

Statutory Authority – NRS 590

Regulatory Authority – Board of Agriculture

EXPLANATION – Matter in *italics* is new; matter in brackets ~~omitted material~~ is material to be omitted.

Section 1. NAC 590.050 is hereby amended to read as follows:

1. Except as otherwise provided in subsection 2, the State Board of Agriculture hereby adopts by reference ASTM D975, “Standard Specification for Diesel Fuel Oils,” contained in Volume 05.01, “Petroleum Products and Lubricants,” of the 2010 Annual Book of ASTM Standards published by ASTM International. Each new revision of that standard shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International. A copy of the standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$~~59~~62.

2. (a) The flash point for No. 2 diesel fuel oil must not be lower than 37.8 degrees Celsius (100 degrees Fahrenheit) when the No. 2 diesel fuel oil has been treated to prevent gelling and the No. 2 diesel fuel oil has been labeled “winterized.”

(b) *It is not necessary for labeling on diesel dispensers to use the terms “ULSD” or “Ultra Low Level Sulfur Diesel.”*

Section 2. NAC 590.051 is hereby amended to read as follows:

1. (c) ASTM D975, “Standard Specification for Diesel Fuel Oils.” Each new revision of those standards shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International. Each standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428, or at the Internet address <http://www.astm.org>. The price of ASTM D6751 is \$~~[41]~~43, the price of ASTM D7467 is \$~~[47]~~62 and the price of ASTM D975 is \$~~[59]~~62.

Section 3. NAC 590.052 is hereby amended to read as follows:

2. The standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$~~[47]~~49.

Section 4. NAC 590.053 is hereby amended to read as follows:

2. The standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$~~[41]~~43.

Section 5. NAC 590.054 is hereby amended to read as follows:

1. The State Board of Agriculture hereby adopts by reference ASTM D2650, “Standard Test Method for Chemical Composition of Gases By Mass Spectrometry,” set forth in Volume 05.01, “Petroleum Products and Lubricants,” of the 2010 Annual Book of ASTM Standards published by ASTM International. Each new revision of that standard shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International. The standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr

Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$~~[41]~~43.

Section 6. NAC 590.055 is hereby amended to read as follows:

1. The State Sealer of Consumer Equitability hereby adopts by reference the specifications for aviation fuel contained in Volume 05.01, “Petroleum Products and Lubricants (I),” of the ~~[2002]~~ 2014 Annual Book of ASTM Standards, ASTM designations D910 “*Standard Specification for Leaded Aviation Gasolines*” and D1655 “*Standard Specification for Aviation Turbine Fuels*”. *Each new revision of these standards shall be deemed approved by the State Sealer unless the revision is disapproved by the State Sealer or his designee within 120 days after the date of publication of the revision by ASTM International. A copy of the standard is available for inspection pursuant to NAC 590.045 and may be purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>. The price of ASTM D910 is \$43 and the price of ASTM D1655 is \$49.*

Section 7. NAC 590.065 is hereby amended to read as follows:

1. Except as otherwise provided in this section, the State Board of Agriculture hereby adopts by reference ASTM D4814, “Standard Specification for Automotive Spark-Ignition Engine Fuel,” contained in Volume 05.02, “Petroleum Products and Lubricants,” of the 2010 Annual Book of ASTM Standards published by ASTM International. Each new revision of that standard shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International. The standard is available for inspection pursuant to NAC 590.045 and may be

purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$~~59~~62.

Section 8. NAC 590.065 is hereby amended to read as follows:

~~{4.— Until May 1, 2012, or until ASTM D4814 is amended to incorporate changes to the minimum temperature for vapor lock for the following classes to include the effects of volatility of not more than 10 percent of ethanol by volume, whichever occurs first, the minimum temperature for a vapor liquid ratio of 20 for the applicable class of vapor lock protection for a blend of gasoline and ethanol is:~~

- ~~—(a) For class 1, 54 degrees Centigrade (129 degrees Fahrenheit).~~
- ~~—(b) For class 2, 50 degrees Centigrade (122 degrees Fahrenheit).~~
- ~~—(c) For class 3, 47 degrees Centigrade (116 degrees Fahrenheit).~~
- ~~—(d) For class 4, 41.5 degrees Centigrade (107 degrees Fahrenheit).~~
- ~~—(e) For class 5, 39 degrees Centigrade (102 degrees Fahrenheit).~~
- ~~—(f) For class 6, 35 degrees Centigrade (95 degrees Fahrenheit).~~

~~Gasoline and any blend of gasoline and ethanol that is sold in the area of this State which is east of the 117th degree of west longitude and north of the 38th degree of north latitude must meet the minimum temperatures for vapor lock protection set forth in ASTM D4814.]~~

~~{5.}~~4. Gasoline and any blend of gasoline and ethanol sold in Clark County between October 1 and the following March 31 must not exceed a vapor pressure of 13.5 pounds per square inch.

~~{6.}~~5. A person shall not sell, offer for sale, supply or offer to supply in this State any gasoline intended for use in a vehicle which is primarily driven on a highway if:

- (a) It contains more than 0.05 gram of lead per gallon;

- (b) It contains more than 0.005 gram of phosphorus per gallon;
- (c) It contains more than 10 percent ethanol by volume; or
- (d) It contains more than 95 parts per million of sulfur.

~~7.1~~6. Any other test method may be used if the State Sealer of Consumer Equitability determines that another method produces results equivalent to the results of the specified method. A method approved by ASTM International that has not yet been published shall be deemed to meet the appropriate criteria.

Section 1. NAC 590.059 is hereby amended to read as follows:

3. Based on the requirements set forth in subsections 1 and 2, the grade of any gasoline or blend of gasoline and ethanol that is sold outside of the area of this State which is east of the 117th degree of west longitude and north of the 38th degree of north latitude must be expressed as follows:

<i>Term</i>	<i>Minimum Antiknock Index</i>
<i>Premium, Super, Supreme, High Test</i>	<i>91</i>
<i>Midgrade, Plus</i>	<i>89</i>
<i>Regular, Unleaded</i>	<i>87</i>
<i>Economy</i>	<i>85</i>

~~3.1~~4. In addition to the requirements set forth in subsections 1 ~~and 2~~ *through 3, inclusive*, any person who sells motor vehicle fuel at retail shall, if the motor vehicle fuel contains manganese or any compound containing manganese, including, without limitation, MMT, post on the pump or other device for dispensing the motor vehicle fuel a label which:

- (a) Meets the requirements of subsections 4 and 6;
- (b) Is affixed during any period required by subsection 5; and
- (c) Includes the following language:

WARNING: Read label before dispensing fuel.

Motor vehicle fuel contains manganese, manganese compound or MMT.

Recommend vehicle operator consult owner's manual before using this motor fuel.

~~4~~5. The label required pursuant to subsection 3 must:

- (a) Be legible and conspicuous;
- (b) Be at least as large as 4 inches wide by 4 inches long;
- (c) Consist of black ink on a background that is white; and
- (d) Be written in at least 12-point font.

~~5~~6. The label required pursuant to subsection 3 must be affixed to the applicable pump or other device for dispensing motor vehicle fuel in the manner described in subsection 6:

(a) At the time motor vehicle fuel containing manganese or any compound containing manganese, including, without limitation, MMT, is loaded into or otherwise placed in a storage tank from which the pump or other device for dispensing motor vehicle fuel draws its supply of fuel, and before the pump or other device for dispensing motor vehicle fuel may be used to dispense such fuel;

(b) For 6 months immediately after the time specified in paragraph (a); and

(c) For an additional 6 months immediately after any subsequent instance in which motor vehicle fuel containing manganese or any compound containing manganese, including, without limitation, MMT, is loaded into or otherwise placed in a storage tank from which the pump or other device for dispensing motor vehicle fuel draws its supply of fuel.

~~[6]~~7. The label required pursuant to subsection 3 must, during any period specified in subsection 5, be affixed:

(a) To the exterior of each side of the pump or other device for dispensing motor vehicle fuel from which a consumer may dispense the fuel; and

(b) In a manner that is conspicuous and readily observable by the consumer.

~~[7]~~8. The labels described in subsections 3 to 6, inclusive, may be obtained free of charge from the Division of Consumer Equitability of the State Department of Agriculture, 2150 Frazer Avenue, Sparks, Nevada 89431.

~~[8]~~9. As used in this section, “MMT” means methylcyclopentadienyl manganese tricarbonyl.

Section 1. NAC 590.010 is hereby amended to read as follows:

[Except as otherwise provided in NAC 590.030:

~~[1. The specifications for antifreeze based on ethylene glycol and the specifications for antifreeze based on propylene glycol contained in Volume 15.05, “Engine Coolants,” of the 2001 Annual Book of ASTM Standards, ASTM designation D3306-00a, are hereby adopted by reference.]~~*The State Board of Agriculture hereby adopts by reference ASTM D3306, “Standard Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service,” contained in Volume 15.05, “Engine Coolants; Halogenated Organic Solvents and Fire Extinguishing Agents; Industrial and Specialty Chemicals,” of the 2015 Annual Book of ASTM Standards published by ASTM International. Each new revision of that standard shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International. A copy of the standard is available for inspection pursuant to NAC 590.045 and may be*

purchased from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, or at the Internet address <http://www.astm.org>, for the price of \$43.

~~{2. The chemical and physical properties of any antifreeze other than those classified in subsection 1 must be:~~

Water, mass %.....	5 max
Specific gravity 60°F/60°F.....	1.11 to 1.15
pH (33% by volume) 7.5 to 11.....	7.5 to 11
Equilibrium boiling point.....	300°F min
Freezing point, 50% by volume.....	34°F max
Foaming test	-
Increase in volume at 5 minutes.....	150 ml max
Break time.....	5 sec max

~~3. In addition to the properties listed in subsection 2, any antifreeze other than those classified in subsection 1 must meet the following specifications for corrosion (loss of weight per specimen):~~

Copper.....	10 mg max
Solder.....	20 mg max
Brass.....	10 mg max
Steel.....	10 mg max
Cast iron.....	10 mg max
Aluminum.....	30 mg max]

Section 2. NAC 590.015 is hereby amended to read as follows:

A manufacturer, packer, seller or distributor of antifreeze shall pay an inspection fee of ~~50~~100 for each brand of antifreeze submitted to the State Sealer of Consumer Equitability for inspection pursuant to NRS 590.380.

Section 3. NAC 590.030 is hereby amended to read as follows:

1. The minimum standards of chemical and physical properties for an antifreeze which:

- (a) Is labeled as prediluted antifreeze; and
- (b) Displays prominently on the front label the words “DO NOT ADD WATER,”

contained in Volume 15.05, “Engine Coolants; *Halogenated Organic Solvents and Fire Extinguishing Agents; Industrial and Specialty Chemicals*,” of the ~~2001~~2015 Annual Book of ASTM Standards, ASTM designation D3306~~-00a~~, are hereby adopted by reference. *Each new revision of that standard shall be deemed approved by the Board unless the revision is disapproved by the Board or its designee within 120 days after the date of publication of the revision by ASTM International.*

Section 4. NAC 590.035 is hereby amended to read as follows:

Volume 15.05, “Engine Coolants; *Halogenated Organic Solvents and Fire Extinguishing Agents; Industrial and Specialty Chemicals*,” of the ~~2001~~2015 Annual Book of ASTM Standards, is available for inspection at the office of the State Department of Agriculture *Division of Consumer Equitability*, ~~350 Capitol Hill Avenue, Reno, Nevada 89502~~2150 *Frazer Avenue, Sparks, NV 89431, and 2300 McLeod Street, Las Vegas, Nevada 89104*. The volume may be purchased at a cost of ~~140~~226 from ASTM International, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959, *or at the Internet address <http://www.astm.org>, for the price of \$263.*