

Proposal for Handbook 130

**Method of Sale for Fuels, Lubricants
and Automotive Products**
Harmonize and Simplify

WWMA Meeting
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Scottsdale, AZ

Informal Focus Group
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Mission

To consolidate Method of Sales for Fuel and Automotive Lubricants into one section.

Visual of how B. MOS and G. FAL are double covered

<u>B. MOS</u>	<u>G. FALS</u>		<u>Description</u>
2.XX.	3.14.		Automatic Transmission Fluid.
	3.5.		Aviation Gasoline.
	3.4.		Aviation Turbine Fuels
2.16.			Compressed or Liquefied Gases in Refillable Cylinders
2.31.	3.15.		Biodiesel and Biodiesel Blends
2.35.	3.16.	*	Diesel Exhaust Fluid (DEF)
2.3.	3.8.		Ethanol Flex Fuel
	3.6.		Fuel Oils
2.20.	3.2.	*	Gasoline
2.19.	3.7.	Item 1+2	Kerosene
2.21.	3.10.	Item 3+4	LPG
2.27.	3.11./3.12.	*	Natural gas
	3.9.		M85
2.33.	3.13.	*	oil
2.34.			Electricity as vehicle fuel
	3.32.		Hydrogen fuel
2.15.			Solid Fuel products

Preamble

We feel we are close but need your thoughts and feed back to do this right the first time.

Please don't think of this as our proposal, but yours. We need your ideas.

Topics Covered

- Regulations affected
- Terms used for this presentation
- Purpose of proposal
- How the items fit together, Phase 1+2
- Limitation of proposal
- Proposed timeline
- Details on New Items 5, 15 +6
- Column comparison
- Affect on States

Regulations affected by proposal

HB 130 – IV. Uniform Regulations

A. Uniform Packaging and Labeling Regulation

B. Uniform Regulation for the Method of Sale of Commodities

C. Uniform Unit Pricing Regulation

D. Uniform Regulation for the Voluntary Registration of Servicepersons and Service Agencies for Commercial Weighing and Measuring Devices

E. Uniform Open Dating Regulation

F. Uniform Regulation for National Type Evaluation

G. Uniform Engine Fuels and Automotive Lubricants Regulation

Regulations affected by proposal more detailed

HB 130 – IV. Uniform Regulations

B. Uniform Regulations for Method of sale of Commodities

B.2. Non-Food Products

B.3. Classification and Method of Sale of Fuels, Lubricants and Automotive Products

(purposed new section)

G. Uniform Engine Fuels and Automotive Lubricants Regulation

G.1. Definitions

G.3. Classification and Method of Petroleum
Products

Terms used for this presentation

- **B. MOS** *or* **B.** = Uniform Regulations for Method of sale of Commodities
- **G. FAL** *or* **G.** = Uniform Engine Fuels and Automotive Lubricants Regulations
- **MOS** = method of sale of commodities
- **FALmos** = mos for commodities that are related to fuels and automotive lubricants
- **B.2.** / **B.3.** / **G.1** / **G.3.** = corresponding regulation and section.

(example B.2. is B. MOS non-food Products)

Purpose of Proposal

Phase 1, Harmonize –

B. MOS, add **Sections 3. Classification and Method of Sale of Fuels, Lubricants, and Automotive Products**

- All FALmos related items, move from B.2. to B.3.
- Ensure products from G.3. are covered in section B.3.
- Current sections 3, 4, and 5 in B. MOS will be renumbered to 4,5, and 6.

Harmonize text for the same products but different language that are in B.2. and G.3.

- Copy/Harmonize definitions from B.2. to G.1.
- Kerosene
- LPG
- Natural Gas

Definitions, B.3.1.1. Will incorporate definitions by reference from G.1.

Specifications, B.3.1.2 Will incorporate specifications by reference from G.2.

Phase 2, Simplify -

G.3. FAL will remove current product MOS and incorporate Method of Sale from B.3 by reference.

How each Item fits in

Phase 1

- New item **15** – Definitions move/harmonize to G.1. from B.2.
 - CNG, GGE, DGE, and LNG (amended 2016)
 - Correction to DEF reference (may be considered editorial)
- New Item **5** – Add new Section B.3. and move/copy items into it.
 - Incorporates by reference Definitions and specifications from G.1. and G.2.
 - Moves FALmos items from B.2. to B.3.
 - Ensure products from G.3. are covered in section B.3.

Next page has Items 1,2,3,4,6

How each Item fits in – cont.

Phase 1 – cont.

- New Items **1 + 2** – Kerosene
 - Harmonize the different wording for Kerosene
- New Items **3 + 4** – LPG
 - Harmonize the different wording for LPG

Phase 2

- New Item **6** – G.3. Classification and Method of Petroleum Products

Limitation of proposal

Proposal is to only to move, consolidate, and harmonize, and simplify

Except DEF (might be considered editorial changes)

Item 15- corrects AUS 4232

Item 5- removes ~~effective date Jan 1, 2016~~

Item 1+2 and 3+4 may result in some minor changes as part of being combined, that is why they are separate items. If not passed only B.2. content will be moved to B.3.

Items **not** covered in this proposal as they make changes.

- 2032-7, 2307-2,
- New Items 16 and 17

Renumbering by editors

Proposed Timeline

(one can be hopeful)

- **Phase 1 Harmonize**— (2018 Annual meeting)
Consolidate MOSs into Section B., definitions into Section G.
 - (L&R New Item 5 & 15)
 - (L&R New Items 1+2, 3+4)
- **Phase 2 Simplify**— (2018 or 2019?)
Incorporate by reference from B.
Remove MOS from Section G.
 - (L&R New Item 6)

Polished version done by Interim 2018

New Item 5

Add new Section to B.

Section 3. Classification and Method of Sale of Fuels, Lubricants and Automotive Products

- **3.1. General**
 - **3.1.1. Definitions** – *(new - reference section G.)*
 - **3.1.2. Specifications** – *(new - reference section G.)*
 - **3.1.3. Documentation** – *(from G.3.1.1.)*
 - **3.1.4. Retail Dispenser Labeling** – *(from G.3.1.2.)*
 - **3.1.5. Grade Name** – *(from G.3.1.3.)*
- **3.XX. Fuels, Lubricants and Automotive Products** – *(From B.2. and G.3.)* Consolidate MOS for all related products

Editorial renumbering!!!

New Item 6

Section G.3.1.

G. Uniform Engine Fuels and Automotive Lubricants Regulation

Section 3. Classification and Method of Sale of Petroleum Products

3.1. General Considerations.

3.1.1 Classification and Method of Sale of Fuels of Petroleum Products – The classification and method of sale requirements set forth in the current edition of NIST Handbook 130, Uniform Regulation for the Method of Sale of Commodities Section 3. Classification and Method of Sale of Fuels, Lubricants and Automotive Products is incorporated into this section by reference.

How to use New Item 15 and 5 three column comparison chart

Test from:

B.2. MOS

G.FALS

Moved B./G.

Current Section B Uniform Regulation for the Method of Sale of Commodities	Current Section G Uniform Engine Fuels and Automotive Lubricants Regulation	<u>Proposed for Section G FAL</u>
<p>2.27.1.1. Compressed Natural Gas (CNG). – A gaseous fuel composed primarily of methane that is suitable for compression and dispensing into a fuel storage container(s) for use as an engine fuel. (Amended 2016)</p>	<p>1.12. Compressed Natural Gas (CNG). – Natural gas which has been compressed and dispensed into fuel storage containers and is suitable for use as an engine fuel.</p>	<p>1.12. <u>Compressed Natural Gas (CNG).</u> – <u>Natural gas which has been compressed and dispensed into fuel storage containers and is suitable for use as an engine fuel. A gaseous fuel composed primarily of methane that is suitable for compression and dispensing into a fuel storage container(s) for use as an engine fuel.</u> <u>(Amended 20XX)</u></p>
<p>2.35.1. Definition. 2.35.1.1. Diesel Exhaust Fluid (DEF). – A preparation of aqueous urea [(NH₂)₂CO], containing 32.5 % by mass of technically-pure urea in high-purity water with quality characteristics defined by the latest version of ISO 22241, "Diesel engines - NOx reduction agent AUS 32."</p>	<p>1.14. Diesel Exhaust Fluid (DEF). – A preparation of aqueous urea (NH₂)₂CO], containing 32.5 % by mass of technically-pure urea in high-purity water with quality characteristics defined by the latest version of ISO 22241, "Diesel engines – NOx reduction agent AUS 21." (Added 2014)</p>	<p>1.14. <u>Diesel Exhaust Fluid (DEF).</u> – A preparation of aqueous urea [(NH₂)₂CO], containing 32.5 % by mass of technically-pure urea in high-purity water with quality characteristics defined by the latest version of ISO 22241, "Diesel engines - NOx reduction agent AUS <u>2432</u>."</p>
<p>2.27.1.2. Gasoline Gallon Equivalent (GGE). – Gasoline gallon equivalent (GGE) means 2.567 kg (5.660 lb) of compressed natural gas. (Amended 2016)</p>	<p>1.26. Gasoline Gallon Equivalent (GGE). – Equivalent to 2.567 kg (5.660 lb) of natural gas.</p>	<p>1.26. <u>Gasoline Gallon Equivalent (GGE).</u> – <u>Equivalent to 2.567 kg (5.660 lb) of natural gas. Gasoline gallon equivalent (GGE) means 2.567 kg (5.660 lb) of compressed natural gas.</u> <u>(Amended 20XX)</u></p>

[Embedded file of Chart](#)



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Editorial Numbering Will be done

How to use New Item 1+2 and 3+4, four column comparison chart

Current Section B Uniform Regulation for the Method of Sale of Commodities	Current Section G Uniform Engine Fuels and Automotive Lubricants Regulation	Proposed Section B MOS	Proposed for Section G FAL
2.19. Kerosene (Kerosine). – All kerosene kept, offered, exposed for sale, or sold shall be identified as such and will include, with the word kerosene, an indication of its compliance with the latest version of the standard specification ASTM Standard D3699, "Standard Specification for Kerosine."	3.7. Kerosene (Kerosine).	3.XX Kerosene (Kerosine). 3.XX.1 Standard Specification - All kerosene kept, offered, exposed for sale, or sold shall be identified as such and will include, with the word kerosene, an indication of its compliance with the latest version of the standard specification ASTM Standard D3699, "Standard Specification for Kerosine."	3.7. Kerosene (Kerosine). 3.7.1 Standard Specification - All kerosene kept, offered, exposed for sale, or sold shall be identified as such and will include, with the word kerosene, an indication of its compliance with the latest version of the standard specification ASTM Standard D3699, "Standard Specification for Kerosine."
	3.7.1. Labeling of Grade Required. – Kerosene shall be identified by the grades No. 1-K or No. 2-K.	3.XX.2 Labeling of Grade Required. – Kerosene shall be identified by the grades No. 1-K or No. 2-K.	3.7.2.1. Labeling of Grade Required. – Kerosene shall be identified by the grades No. 1-K or No. 2-K.
Example: 1K Kerosene; Kerosene - 2K. (Added 1983)		Example: <u>1K Kerosene; Kerosene - 2K.</u> (Added 1983)	Example: <u>1K Kerosene; Kerosene - 2K.</u> (Added 1983)
	3.7.2. Additional Labeling Requirements. – Each retail dispenser of kerosene shall be labeled as 1-K Kerosene or	3.XX.3 Additional Labeling Requirements. – Each retail dispenser of kerosene shall be labeled as 1-K Kerosene or 2-K	3.7.2.3. Additional Labeling Requirements. – Each retail dispenser of kerosene shall be labeled as 1-K Kerosene or 2-K

[Kerosene Chart – hyperlink to NCWM](#)

[LPG chart – Hyperlink to NCWM](#)



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States that adopt MOS and Fuel

From 2017 HB 130		
State	Method of Sale	Uniform Engine Fuel Regulation
Alabama	yes	yes*
Alaska	yes	NO
Arizona	yes	yes*
Arkansas	YES	YES
California	yes*	yes*
Colorado	yes	yes*
Connecticut	YES	yes
Delaware	yes	yes*
District of Columbia	yes	yes
Florida	yes	yes*
Georgia	yes	yes*
Hawaii	yes	yes*
Idaho	yes	yes*
Illinois	YES	yes
Indiana	yes	yes*
Iowa	yes	yes*
Kansas	yes	yes
Kentucky	yes	yes*
Louisiana	NO	yes*
Maine	YES	YES
Maryland	yes	yes*
Massachusetts	yes*	yes*
Michigan	yes	yes*
Minnesota	yes*	yes*

Mississippi	yes	yes*
Missouri	YES	yes
Montana	yes	yes
Nebraska	yes	NO
Nevada	YES	yes*
New Hampshire	YES	no
New Jersey	yes	YES
New Mexico	yes	yes*
New York	yes	yes*
North Carolina	YES	yes*
North Dakota	yes*	yes*
Ohio	yes	NO
Oklahoma	YES	yes*
Oregon	yes	yes*
Pennsylvania	yes	NO
Puerto Rico	yes*	yes*
Rhode Island	YES	no
South Carolina	YES	yes*
South Dakota	yes	yes
Tennessee	YES	yes
Texas	YES	yes*
Utah	YES	yes
Vermont	YES	NO
Virginia	YES	YES
Virgin Islands	NO	yes
Washington	YES	yes
West Virginia	YES	YES
Wisconsin	YES	yes*
Wyoming	yes*	yes*

Adopts:	If regulations for method of sale is moved to Method of Sales, and only referenced in FALS
YES or yes	Unlikely to be affected
Yes/yes*	Unlikely to be affected (unless if placed in FALS
yes*/Yes	Chance to be affected (None in this category)
Yes/No	Does not affect (unless if placed in FALS)
No/Yes	Directly Affected
yes*/yes*	Does not use, not directly affected.
No/No	Does not use (none in category)

Based on the chart in the front of HB130 it appears that if method of sale is consolidated into MOS it will likely only possible affect Virgin Islands. **But this needs to be verified by the state directors.**

- YES Adopted and updated on an annual basis.
- yes Law or regulation in force, NCWM standard used as basis of adoption, but from an earlier year.
- yes* Law or regulations in force, but not based on NCWM standard.
- NO No law or regulation.
- no No law or regulation, but NCWM standard is used as a guideline.

Questions

Questions we can think of

- Would consolidating all MOS into B. MOS be an issue?
- Is referencing sections going to a problem for your state?
- Placement in MOS, Section 3., 6., or sub part of 2.
- Order of Item? Alphabetical, grouped by type. . .?
- Note at bottom where (added 20XX, amended 20XX) goes. What should be used?

What are your Questions and feedback?

What is on you mind now?

If you think of something latter still email or call us so we can address/incorporate it before the interim meeting.

Request to L&R

- **The Informal FG request that the WWMA recommend the following items be given a "Voting" status.**
- Reorganization - items 5, 6 & 15
- Kerosene - items 1 & 2
- LPG - items 3 & 4

Proposal to for MOS in HB 130

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QUESTIONS?