



**REVISED PROPOSED REGULATION OF THE
STATE BOARD OF AGRICULTURE**

August 11, 2015

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

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.