

2.1.2. Gasoline-Ethanol Blends. When gasoline is blended with ethanol, the ethanol shall meet the latest version of ASTM D4806, “Standard Specification for Denatured Fuel Ethanol for Blending with Gasolines for Use as Automotive Spark-Ignition Engine Fuel,” and the blend shall meet the latest version of ASTM D4814, “Standard Specification for Automotive Spark-Ignition Engine Fuel,” with the following permissible exceptions:

- (a) The maximum vapor pressure shall not exceed the ASTM D4814 limits by more than:
 - (1) 1.0 psi for blends containing 9 to 10 volume percent ethanol from June 1 through September 15.
 - (2) 1.0 psi for blends containing one or more volume percent ethanol for volatility classes A, B, C, D from September 16 through May 31.
 - (3) 0.5 psi for blends containing one or more volume percent ethanol for volatility Class E from September 16 through May 31.

The vapor pressure exceptions in subsections 2.1.2. Gasoline-Ethanol Blends will remain in effect until May 1, 2017, or until ASTM incorporates changes to the vapor pressure maximums for ethanol blends, whichever occurs earlier. (Effective July 28, 2016)

NOTE 1: *The temperature values (e.g., 54 °C, 50. °C, 41.5 °C) are presented in the format prescribed in ASTM E29 “Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications.” (Added 2009) (Amended 2012 and 2016)*