

Katie Hobbs
Governor



Paul E. Brierley
Director

ARIZONA DEPARTMENT OF AGRICULTURE

WEIGHTS AND MEASURES SERVICES DIVISION

1110 W WASHINGTON STREET • SUITE 450

PHOENIX, ARIZONA 85007

Mailing Address: 1802 W JACKSON STREET #78

PHOENIX, ARIZONA 85007

(602) 542-4373

October 18, 2024

To: Weights and Measures Fuel Quality Distribution List Members
and Other Interested Parties

RE: Enforcement Discretion, ASTM D4814-24a, Ethanol Gasoline Minimum Temperature at 50%
Evaporated (T50)

On July 9, 2024, ASTM released an updated version of the specifications for gasoline, ASTM D4814-24a. This new specification lowers the minimum distillation temperature at 50% evaporated (T50) to 145°F for Class D and E ethanol-blended gasoline, along with other minor revisions. Class D is the seasonal volatility category that covers gasoline products sold in Arizona during the months of December through February¹. These specifications conflict with the Arizona Administrative Code Title 3, Chapter 7, Article 7, which adopts ASTM D4814-21c, released in 2021. ASTM D4814-21c and Article 7 include a T50 minimum of 150°F.

The Division intends to begin a rulemaking in January of 2025 to update the ASTM standards, as well as other standards incorporated by reference in the current rules. To prevent potential gasoline market disruptions and ensure consistency in specifications throughout the distribution system, the Division will not enforce the Class D/E T50 standard contained in ASTM D4814-21c for conventional ethanol-blended gasoline, but will instead follow all specifications found in ASTM D4814-24a.

This enforcement discretion will have no impact on the specifications related to the Cleaner Burning Gasoline (CBG) Program.

If you have any questions regarding this enforcement discretion, please contact dwm@azda.gov.

Thank you,

Mike Brooks
Assistant Director

¹ ASTM D4814-24a, Table 4 also specifies volatility class C-3/D-4 in November for the area N 34° Latitude and E 111° Longitude ; however, this gasoline is not shipped on the pipeline that transports gasoline into Arizona.