



NBB ONE-PAGE (State's Fuel Quality Regulation)

**Department** MN Department of Commerce **NCWM Region** CWMA  
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**What's needed for a successful program?** Biodiesel Blend Mandate: Beginning May 1, 2009, all diesel fuel must contain at least 5% biodiesel; 10% biodiesel by May 1, 2012; and 20% biodiesel by May 1, 2015. The minimum content levels are effective during the months of April, May, June, July, August, September, and October only. However, the commissioners of agriculture and commerce, the Pollution Control Agency,... may allow the specified biodiesel blend level to be effective year round if ...technically feasible. (Reference Senate File 3683, 2008, and Minnesota Statutes 239.77 and 239.75)

AUTHORITY

**Fuel Authority** Regulatory (state regulations); Statutory (enacted legislation)  
**Statutory/Regulatory Citation** Biodiesel Definition: Biodiesel is defined as a renewable, biodegradable, mono alkyl ester combustible liquid fuel that is derived from agricultural plant oils or animal fats and that meets American Society for Testing and Materials (ASTM) specification D6751-07. (Reference Senate File 1193, 2007, and Minnesota Statutes 239.761 and 296A.01)

ADOPTED FUEL SPECIFICATIONS

**Fuels Currently Regulated** Biodiesel-Blends\_yes; B100-Biodiesel\_yes; Diesel Fuel\_yes  
**Fuel Specifications** B6-19\_other; B1-B5\_ASTM D975; B100\_ASTM D6751; PetroDiesel\_ASTM D975  
**Other Specifications** D6751-08 however some palm oil based fuels are excluded from the definition. D7467-08 was adopted as the definition for "Biodiesel Blend" fuels. MN delayed adoption D975-08b due to concerns with #1 diesel fuel meeting T90 when blended with B100.

**If no spec - plan to adopt**

**Process to Adopt Specifications** Legislative Process  
**ASTM-Rev Adopted** periodic - adopt & update per set schedule (e.g. annually)

TESTING PROGRAMS

**Proactive Tests** Biodiesel Blends (Bxx)  
**Reactive Test Circumstance** Complaint from some point in the distribution system, usually at the retail consumer level, but sometimes from a station or a bulk plant.  
**Fuel Test Performed** - Visual; - Vacuum Distillation; - Flash Point; - Cloud Point; - Density  
**Where Sampled** Retailer; Terminal / Blender; Producer  
**Where Tested** Out-Sourced; State's In-House Lab  
**Penalties** Consequences are: Removal of product from sale, liability for damages incurred to consumers, possible prosecution at the municipal and/or county level.

REPORTING OUT-OF-SPECIFICATION FUEL

**How to Report** Call 651-215-5821

NOTES & ATTACHMENTS