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| **20****16 Amendments** |
| The following table lists the codes, paragraphs, and pages in which the 101th National Conference on Weights and Measures made amendments. In the column headed “Action,” changes are noted as “added,” “amended,” “deleted,” or “renumbered.” Each code, section, or paragraph that has been changed will be noted as “Added 2016” or “Amended 2016.” |

| **SECTION** | **CODE** | **S&T**  **ITEM NO.** | **PARAGRAPH** | **ACTION** | **PAGE** |
| --- | --- | --- | --- | --- | --- |
| 1.10. | General Code | 310-1 | G-S.1. Identification. | Amended | 1-4 |
| 310-2 | G-S.9. Metrologically Significant Software Updates. | Added | 1-9 |
| 2.20. | Scales | 320-2 | S.5.4. Relationship of Load Cell Verification Interval to the Scale Division. | Amended | 2-19 |
| 320-3 | N.1.3.3.2. Prescribed Test Pattern and Test Loads for Livestock Scales with More Than Two Sections and Combination Vehicle. | Amended | 2‑29 |
| N.1.3.3.3. Prescribed Test Patterns and Test Loads for Two-Section Livestock Scales. | Amended | 2-29 |
| 3.30. | Liquid Measuring Devices | 330-1 | S.1.6.3. Return to Zero. | Amended | 3-7 |
| 330-2 | S.1.6.10. Automatic Timeout – Pay-At-Pump Retail Motor-Fuel Devices. | Subsection Added | 3-12 |
| 330-3 | N.4.5. Verification of Linearization Factors. | Added | 3-20 |
| UR.4. Maintenance Requirements. | Added | 3-25 |
| U.R.4.1. Use of Adjustments. | Added | 3-25 |
| 3.31. | Vehicle-Tank Meters | 331-1 | S.1.1.5. Return to Zero. | Amended | 3-32 |
| 331-2 | Table S.2.2. | Amended | 3-35 |
| 331-4 | N.4.6. Verification of Linearization Factors. | Added | 3-39 |
| UR.3. Maintenance Requirements. | Subsection Added | 3-43 |
| UR.3.1. Use of Adjustments. | Added | 3-43 |
| 3.32. | Liquefied Petroleum Gas and Anhydrous Ammonia Liquid-Measuring Devices | 332-1 | S.1.4.2. Return to Zero. | Amended | 3-49 |
| 332-2 | S.1.4.1. Indication of Delivery. | Amended | 3-49 |
| S.1.5.1. For Stationary Retail Devices Only. | Amended | 3-49 |
| S.1.5.3. Agreement Between Indications. | Added | 3-51 |
| S.1.5.3. Recorded Representations Point of Sale System | Renumbered to S.1.5.4. and Title Amended | 3-51 |
| S.1.5.5. Recorded Representations for Transactions Where a Post-Delivery Discount(s) is Provided. | Added | 3-51 |
| S.1.5.6. Transaction Information, Power Loss. | Added | 3-52 |
| S.1.5.7. Totalizers for Retail Motor-Fuel Dispensers. | Added | 3-52 |
| S.2.5. Zero-Set-Back Interlock for Stationary Retail Motor-Fuel Devices. | Added | 3-53 |
| S.2.5. Thermometer Well. | Renumbered to S.2.6. | 3-54 |
| S.2.6. Automatic Temperature Compensation. | Renumbered to S.2.7. | 3-54 |
| S.2.6.1. Provision for Deactivating. | Renumbered to S.2.7.1. | 3-54 |
| S.2.6.2. Provision for Sealing | Renumbered to S.2.7.2. | 3-54 |
| UR.2.7. For Stationary Retail Computing Type Systems Only, Installed After January 1, 2016. | Added | 3-59 |
| UR.2.7.1. Unit Price and Product Identity. | Added | 3-59 |
| UR.2.7.2. Computing Device | Added | 3-60 |
| 332-3 | S.2.1. Vapor Elimination | Amended | 3-52 |
| 332-4 | Table S.2.2. Categories of Device and Methods of Sealing | Amended | 3-53 |
| 332-7 | UR.2.3. Vapor-Return Line | Amended | 3-58 |
| 3.34. | Cryogenic Liquid-Measuring Devices | 334-1 | Table S.2.5. Categories of Device and Methods of Sealing | Amended | 3-79 |
| 3.35. | Milk Meters | 335-1 | Table S.2.3. Categories of Device and Methods of Sealing | Amended | 3-90 |
| 3.37. | Mass Flow Meters | 337-1 | Table S.3.5. Categories of Device and Methods of Sealing | Amended | 3-110 |
| 337-2 | S.1.2. Compressed Natural Gas and Liquefied Natural Gas Dispensers. | Amended | 3-105 |
| S.3.1.1. Compressed Natural Gas Used as an Engine Fuel. | Amended | 3-105 |
| S.1.3.1.2. Liquefied Natural Gas Used as an Engine Fuel. | Added | 3-105 |
| S.5.2. Marking of Gasoline VolumeEquivalent Conversion Factors. | Title Amended | 3-112 |
| S.5.3. Marking of Equivalent Conversion Factor for Liquefied Natural Gas. | Added | 3-112 |
| S.6. Printer | Amended | 3-113 |
| UR.3.1.1. Marking of Equivalent Conversion Factors for Compressed Natural Gas. | Added | 3-117 |
| UR.3.1.2. Marking of Equivalent Conversion Factor for Liquefied Natural Gas. | Added | 3-117 |
| UR.3.8. Return of Product to Storage, Retail Compressed Natural Gas Dispensers. | Title Amended | 3-118 |
| 3.38. | Carbon Dioxide Liquid-Measuring Devices | 338-1 | Table S.2.5. Categories of Device and Methods of Sealing | Amended | 3-124 |
| 338-2 | S.2.1. Vapor Elimination | Amended | 3-123 |
| 3.39. | Hydrogen Gas-Measuring Devices – Tentative Code | 339-1 | Table S.3.3. Categories of Device and Methods of Sealing | Amended | 3-140 |
| 3.39. | Hydrogen Gas-Measuring Devices – Tentative Code | 339-2 | Table T.2. Accuracy Classes and Tolerances for Hydrogen Gas-Metering Devices. | Amended | 3-144 |
| 5.54. | Taximeters | 354-1 | A.2. Exceptions. | Amended | 5-27 |
| S.1.2. Advancement of Indicating Elements. | Amended | 5-27 |
| 254-2 | S.2. Basis of Fare Calculations. | Amended | 5-30 |
| 354-3 | S.3.2. Flag. | Deleted | 5-30 |
| S.3.3. Control for Extras Mechanism. | Renumbered to S.3.2. | 5-30 |
| 5.58. | Multiple Dimension Measuring Devices | 358-1 | S.1.5. Value of Dimension/Volume Division Units. | Amended | 5-78 |
| 358-2 | Table S.4.1.a. Marking Requirements for Multiple Dimension Measuring Systems. | Amended | 5-82 |
| Table S.4.1.b. Multiple Dimension Measuring Systems Notes for Table S.4.1.a. | Amended | 5-83 |
| 358-3 | S.2.2.1. Maximum Value of Tare for Multi-Interval (Variable Division-Value) Devices. | Added | 5-81 |
| S.2.2.2. Net Values, Mathematical Agreement. | Added | 5-81 |
| Table 1. Examples of Acceptable Altering of Tare to Achieve Accurate Net Indication | Added | 5-81 |
| T.2.3. Multi-Interval (Variable Division-Value) Devices. | Amended | 5-84 |
| 5.58. | Multiple Dimension Measuring Devices (cont.) | 358-3 | T.2.4. Mixed-Interval Devices. | Added | 5-84 |
| Appendix D | Definitions | 337-2 | diesel gallon equivalent (DGE) | Added | D-10 |
| gasoline gallon equivalent (GGE) | Amended | D-13 |
| gasoline liter equivalent (GLE) | Deleted | D-13 |
| 354-3 | flag | Deleted | D-13 |
| 354-4 | flat rate | Added | D-13 |
| negotiated rate | Added | D-19 |
| 360-4 | calibration parameter | Amended | D-8 |

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| **2016 Editorial Changes** | | | | |
| **SECTION** | **CODE** | **PARAGRAPH** | **ACTION** | **PAGE** |
| Introduction |  | Form 15 | Updated to include current version | 4 |
| Appendix C | General Tables of Units of Measurement | 1 liter | Corrected 61.02~~5~~4 cubic inches | C-18 |
| Appendix D |  | User Requirement | Corrected reference (Also see Introduction, Section D~~Q~~.) | D-27 |