

Addendum Sheets

Laws and Regulations (L&R) Committee Interim Report

Ms. Judy Cardin, Committee Chair
Wisconsin

200 INTRODUCTION

The L&R Committee (hereinafter referred to as the “committee”) submits its Committee Interim Report for consideration by National Conference on Weights and Measures (NCWM). This report contains the items published in *NCWM Publication 16 Committee Reports for the 97th Annual Meeting* and this addendum. The report will address the following items in Table A during the Annual Meeting. Table A identifies the agenda items as they appear in *NCWM Publication 16* and page numbers refer to that publication.

Following Table A of this addendum, items are grouped according to item status: **(VC) Voting Consent Calendar:** the committee has grouped these items for a single vote; **(V) Voting Item:** the committee is making recommendations requiring a vote by the active members of NCWM; **(I) Informational Item:** the item is under consideration by the committee but not proposed for Voting; **(D) Developing Item:** the committee determined the item has merit; however, the item was returned to the submitter or other designated party for further development before any action can be taken at the national level; **(W) Withdrawn Item:** the item has been removed from consideration by the committee.

Subject Series List

Introduction	200 Series
NIST Handbook 130 – General	210 Series
Uniform Laws.....	220 Series
Uniform Weights and Measures Law	221 Series
Uniform Weighmaster Law	222 Series
Uniform Engine Fuels and Automotive Lubricants Inspection Law	223 Series
Uniform Regulations	230 Series
Uniform Packaging and Labeling Regulation	231 Series
Uniform Regulation for the Method of Sale of Commodities	232 Series
Uniform Unit Pricing Regulation	233 Series
Uniform Regulation for the Voluntary Registration of Servicepersons and Service Agencies for Commercial Weighing and Measuring Devices	234 Series
Uniform Open Dating Regulation	235 Series
Uniform Regulation for National Type Evaluation	236 Series
Uniform Engine Fuels and Automotive Lubricants Regulation	237 Series
Examination Procedure for Price Verification.....	240 Series
NCWM Policy, Interpretations, and Guidelines, Section 2.....	250 Series
NIST Handbook 133.....	260 Series
Other Items – Developing Items.....	270 Series

Table A
Table of Contents

Reference Key	Title of Item	NCWM Publication 16 L&R Page
200	INTRODUCTION.....	1
210	NIST HANDBOOK 130 – GENERAL.....	5
210-1	W Clarification of Terminology.....	5
221	NIST HANDBOOK 130 – UNIFORM WEIGHTS AND MEASURES LAW.....	9
221-1	D Section 1. Definitions.....	9
231	NIST HANDBOOK 130 – UNIFORM WEIGHTS AND MEASURES LAW.....	9
231-1	I Sections 6.12. Supplementary Quantity Declarations and 6.14. Qualification of Declaration Prohibited.....	13
231-2	I Section 10.3. Aerosols and Similar Pressurized Containers.....	16
231-3	V Section 10.11. Statements of Cubic Measure in Compressed Form.....	19
232	NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES.....	20
232-1	V Section 2.13.4. Declaration of Weight (Polyethylene).....	20
232-2	V Section 2.19. Kerosene.....	26
232-3	V Section 2.23. Animal Bedding.....	28
232-4	V Section 2.33. Vehicle Motor Oil.....	29
232-5	D Section 2.XX. Retail Sale of Electricity/Vehicle.....	31
232-6	I Section 2.XX. Printer Ink and Toner Cartridges Labeling.....	34
232-7	V Section 2.32.1 Definition of Hydrogen Fuel (H).....	38
237	NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION.....	39
237-1	V Section 2.1.2. Gasoline – Oxygenated Blends.....	39
237-2	I Section 2.1.5. Minimum Motor Octane Number.....	43
237-3	V Section 3.1. General Classification, Standardization Colors for Nozzles and Section 3.3. Diesel Fuel.....	44
237-4	V Section 3.13.1. Labeling of Vehicle Motor Oil.....	46
237-5	I Section 3.15. Biodiesel and Biodiesel Blends.....	51
237-6	V Section 3.2.X. EPA Labeling Requirements Also Apply.....	55
237-7	V Section 4. Retail Storage Tanks and Dispenser Filters.....	57
237-8	I Section 4.3. Dispenser Filters.....	58
237-9	V Section 2.XX. Requirements for Hydrogen Fuel.....	60
237-10	V Section 1. Definitions for Hydrogen Fuel, Internal Combustion Engines and Fuel Cell Vehicles.....	64
237-11	I Section X.X. Flex Fuel Vehicles.....	66
250	NCWM POLICY, INTERPRETATIONS, AND GUIDELINES, SECTION 2 EXCERPTS FROM NCWM PUBLICATION 3.....	67
250-1	W Section 2.7. Technology Difference of Standards.....	67
260	NIST HANDBOOK 133.....	70
260-1	W Section 2.3.8. Moisture Allowance – Moisture Loss for Products.....	70
260-2	V Section 2.3.8. Moisture Allowance – Pasta Products.....	72
260-3	I Section 3.10. Animal Bedding.....	76
260-4	V Section 4.7. Polyethylene Sheeting – Test Procedure – Step 3 Footnote.....	80
270	OTHER ITEMS – DEVELOPING ITEMS.....	83
270-1	D Fuels and Lubricants Subcommittee.....	83
270-2	D Packaging and Labeling Subcommittee.....	85
270-3	D Moisture Allowance.....	

Consent Calendar Items

Reference Key	Title of Item	Addendum L&R Page
231	NIST HANDBOOK 130 – UNIFORM PACKAGING AND LABELING REGULATION	7
231-3	VC Section 10.11. Statements of Cubic Measure In Compressed Form.....	7
232	NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES	20
232-1	VC Section 2.13.4. Declaration of Weight (Polyethylene)	20
232-2	VC Section 2.19. Kerosene	26
232-3	VC Section 2.23. Animal Bedding.....	28
232-7	VC Section 2.32.1 Definition of Hydrogen Fuel (H)	38
237	NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION	39
237-6	VC Section 3.2.X. EPA Labeling Requirements Also Apply	55
237-7	VC Section 4. Retail Storage Tanks and Dispenser Filters	57
237-9	VC Section 2.XX. Requirements for Hydrogen Fuel.....	60
237-10	VC Section 1. Definitions for Hydrogen Fuel, Internal Combustion Engines and Fuel Cell Vehicles	64
260	NIST HANDBOOK 133.....	70
260-4	VC Section 4.7. Polyethylene Sheeting – Test Procedure – Step 3 Footnote.....	80

Voting Item(s)

Reference Key	Title of Item	Addendum L&R Page
232	NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES	8
232-4	V Section 2.33. Vehicle Motor Oil.....	9
237	NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION	11
237-1	V Section 2.1.2. Gasoline – Oxygenated Blends.....	11
237-3	V Section 3.1. General Classification, Standardized Colors for Nozzles and Section 3.3. Diesel Fuel.....	12
237-4	V Section 3.13.1. Labeling of Vehicle Motor Oil	13
260	NIST HANDBOOK 133.....	15
260-2	V Section 2.3.8. Moisture Allowance – Pasta Products	15

Informational Item(s)

Reference Key	Title of Item	Addendum L&R Page
231	NIST HANDBOOK 130 – UNIFORM PACKAGING AND LABELING REGULATION	7
231-1	I Sections 6.12. Supplementary Quantity Declarations and 6.14. Qualification of Declaration Prohibited	7
231-2	I Section 10.3. Aerosols and Similar Pressurized Containers	7
232	NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES	8
232-6	I Section 2.XX. Printer Ink and Toner Cartridges Labeling.....	10

237	NIST HANDBOOK 130 – UNIFORM ENGINE FUELS AND AUTOMOTIVE LUBRICANTS REGULATION	11
237-2	I Section 2.1.5. Minimum Motor Octane Number	12
237-5	I Section 3.15. Biodiesel and Biodiesel Blends	14
237-8	I Section 4.3. Dispenser Filters	15
237-11	I Section X.X. Flex Fuel Vehicles	15
260	NIST HANDBOOK 133.....	15
260-3	I Section 3.10. Animal Bedding.....	16

Developing Item(s)

Reference Key	Title of Item	Addendum L&R Page
221	NIST HANDBOOK 130 – UNIFORM WEIGHTS AND MEASURES LAW.....	6
221-1	D Section 1. Definitions	6
232	NIST HANDBOOK 130 – UNIFORM REGULATION FOR THE METHOD OF SALE COMMODITIES	8
232-5	D Section 2.XX. Retail Sale of Electricity/Vehicle	10
270	OTHER ITEMS – DEVELOPING ITEMS.....	16
270-1	D Fuels and Lubricants Subcommittee.....	16
270-2	D Packaging and Labeling Subcommittee.....	16
270-3	D Moisture Allowance	16

Withdrawn Item(s)

Reference Key	Title of Item	Addendum L&R Page
210	NIST HANDBOOK 130 - GENERAL.....	5
210-1	W Clarification of Terminology	5
250	NCWM POLICY, INTERPRETATIONS, AND GUIDELINES, SECTION 2 EXCERPTS FROM NCWM PUBLICATION 3.....	15
250-1	W Section 2.7. Technology Difference of Standards	15
260	NIST HANDBOOK 133.....	15
260-1	W Section 2.3.8. Moisture Allowance – Moisture Loss for Products Not Listed.....	15

Details of All Items

(In order by Reference Key)

210 NIST HANDBOOK 130 - GENERAL

210-1 W Clarification of Terminology

No changes

221 NIST HANDBOOK 130 – UNIFORM WEIGHTS AND MEASURES LAW

221-1 D Section 1. Definitions

The L&R Committee received updated language from the submitter on May 9, 2012 to clarify the language that was originally submitted. The Committee recommends review at the regional level. Further information and background discussion will be published in Pub. 15 for 2013.

1.14. Calibration. – ~~An A set of operations which establishes, operation that,~~ under specified conditions, ~~the in a first step, establishes a relation relationship~~ between the quantity values ~~indicated by a measuring instrument or measuring system, or values represented by a material measure, and the corresponding known values of a measurand.~~ with measurement uncertainties provided by measurement standards and corresponding indications with associated measurement uncertainties and, in a second step, uses this information to establish a relation for obtaining a measurement result from an indication.

(Added 2005) (Amended 20XX)

1.15. Metrological Traceability. – The property of ~~the a measurement~~ result ~~of a measurement or the value of a standard~~ whereby the result ~~it~~ can be related to a reference ~~stated references, usually national or international standards,~~ through a documented ~~an~~ unbroken chain of calibrations, each contributing to the measurement uncertainty. ~~comparisons all having stated uncertainties.~~

(Added 2005) (Amended 20XX)

1.16. Measurement Uncertainty. – A non-negative parameter ~~associated with the result of a measurement that characterizes characterizing~~ the dispersion of the quantity values ~~that could reasonably be being~~ attributed to a measurand, the measurand. based on the information used.

(Added 2005) (Amended 20XX)

1.19. Standard, Reference Measurement. – A measurement standard, ~~generally of the highest metrological quality available at a given location, from which measurements made at that location are derived.~~ designated for the calibration of other measurement standards for quantities of a given kind in a given organization or at a given location. The term “reference measurement standards” usually means the physical standards of the state that serve as the legal reference from which all other standards for weights and measures within that state are derived.

(Added 2005) (Amended 20XX)

1.20. Standard, Working Measurement. – A measurement standard that is ~~usually calibrated against a reference standard, and is~~ used routinely to calibrate or ~~check material measures, measuring instruments or reference materials.~~ verify measuring instruments or measuring systems. The term “working measurement standards” means the physical standards that are traceable to the reference standards through comparisons calibrations or verifications, using acceptable laboratory procedures, and used in the enforcement of weights and measures laws and regulations.

(Added 2005) (Amended 20XX)

1.21. Metrological Traceability Chain. – Sequence of measurement standards and calibrations that is used to relate a measurement result to a reference.

(Added 20XX)

1.22. Metrological Traceability to a Measurement Unit. – Metrological traceability where the reference is the definition of a measurement unit through its practical realization.

(Added 20XX)

**231 NIST HANDBOOK 130 – UNIFORM PACKAGING AND LABELING
REGULATION**

**231-1 I Sections 6.12. Supplementary Quantity Declarations and 6.14. Qualification of
Declaration Prohibited**

No changes.

231-2 I Section 10.3. Aerosols and Similar Pressurized Containers

No changes. Testimony was heard during open hearing from an industry representative that they are working on a consensus recommendation for language changes to the proposal prior to the Interim 2013 meeting.

231-3 VC Section 10.11. Statements of Cubic Measure In Compressed Form

No changes.

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

232-1 VC Section 2.13.4. Declaration of Weight (Polyethylene)

The Committee recommends two editorial changes. The first change is to change the word “products” to “plastics” in the definition of linear low polyethylene. The second is to remove the word “linear” from the definition of high density polyethylene. Both of these changes are to align with ASTM language.

Several states spoke in support of this item. An industry representative was opposed to this item and referred back to documentation of his comments in prior meetings.

2.13.4. Declaration of Weight. – The labeled statement of weight for polyethylene sheeting and film products under Section 2.13.1.1. Sheeting and film, and 2.13.3.1. Bags shall be equal to or greater than the weight calculated by using the formula below. The final value shall be calculated to four digits, and declared to three digits, dropping the final digit as calculated (for example, if the calculated value is 2.078 lb, then the declared net weight shall be 2.07 lb).

For SI dimensions:

$M = T \times A \times D / 1000$, where:

- M = net mass in kilograms
- T = nominal thickness in centimeters
- A = nominal length in centimeters times nominal width [^{NOTE 6, page 122}] in centimeters
- D = density in grams per cubic centimeter as ~~determined~~ **defined** by ASTM Standard D1505 **68**, “Standard ~~Test~~ Method ~~of Test~~ for Density of Plastics by the Density Gradient Technique” **(2010 or latest issue)** and ASTM Standard D883, “Standard Terminology Relating to Plastics” (2011 or latest issue)

For the purpose of this regulation, the minimum density for linear low density polyethylene plastics (LLDPE) shall be 0.92 g/cm³ (when D is not known).

For the purpose of this regulation, the minimum density for linear medium density polyethylene plastics (LMDPE) shall be 0.93 g/cm³ (when D is not known).

For the purpose of this regulation, the minimum density for ~~linear~~ high density polyethylene plastics (HDPE) shall be 0.94 g/cm³ (when D is not known).

For inch-pound dimensions:

$W = T \times A \times 0.03613 \times D$, where:

- W = net weight in pounds;
- T = nominal thickness in inches;
- A = nominal length in inches times nominal width [^{NOTE 6, page 123}] in inches;
- D = density in grams per cubic centimeter as ~~determined~~ **defined** by ASTM Standard D1505 **68**, “Standard ~~Test~~ Method ~~of Test~~ for Density of Plastics by the Density Gradient Technique” **(2010 or latest issue)**; and ASTM Standard D883, “Standard Terminology Relating to Plastics” (2011 or latest issue); and 0.03613 is a factor for converting g/cm³ to lb/in³

For the purpose of this regulation, the minimum density for linear low density polyethylene plastics (LLDPE) shall be 0.92 g/cm^3 (when D is not known).

For the purpose of this regulation, the minimum density for linear medium density polyethylene plastics (LMDPE) shall be 0.93 g/cm^3 (when D is not known).

For the purpose of this regulation, the minimum density for ~~linear~~ high density polyethylene plastics (HDPE) shall be 0.94 g/cm^3 (when D is not known).

(Added 1977) (Amended 1980, 1982, 1987, 1989, 1990, ~~and~~ 1993, and 20XX)

NOTE 6: The nominal width for bags in this calculation is twice the labeled width.

232-2 VC Section 2.19. Kerosene

No comments.

232-3 VC Section 2.23. Animal Bedding

One county official voiced support for this item. No changes.

232-4 V Section 2.33. Vehicle Motor Oil

The Committee changed the term “vehicle motor oil” to read “vehicle engine (motor) oil.” The Committee also did a minor editorial revision in 2.33.1.1. Viscosity. The Committee added the statement “Vehicle engine (motor) oil shall be labeled.”

Numerous letters were received in support of this item and one letter of opposition. During open hearings numerous industry and regulatory officials were in support of this item. There was one trade organization that opposed. There was concern expressed that if an item is labeled “motor oil” does this qualify. The Committee is also requesting that Kevin Ferrick, API attend the fall regional meetings (WWMA and SWMA) to provide guidance on the process to have brand testing in the event of a complaint.

2.33. Oil.

2.33.1. Labeling of Vehicle Engine (Motor) Oil.

Vehicle engine (motor) oil shall be labeled.

2.33.1.1. Viscosity. – The label on a any vehicle engine (motor) oil container, receptacle, dispenser, or storage tank, and the any invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank, shall contain the viscosity grade classification preceded by the letters “SAE” in accordance with the SAE International’s latest version of SAE J300, “Engine Oil Viscosity Classification.”

2.33.1.2. Intended Use. – The label on any vehicle engine (motor) oil container shall contain a statement of its intended use in accordance with the latest version of SAE J183, “Engine Oil Performance and Engine Service Classification (Other than ‘Energy Conserving’).”

2.33.1.3. Brand. – **The label on any vehicle engine (motor) oil container and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank shall contain the name, brand, trademark, or trade name of the vehicle engine (motor) oil.**

2.33.1.4. Engine Service Category. – **The label on any vehicle engine (motor) oil container, receptacle, dispenser, or storage tank and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank shall contain the engine service category, or categories, met in letters not less than 3.18 mm (¹/₈ in) in height, as defined by the latest version of SAE J183, “Engine Oil Performance and Engine Service Classification (Other than ‘Energy Conserving’)” or API Publication 1509, “Engine Oil Licensing and Certification System.”**

2.33.1.4.1. Inactive or Obsolete Service Categories. – **The label on any vehicle engine (motor) oil container, receptacle, dispenser, or storage tank and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank shall bear a plainly visible cautionary statement in compliance with SAE J183, Appendix A, whenever the vehicle engine (motor) oil in the container or in bulk does not meet an active API service category as defined by the latest version of SAE J183, “Engine Oil Performance and Engine Service Classification (Other than ‘Energy Conserving’).”**

2.33.1.4.25. Tank Trucks or Rail Cars. – **Tank trucks, rail cars, ~~or~~ and other types of delivery trucks that are used to deliver vehicle engine (motor) oil are not required to display the SAE viscosity grade and service category or categories as long as the bill of lading or other documentation provides that information**

All references to invoice or receipt will be enforceable effective on July 1, 2013.
(Added 20XX)

232-5 D Section 2.XX. Retail Sale of Electricity/Vehicle

NIST has formed a workgroup to develop this item. Two regulatory officials rose to express urgency on developing this matter. No changes.

232-6 I Section 2.XX. Printer Ink and Toner Cartridges Labeling

The Committee heard testimony from an Industry representative and that they had submitted previous background and documentation on this item. They will continue to work with the Printer Ink and Toner Cartridge workgroup. No changes.

232-7 VC Section 2.32.1. Definition of Hydrogen Fuel (H)

No changes.

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

237-1 V Section 2.1.2. Gasoline – Oxygenated Blends

The FALS could not reach a consensus on language for this item. During open hearings, a representative of API submitted alternative language for the Committee to consider. Everyone that testified, which was a large number of industry and regulatory officials, supported the alternative language. Several industry and regulatory representatives opposed the current language in Publication 16.

For both Publication 16 and the alternative language the 10 % ethanol cap is removed, thus allowing blends up to 15 % ethanol.

For non-summer fuels, this alternative language retains the 1 psi waiver (with the exception of Class E fuel which has a 0.5 psi waiver) that currently exists within HB130 for 1 to 10 % ethanol. It also expands the same vapor pressure waiver for all blends including blends up to 15 % ethanol. It provides a sunset date of May 1, 2016 at which point there will be no exceptions to ASTM standards.

For non-summer fuels, the Publication 16 language would have eliminated the 1 psi waiver for fuel with the publication of HB130 (2013).

The Committee recommends the language submitted by API be considered for adoption.

Section 2. Standard Fuel Specifications

2.1. Gasoline and Gasoline-Oxygenate Blends.

2.1.1. Gasoline and Gasoline-Oxygenate Blends (as defined in this regulation). – Shall meet the most recent version of ASTM D4814 “Standard Specification for Automotive Spark-Ignition Engine Fuel” except for the permissible offsets for ethanol blends as provided in Section 2.1.32. Gasoline-Ethanol Blends.

(Added 2009) (Amended 2012)

~~**2.1.2. Gasoline-Oxygenate Blends. Shall contain no more than 10 volume percent ethanol. For other oxygenates, blends shall contain no more than 2.0 mass percent oxygen except fuels containing aliphatic ethers and/or alcohols (excluding methanol) shall contain no more than 2.7 mass percent oxygen.**~~

~~(Added 2009)~~

2.1.32. Gasoline-Ethanol Blends. – When gasoline is blended with ~~1 to 10 volume percent~~ ethanol, the ethanol shall meet the ~~requirements~~ most recent version of ASTM D4806 “Standard Specification for Denatured Fuel Ethanol for Blending with Gasolines for Use as Automotive Spark-Ignition Engine Fuel” and the blend shall meet the most recent version of ASTM D4814 with the following permissible exceptions:

- (a) The maximum vapor pressure shall not exceed the ASTM D4814 limits by more than ~~1.0 psi for:~~
 - (1) 1.0 psi for blends containing ~~Only~~ 9 to 10 volume percent ethanol ~~blends~~ from June 1 through September 15.
 - (2) 1.0 psi for ~~All~~ blends containing of 1 or more to 10 volume percent ethanol for volatility classes A, B, C, D from September 16 through May 31.

(3) 0.5 psi for blends containing 1 or more volume percent ethanol for volatility Class E from September 16 through May 31.

The vapor pressure exceptions in subsections 2.1.2. will remain in effect until May 1, 2016 or until ASTM incorporates changes to the vapor pressure maximums for ethanol blends, whichever occurs earlier.

~~(b) Until May 1, 2012, or until ASTM D4814 incorporates changes to the 50 volume percent evaporated point to account for the volatility effects of up to 10 volume percent ethanol, whichever occurs earlier, the distillation minimum temperature at the 50 volume percent evaporated point shall not be less than 66 °C (150 °F) (see Notes 1 and 2).~~

~~(c) Until May 1, 2012, or until ASTM D4814 incorporates changes to the vapor lock protection minimum temperature for Classes 1–5 to account for the volatility effects of up to 10 volume percent ethanol, whichever occurs earlier, the minimum temperature for a Vapor-Liquid Ratio of 20 for the applicable vapor lock protection class for gasoline-ethanol blends shall be as follows (see Notes 1 and 2):~~

~~(1) Class 1 shall be 54 °C (129 °F)~~

~~(2) Class 2 shall be 50. °C (122 °F)~~

~~(3) Class 3 shall be 47 °C (116 °F)~~

~~(4) Class 4 shall be 41.5 °C (107 °F)~~

~~(5) Class 5 shall be 39 °C (102 °F)~~

~~(6) Class 6 shall be 35 °C (95 °F)~~

~~All gasoline and gasoline-ethanol blends sold in Area V (as shown in ASTM D4814 Appendix Fig. X1.2) shall meet the vapor lock protection minimum temperatures in ASTM D4814.~~

237-2 I Section 2.1.5. Minimum Motor Octane Number

Two industry representatives rose to support this item. No changes.

237-3 V ~~Section 3.1. General Classification, Standardized Colors for Nozzles and Section 3.3. Diesel Fuel~~

Two regulatory officials recommend changing the language to reference SAE J285 (or latest version), Dispenser Nozzle Spouts for Liquid Fuels Intended for Use with Spark Ignition and Compression Ignition Engines. The Committee agrees with the recommended change for adoption.

3.3. Diesel Fuel.

3.3.1. Labeling of Grade Required. – Diesel Fuel shall be identified by grades No. 1-D, No. 2-D, or No. 4-D.

3.3.2. EPA Labeling Requirements Also Apply. – Retailers and wholesale purchaser-consumers of diesel fuel shall comply with EPA pump labeling requirements for sulfur under 40 CFR § 80.570.

3.3.3. Delivery Documentation for Premium Diesel. – Before or at the time of delivery of premium diesel fuel, the retailer or the wholesale purchaser-consumer shall be provided on an invoice, bill of lading, shipping paper, or other documentation a declaration of all performance properties that qualifies the fuel as premium diesel fuel as required in Section 2.2.1. Premium Diesel Fuel.

(Added 1998) (Amended 1999)

3.3.4. Nozzle Requirements for Diesel Fuel. – **Each dispensing device from which diesel fuel is sold at retail shall be equipped with a nozzle spout that conforms to the latest version of SAE J285, “Dispenser Nozzle Spouts for Liquid Fuels Intended for Use with Spark Ignition and Compression Ignition Engines” having a terminal end with an outside diameter of not less than 23.63 mm (0.930 in).**

(Enforceable effective July 1, 2013.)

(Added 20XX)

237-4 V Section 3.13.1. Labeling of Vehicle Motor Oil

The Committee changed the term “vehicle motor oil” to read “vehicle engine (motor) oil. The Committee amended Section 3.13.1 to read “Labeling of Vehicle Engine (Motor) Oil Required.”

Numerous letters were received in support of this item and one letter of opposition. Two industry and one state representative rose to support this item.

3.13. Oil.

3.13.1. Labeling of Vehicle Engine (Motor) Oil Required

3.13.1.1. Viscosity. – The label on ~~each container of any~~ vehicle engine (motor) oil container, receptacle, dispenser, or storage tank and the invoice or receipt from service on an engine that includes the installation of vehicle motor oil dispensed from a receptacle, dispenser, or storage tank shall contain the viscosity grade classification preceded by the letters “SAE” in accordance with the SAE International’s latest version of SAE J300 Engine Oil Viscosity Classification.

3.13.1.2. Intended Use. – The label on ~~each container of any~~ vehicle engine (motor) oil container shall contain a statement of its intended use in accordance with the latest version of SAE ~~J300~~ J183 Engine Oil Performance and Engine Service Classification (Other than “Energy Conserving”).

3.13.1.3. Brand – The label on any vehicle engine (motor) oil container and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank shall contain the name, brand, trademark, or trade name of the vehicle engine (motor) oil.

~~3.13.1.3.1. Exception for Quantities of One Gallon (3.785 L) or Less.—A container of engine vehicle motor oil with a volume of 1 gal (3.785 L) or less that does not meet an active service category, as defined by the latest version of SAE J183, shall bear a plainly visible cautionary statement in compliance with SAE J183, Appendix A, for obsolete API oil categories.~~

3.13.1.34. Engine Service Category. – The label on ~~each container of any~~ vehicle engine (motor) oil container, receptacle, dispenser, or storage tank and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) oil dispensed from a receptacle, dispenser, or storage tank shall contain the engine service category, or categories, met in letters not less than 3.18 mm (1/8 in) in height, as defined by the latest version of SAE J183, Engine Oil Performance and Engine Service Classification (Other than “Energy Conserving”) or API Publication 1509, “Engine Oil Licensing and Certification System.”

3.13.1.4.1. Inactive or Obsolete Service Categories. – The label on any vehicle engine (motor) oil container, receptacle, dispenser, or storage tank and the invoice or receipt from service on an engine that includes the installation of vehicle engine (motor) engine oil dispensed from a receptacle, dispenser, or storage tank shall bear a plainly visible cautionary statement in compliance with SAE J183, Engine Oil Performance and Engine Service Classification (Other than “Energy Conserving”) Appendix A, whenever the vehicle engine (motor) oil in the container or in bulk does not meet an active API service category as defined by the latest version of SAE J183, Engine Oil Performance and Engine Service Classification (Other than “Energy Conserving”).

3.13.1.4.25. Tank Trucks or Rail Cars. – Tank trucks, rail cars, or and types of delivery trucks that are used to deliver vehicle engine (motor) oil are not required to display the SAE viscosity grade and service category or categories as long as the bill of lading other documentation provides that information.

All references to invoice or receipt will be enforceable effective on July 1, 2013.

(Amended 20XX)

237-5 I Section 3.15. Biodiesel and Biodiesel Blends

The FALS provided an update.

237-6 VC Section 3.2.X. EPA Labeling Requirements Also Apply

An industry representative rose to support this item. No changes.

237-7 VC Section 4. Retail Storage Tanks and Dispenser Filters

An industry representative rose to support this item. A comment was made that editorial changes to the term E85 may be needed as the flex fuel committee develops. No changes.

237-8 I Section 4.3. Dispenser Filters

The Committee encourages the FALS to continue developing this item. It was apparent from open hearings that there are many unresolved issues related to passenger vehicles. No changes.

237-9 VC Section 2.XX. Requirements for Hydrogen Fuel

An update was provided by the NIST Technical Advisor and advisor to the DOE USNHWG. No changes

237-10 VC Section 1. Definitions for Hydrogen Fuel, Internal Combustion Engines and Fuel Cell Vehicles

An update was provided by the NIST Technical Advisor and advisor to the DOE USNHWG. No changes.

237-11 I Section X.X. Flex Fuel Vehicles

The Chair of this workgroup provided an update and is seeking members to participate on this Workgroup. An industry representative rose to support. No changes.

**250 NCWM POLICY, INTERPRETATIONS, AND GUIDELINES, SECTION 2
EXCERPTS FROM NCWM PUBLICATION 3**

250-1 W Section 2.7. Technology Difference of Standards

No comment.

260 NIST HANDBOOK 133

260-1 W Section 2.3.8. Moisture Allowance – Moisture Loss for Products Not Listed

No comment.

260-2 V Section 2.3.8. Moisture Allowance – Pasta Products

Several Industry and regulatory officials rose to support this item. Two regulatory officials opposed. No changes.

260-3 I Section 3.10. Animal Bedding

No comment.

260-4 VC Section 4.7. Polyethylene Sheeting – Test Procedure –Step 3 Footnote

The Committee recommends the language align with the ASTM language. In doing so the Committee removed the word “linear” from the definition of high density polyethylene. One regulatory official spoke in support of this item.

Amend *NIST Handbook 133*, Section 4.7. Polyethylene Sheeting, Step 3. *footnote* as follows:

***~~Determined~~ Defined** by ASTM Standard **D150503**, “Standard Test Method for Density of Plastics by the Density-Gradient Technique.” **(2010 or latest issue) and ASTM Standard D883, Standard Terminology Relating to Plastics (2011 or latest issue)**

For the purpose of this regulation, the minimum density **for linear low density polyethylene plastics (LLDPE)** shall be 0.92 g/cm^3 (when D is not known).

For the purpose of this regulation, the minimum density for linear medium density polyethylene plastics (LMDPE) shall be 0.93 g/cm^3 (when D is not known).

For the purpose of this regulation, the minimum density for ~~linear~~ high density polyethylene plastics (HDPE) shall be 0.94 g/cm^3 (when D is not known).

270 OTHER ITEMS – DEVELOPING ITEMS

270-1 D Fuels and Lubricants Subcommittee

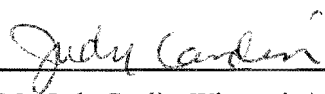
No comments

270-2 D Packaging and Labeling Subcommittee

No comments

270-3 D Moisture Allowance

No Comments



Ms. Judy Cardin, Wisconsin | Committee Chair
Mr. Louis Sakin, Towns of Hopkinton/Northbridge, Massachusetts | Member
Mr. Raymond Johnson, New Mexico | Member
Mr. Tim Lloyd, Montana | Member
Mr. Richard Lewis, Georgia | Member
Mr. Rob Underwood, Petroleum Marketers Association of America | Associate Membership Representative
Mr. Lance Robertson, Measurement Canada | Canadian Technical Advisor
Mr. David Sefcik, NIST, OWM | NIST Technical Advisor
Ms. Lisa Warfield, NIST, OWM | NIST Technical Advisor

Laws and Regulations Committee