

PROPOSED REGULATION OF THE STATE
SEALER OF WEIGHTS AND MEASURES

LCB File No. R200-01

January 9, 2002

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

AUTHORITY: §§1-3, NRS 590.400; §4, NRS 590.073.

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* contained in volume 15.05, “ Engine Coolants, ” of the ~~[1997 Annual Book of American Society for Testing and Materials (ASTM) Standards,] 2001 Annual Book of ASTM Standards,~~ ASTM designation ~~[D 3306-94,] D 3306-00a,~~ are hereby adopted by reference.

2. ~~[The specifications for antifreeze based on propylene glycol contained in volume 15.05, Engine Coolants, of the 1997 Annual Book of American Society for Testing and Materials (ASTM) Standards, ASTM designation D 5216-95, are hereby adopted by reference.~~

~~—3.]~~ The chemical and physical properties of any antifreeze other than those classified in subsection 1 ~~[or 2]~~ 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

~~[4.]~~ **3.** In addition to the properties listed in subsection ~~[3.]~~ **2**, any antifreeze other than those classified in subsection 1 ~~[or 2]~~ 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

4. Any other test method may be used if the state sealer of weights and measures 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 590.030 is hereby amended to read as follows:

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

~~[(1)]~~ (a) Is labeled as prediluted antifreeze; and

~~[(2)]~~ (b) Displays prominently on the front label the words “DO NOT ADD WATER,”

FLUSH contained in volume 15.05, “ Engine Coolants, ” of the ~~[1998 Annual Book of American Society for Testing and Materials (ASTM) Standards,]~~ *2001 Annual Book of ASTM Standards*, ASTM designation ~~[D 4656-95,]~~ *D 3306-00a*, are hereby adopted by reference.

2. Any other test method may be used if the state sealer of weights and measures 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. 3. NAC 590.035 is hereby amended to read as follows:

590.035 Volume 15.05, “ Engine Coolants, ” of the ~~[1998 Annual Book of American Society for Testing and Materials (ASTM) Standards,]~~ *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. The volume may be purchased at a cost of ~~[\$89 from the American Society for Testing and Materials,]~~ *\$140 from ASTM International*, 100 Barr ~~[Harber]~~ *Harbor* Drive, West Conshohocken, Pennsylvania 19428.

Sec. 4. NAC 590.055 is hereby amended to read as follows:

590.055 *1.* The state sealer of weights and measures hereby adopts by reference the specifications for aviation fuel contained in volume 05.01, “ Petroleum Products and Lubricants ~~[(1)]~~ (I), ” of the ~~[1998 Annual Book of American Society for Testing and Materials (ASTM)]~~

~~Standards,] 2001 Annual Book of ASTM Standards, ASTM designations [D 910-97 and D 1655-97.] D 910-99 and D 1655-00a.~~

2. Any other test method may be used if the state sealer of weights and measures 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.