



Steven W. Troxler  
Commissioner

North Carolina Department of Agriculture  
and Consumer Services  
*Standards Division*

Marcus Helfrich  
Director

August 30, 2024

To: All Gasoline Importers, Retailers and Other Interested Parties

Subject: Enforcement Discretion – Ethanol Gasoline Minimum Temperature at 50% Evaporated

North Carolina Administrative Code, under Title 02, Chapter 42.0201(b)4, requires that the minimum temperature at 50% evaporated for ethanol enriched gasoline shall be 150°F (66°C).

On July 9, 2024, the ASTM released a new version of the specifications for gasoline (ASTM D4814-24a) that lowers the minimum temperature at 50% evaporated to 145°F (62.8°C) for Class-D and Class-E gasoline products that are blended with 1 to 15% ethanol by volume. Class-D is the seasonal volatility category that covers gasoline products sold in North Carolina during the months of October through March. These new specifications contradict the minimum specified in 42.0201(b)4. As North Carolina automatically adopts the most current ASTM specifications for gasoline by reference, the North Carolina Department of Agriculture and Consumer Services will exercise enforcement discretion to allow for the import and use of gasoline meeting the Class-D specifications while an amendment to Chapter 42.0201(b) that strikes the language in line (4) is prepared and executed. This enforcement discretion is effective at 12:01 am September 1st through midnight on March 30<sup>th</sup>, 2025.

As of October 1, 2024, gasoline with volatility Class-D is appropriate for use in North Carolina.

If there are any questions, please contact Marcus Helfrich at (984) 236-4755.

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