

**PROPOSED REGULATION OF THE  
STATE SEALER OF CONSUMER EQUITABILITY**

**LCB File No. R107-15**

October 19, 2015

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

AUTHORITY: §§1, 2 and 4, NRS 590.400; §3, NRS 590.073 and 590.100.

A REGULATION relating to fluids; revising standards for antifreeze and aviation fuel; and providing other matters properly relating thereto.

**Legislative Counsel's Digest:**

Existing law requires antifreeze sold in this State to be licensed by of the State Sealer of Consumer Equitability. (NRS 590.380, as amended by section 204 of Assembly Bill No. 77, chapter 526, Statutes of Nevada 2015, at page 3640) Existing regulations provide standards for antifreeze adopted by the State Sealer of Consumer Equitability. (NAC 590.010, 590.030)

**Section 1** of this regulation revises the standards adopted for antifreeze. **Section 2** of this regulation updates information regarding the cost of acquiring and availability of the adopted standards. **Section 4** of this regulation repeals standards adopted for prediluted antifreeze made redundant by changes made in **section 1**.

Existing law authorizes the State Sealer of Consumer Equitability to adopt specification standards for aviation fuel sold or offered for sale in this State. (NRS 590.073) Existing regulations adopt by reference certain published standards for aviation fuel. (NAC 590.055) **Section 3** of this regulation revises the adopted standards to include separate standards for leaded aviation gasoline and turbine fuel, and updates information regarding the cost and availability of the adopted standards.

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

590.010 ~~[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, *including, without limitation, prediluted and concentrated antifreeze*, contained in ~~[Volume 15.05, "Engine Coolants," of the 2001 Annual Book of ASTM Standards, ASTM designation D3306-00a,]~~ *the most recent version of ASTM*

*D3306, “Standard Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service,” set forth in Volume 15.05, “Engine Coolants and Related Fluids; Halogenated Organic Solvents and Fire Extinguishing Agents; Industrial and Specialty Chemicals,” of the Annual Book of ASTM Standards published by ASTM International* are hereby adopted by reference.

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

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

~~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):~~

<del>Copper</del>	<del>10 mg max</del>
<del>Solder</del>	<del>20 mg max</del>

<del>—Brass—</del>	<del>—10 mg max</del>
<del>—Steel—</del>	<del>—10 mg max</del>
<del>—Cast iron—</del>	<del>—10 mg max</del>
<del>—Aluminum—</del>	<del>—30 mg max</del>

~~4.]~~ *Each new revision of that standard shall be deemed approved by the State Sealer of Consumer Equitability unless the revision is disapproved by the State Sealer of Consumer Equitability or his or her 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 \$44.*

2. 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.

**Sec. 2.** NAC 590.035 is hereby amended to read as follows:

590.035 Volume 15.05, “Engine Coolants ~~[.]~~ *and Related Fluids; Halogenated Organic Solvents and Fire Extinguishing Agents; Industrial and Specialty Chemicals,*” of the ~~[2001]~~ *Annual Book of ASTM Standards*, is available for inspection at the office of the State Department of Agriculture, ~~[350 Capitol Hill Avenue, Reno, Nevada 89502.]~~ *Division of Consumer Equitability, 2150 Frazer Avenue, Sparks, Nevada 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 ~~19428-1~~ 19428-2959, or at the Internet address <http://www.astm.org>.

**Sec. 3.** NAC 590.055 is hereby amended to read as follows:

590.055 1. The State Sealer of Consumer Equitability hereby adopts by reference the *most recent* specifications for aviation fuel contained in Volume 05.01, “Petroleum Products and Lubricants (I),” of the ~~120021~~ *Annual Book of ASTM Standards*, ASTM designations D910 ~~1-001~~, *“Standard Specification for Leaded Aviation Gasolines,”* and D1655 ~~1-01-1~~, *“Standard Specification for Aviation Turbine Fuels.” Each new revision of these standards shall be deemed approved by the State Sealer of Consumer Equitability unless the revision is disapproved by the State Sealer of Consumer Equitability or his or her designee within 120 days after the date of publication of the revision by ASTM International. A copy of the standards are 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 \$52.80 for ASTM D910 and \$60 for ASTM D1655.*

2. 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.

**Sec. 4.** NAC 590.030 is hereby repealed.

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## TEXT OF REPEALED SECTION

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### **590.030 Adoption by reference of standards for prediluted antifreeze. (NRS 590.400)**

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,” of the 2001 Annual Book of ASTM Standards, ASTM designation D3306-00a, are hereby adopted by reference.

2. 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.