses and workshops over the past four or five years. NIST doesn't have the resources to work one-on-one to mentor each one of these participants to eventually provide training on behalf of NIST. However, this doesn't imply that others who have participated in these activities can't benefit from this training and put it to use conducting training in their own jurisdictions and other venues.

Mrs. Butcher expressed appreciation to those directors who have allowed their staff to assist with presenting NIST field inspection training as well as to the instructors themselves. These instructors have brought tremendous experience to the training seminars and significantly enhanced the success of the seminars. Brett Gurney (UT) expressed appreciation to the AMC for funding his travel to the Mariana Islands to present a seminar on package checking to 25 students from the US territories of Guam, Northern Mariana Islands, and the Marshall Islands. He also thanked the PDC for continued support of efforts such as this, noting the benefits it brought to the seven jurisdictions that participated.

Professional Development Committee (cont'd)

4100-4 Recommended Topics for Conference Training

Kristen Macy, California, suggested another topic of Marketplace Surveys. (How do you put together a great survey?) The focus of the presentation should be on creating confidence in the data and analysis.

The committee recommends the following topics for the annual meeting:

- Life Cycle of Petroleum from Well to Retail (API) - Prentiss Searles
- OSHA Inspections and Standards – Julie Quinn
- Marketplace Surveys – NIST/Survey Expert

4200-1 Safety Awareness

Safety Task Group

The safety liaison reported that the NCWM Board of Directors (BOD) authorized the formation of a Safety Task Group (STG) which would be chaired by the safety liaison and report directly to the PDC.

The initial kick-off meeting will be at the 2017 NCWM Annual meeting in July. After that, the STG will meet via monthly 2-hour web meetings. The STG will consist of the regional safety liaisons, a representative from NIST Office of Weights and Measures (OWM), plus industry representatives from both weighing and measuring fields.

Please contact safety liaison, Julie Quinn (Julie.quinn@state.mn.us) if you are interested in participating on the STG.

Annual Safety Survey

The safety liaison also reported that the 2016 safety survey will be open at the end of February. Associate member organizations and international regulatory bodies are welcome to participate in the survey this year and should provide Don Onwiler (don.onwiler@ncwm.net) with a contact name and email if they wish to receive an invitation to join the survey.

The PDC does not want to collect names or any personally identifying information about injured employees or agencies responding to the survey. The committee only wants to know the general nature of the responding agency (regulatory, service agency, device manufacturer, etc.) and geographic region. All other information can be taken from an agency's internal records or from its OSHA 300 records, whichever is easier. Contact Julie Quinn (Julie.quinn@state.mn.us) if you have any questions before completing the survey.