National Conference on Weights and Measures

# Annual Report of the 99th NCWM

## Table of Contents

 **Page**

[Abstract ii](01-titlepg-14-annual-final.docx%22%20%5Cl%20%22Abstract)

[Past Chairman v](03-pstchairs-14-annual-final.docx)

[Organizational Chart ix](04-Orgchart-14-annual-final.docx)

### General Session

[Honorary President’s Address – Dr. Willie May, NIST, Acting Director GEN - 1](05-gen-14-annual-final.docx%22%20%5Cl%20%22PresidentsAddress)

[Chairman’s Address – John Gaccione, Westchester County, New York GEN - 15](05-gen-14-annual-final.docx%22%20%5Cl%20%22ChairmansAddress)

[Chairman Elect’s Address – Ronald Hayes, Detroit, Michigan GEN - 19](05-gen-14-annual-final.docx%22%20%5Cl%20%22ChairmanElectAddress)

Awards and Recognition

 [Contribution Award GEN - 21](05-gen-14-annual-final.docx#Contribution)

 [Distinguished Service Award Recipients GEN - 21](05-gen-14-annual-final.docx#DistinguishedService)

 [Lifetime Achievement Award GEN - 22](05-gen-14-annual-final.docx#LifetimeAchievement)

 [Attendance Recognitions GEN - 22](05-gen-14-annual-final.docx%22%20%5Cl%20%22Attendance)

### Standing Committee Reports

[**Board of Directors (BOD) BOD-1**](06-bod-14-annual-final.docx)

 [Appendix A. Report of the Activities of the International Organization of Legal Metrology (OIML)
and Regional Legal Metrology Organizations BOD - A1](06-bod-apdx-a-14-annual-final.docx)

 [Appendix B. Associate Membership Committee (AMC) Agenda and Draft Meeting Minutes BOD - B1](06-bod-apdx-b-14-annual-final.docx)

[**Laws and Regulations Committee (L&R) L&R - 1**](07-lr-14-annual-final.docx)

[Appendix A. **Items 231-2, 232-3, 237-1, 237-2, 237-3, and 237-5:** Background and Justification for
NIST Handbook 130, Definition for “Diesel Gallon Equivalent (DGE)”
 of Natural Gas as a Vehicular Fuel L&R - A1](7-lr-apdx-a-14-annual-final.docx)

[Appendix B. **Item 260-2:** NIST Handbook 130, Handbook 133, Test Procedures – Packages
Labeled by Volume, Section 3.12. Fresh Oysters Labeled by Volume L&R - B1](7-lr-apdx-b-14-annual-final.docx)

[Appendix C. **Items 232-6 and 237-9:** NIST Handbook 130, Uniform Regulation for the Method
of Sale, Section 1. Definitions, Section 2. Standard Fuels Specifications,
and Section 3. Classification and Method of Sale for Petroleum Items L&R - C1](7-lr-apdx-c-14-annual-final.docx)

[**Specifications and Tolerances Committee (S&T) S&T - 1**](08-st-14-annual-final.docx)

[Appendix A. **Item 320-2:** NIST Handbook 44, UR.2.4. Foundations, Supports, and Clearance S&T - A1](08-st-apdx-a-14-annual-final.docx)

[Appendix B. **Item 320-3:** NIST Handbook 44, Draft Tentative Code Applicable to Weigh-In-Motion Systems Used for Vehicle Enforcement Screening and proposed definitions to be added to NIST Handbook 44, Appendix D to support the Weigh-In-Motion Systems used for Vehicle Enforcement Screening – Draft Code S&T - B1](08-st-apdx-b-14-annual-final.docx)

[Appendix C. **Item 330-4**: NIST Handbook 44, N.4.2.5. Determination of Error on Wholesale Devices with Multiple Flow Rates and Calibration Factors S&T - C1](08-st-apdx-c-14-annual-final.docx)

[Appendix D.](08-st-apdx-e-14-annual-final.docx) **[Item 331-1:](08-st-apdx-e-14-annual-final.docx)** [NIST Handbook 44, N.4.2.1. Determination of Error on Vehicle-Tank Meters with Multiple Flow Rates and Calibration Factors S&T - D1](08-st-apdx-e-14-annual-final.docx)

[Appendix E. **Items 337-1, 337-2, 337-3, 337-4, and 337-5:** NIST Handbook 44, Background and Justification for NIST Handbook 44 Definition of “Diesel Gallon Equivalent (DGE)” of Natural Gas as a Vehicular Fuel S&T - E1](08-st-apdx-e-14-annual-final.docx)

[Appendix F. **Item 358-1:** NIST Handbook 44, Measurement of Bulk Material in Open-Top Truck and Trailer Units, Load Scanner Metrology, Test Methods and Suitability for Use by Loadscan Ltd. S&T - F1](08-st-apdx-f-14-annual-final.docx)

[Appendix G. **Item 358-1:** NIST Handbook 44, Load Volume Scanner – Proposals for Integration into Handbook 44 S&T - G1](08-st-apdx-g-14-annual-final.docx)

[Appendix H. **Item 360-3:** NIST Handbook 44, Draft Code Requirements for Electric Vehicle Fueling and Submetering S&T - H1](08-st-apdx-h-14-annual-final.docx)

**[Professional Development Committee (PDC) PDC - 1](09-pdc-14-annual-final.docx)**

[Appendix A. Professional Certification Program Curriculum Work Plan PDC - A1](09-pdc-apdx-a-14-annual-final.docx)

[Appendix B. History of Professional Certification Program PDC - B1](09-pdc-apdx-b-14-annual-final.docx)

[Appendix C. History of Instructor Improvement PDC - C1](09-pdc-apdx-c-14-annual-final.docx)

[Appendix D. Training Manual PDC - D1](09-pdc-apdx-d-14-annual-final.docx)

[**National Type Evaluation Program Committee (NTEP) NTEP - 1**](10-ntep-14-annual-final.docx)

[Appendix A. NTEP Statistics Report NTEP - A1](10a-ntep-stats-14-annual-final.docx)

[Appendix B. Belt-Conveyor Scale Meeting Summary NTEP - B1](10b-ntep-bsc-14-annual-final.docx)

[Appendix C. Grain Analyzer Sector Meeting Summary NTEP -C1](10c-ntep-grain-14-annual-final.docx)

[Appendix D. Measuring Sector Meeting Summary NTEP - D1](10d-ntep-meas-14-annual-final.docx)

[Appendix E. Software Sector Meeting Summary NTEP - E1](10e-ntep-software-14-annual-final.docx)

[Appendix F. Weighing Sector Meeting Summary NTEP - F1](10f-ntep-weigh-14-annual-final.docx)

[**Nominating Committee NOM - 1**](11-nom-14-annual-final.docx)

[**Attendees ATTEND - 1**](12-attend-14-annualfinal.docx)