

The only agenda item is the following proposed amendments for which public comment will be received at the meeting:

**DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES**  
**REGULATIONS FOR THE ENFORCEMENT OF THE VIRGINIA GASOLINE AND**  
**MOTOR FUEL LAW**

**2VAC5-420-30. Specifications for gasoline and diesel fuel.**

A. Gasoline. Gasoline shall meet the requirements of the following specifications when tested in compliance with the latest version of the ~~American Society for Testing and Materials (ASTM)~~ ASTM International (formerly the American Society for Testing and Materials) Test Methods or other test methods specified below:

- Specification	Test Method ASTM
- <del>1. Distillation.</del>	D86
- <del>a. Percent evaporated during months of: January, February, November, and December at 50°C (122°F)– Minimum</del>	40%
- <del>March, April, May, September, and October at 55°C (131°F)– Minimum</del>	40%
- <del>June, July, and August at 70°C (158°F)– Minimum</del>	40%
- <del>b. Percent evaporated during months of: January, February, November, and December at 110°C (230°F)– Minimum</del>	50%
- <del>March, April, May, September, and October at 113°C (235°F)– Minimum</del>	50%
- <del>June, July, and August at 121°C (250°F)– Minimum</del>	50%
- <del>c. Percent evaporated during the months of: January, February, March, April, May,</del>	90%

~~September, October, November, and December at 185°C (365°F) Minimum~~

- ~~June, July, and August at 190°C (374°F) Minimum~~ 90%
- ~~End point, maximum 225°C (437°F)~~ -
- ~~Residue, percent maximum~~ 2%

~~2. a. Reid vapor pressure at 100°F, pounds per square inch (psi)~~

~~Test Method ASTM D4953 or D5191 for both oxygenated or nonoxygenated fuels.~~

~~Throughout the Commonwealth of Virginia, except for the nonattainment areas specified below during the period specified below, the Reid vapor pressure standard shall be:~~

<del>June 1 to September 15</del>	<del>9.0 psi.</del>
<del>September 16 to 30</del>	<del>13.5 psi.</del>
<del>Maximum during months of March, April, May and October</del>	<del>13.5 psi.</del>
<del>Maximum during months of November, December, January, and February</del>	<del>15.0 psi.</del>

~~For the nonattainment areas specified in Section 3 A 2 (ii) below, the Reid vapor pressure standard shall be:~~

<del>Maximum during period:</del>	<del>-</del>
<del>June 1 to September 15</del>	<del>7.8psi.</del>

~~b. The nonattainment areas referred to in subsection A 2 a of this section are:~~

~~(1) The Northern Virginia nonattainment area which includes the counties of Arlington, Fairfax, Loudoun, Prince William, Stafford, and includes the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park.~~



~~B. Diesel fuel. Diesel fuel shall meet the requirements of the following specifications when tested in compliance with the latest version of the American Society for Testing and Materials Test Methods specified below:~~

<del>- Specification</del>	<del>-</del>	<del>ASTM Method</del>
<del>1. Flash point, degrees F minimum</del>	<del>-</del>	<del>D93</del>
<del>(If registered and labeled as #1 Diesel)</del>	<del>100F</del>	<del>-</del>
<del>(If registered and labeled as #2 Diesel)</del>	<del>125F</del>	<del>-</del>
<del>2. Water and sediment, percent by volume, maximum</del>	<del>0.05%</del>	<del>D1796</del>
<del>3. Sulfur, percent by weight maximum</del>	<del>0.5%</del>	<del>D2622 (D129 shall be the referee method)</del>
<del>4. Cetane number, minimum</del>	<del>40</del>	<del>D613</del>
<del>5. 90 percent distillation point, degrees, F maximum</del>	<del>640F</del>	<del>D86</del>
<del>6. Corrosion – ASTM copper strip scale maximum</del>	<del>No. 3</del>	<del>D130</del>
<del>-</del>	<del>-</del>	<del>3 hours at 50°C</del>

ASTM D 4814, "Standard Specification for Automotive Spark Ignition Engine Fuel," except that volatility standards for unleaded gasoline blended with ethanol shall not be more restrictive than those adopted under the rules, regulations, and Clean Air Act waivers of the U.S. Environmental Protection Agency. Gasoline blended with ethanol at concentrations up to 10 percent by volume shall be blended under any of the following three options:

1. The base gasoline used in such blends shall meet the requirements of ASTM D 4814 and the ethanol shall meet the requirements of ASTM D 4806, " Standard Specification for Denatured Fuel Ethanol for Blending with Gasolines for Use as Automotive Spark-Ignition Engine Fuel," with the following exceptions:

(i) The distillation minimum temperature at the 50 volume percent evaporated point shall not be less than 66°C (150 °F).

(ii) The minimum Test Temperature at which the Vapor/Liquid Ratio is equal to 20 shall be as follows for the applicable vapor lock protection class:

Class 1 shall be 51.5 °C (125 °F)

Class 2 shall be 59.0 °C (120 °F)

Class 3 shall be 45.0 °C (113 °F)

Class 4 shall be 41.5 °C (107 °F)

Class 5 shall be 37.0 °C (99 °F)

Class 6 shall be 35.0 °C (95 °F)

or

2. The blend shall meet the requirements of ASTM D 4814,

or

3. The base gasoline used in such blends shall meet all the requirements of ASTM D 4814 except distillation, and the blend shall meet the distillation requirements of ASTM D 4814.

4. Undissolved water and sediment, percent by volume, maximum 0.01% as determined by Virginia Department of Agriculture and Consumer Services (VDACS) Method of Test. The calculation for the VDACS Method of Test is as follows:

Volume of water and/or sediment ÷ total volume of sample x 100 = Percent Water and/or Sediment

B. Blends of gasoline and ethanol shall meet the following vapor pressure requirements:

1. During the period between June 1 and September 15 of each calendar year, blends containing 9 percent ethanol by volume and a maximum of 10 percent ethanol by volume shall not exceed the ASTM D 4814 vapor pressure limits by more than 1.0 psi. All other blend concentrations shall meet the ASTM D 4814 vapor pressure limits.

2. During the period between September 16 and May 31 of each calendar year, all blends of gasoline and ethanol shall not exceed the ASTM D 4814 vapor pressure standard by more than 1.0 psi.

C. Diesel fuel. Diesel fuel shall meet the requirements of ASTM D 975, "Standard Specification for Diesel Fuel Oils."