



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

Department CA Div of Measurement Standards

NCWM Region WWMA

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What's needed for a successful program? Regulations are being updated to incorporate the new ASTM B5 and B20 specifications. Measurement Standards has received additional quality enforcement funding and is exploring the possibility to do proactive sample testing using the B100 Tier II protocol.

AUTHORITY

Fuel Authority Statutory (enacted legislation); Regulatory (state regulations)

Statutory/Regulatory Citation CA Business and Professions Code: Sections 12027, 13405, 13401, 13440-13443, and 13450-13451. Biodiesel blending stock shall meet the specifications set forth by ASTM International in the latest version of ?Standard Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels D 6751?, contained in the ASTM publication entitled: Annual Book of ASTM Standards, Section 5, Volume 05:04. Labeling and Price Advertising Sign Requirements for Biodiesel. Biodiesel blends shall have the words ? Biodiesel fuel (BXX)?, where XX represents the volume percent biodiesel in the fuel, used to describe the name of the product on all dispensers, advertising signs, and storage tank labels as required in Section 13480 and 13532. Section 13405. DEVELOPMENTAL ENGINE FUELS: The Department of Food and Agriculture may grant a variance from the specifications of this chapter for developmental engine fuels under certain conditions.
<http://www.cdfa.ca.gov/dms/>

ADOPTED FUEL SPECIFICATIONS

Fuels Currently Regulated Diesel Fuel_yes; Biodiesel-Blends_yes; B100-Biodiesel_yes

Fuel Specifications B6-19_ASTM D975; B1-B5_ASTM D975; B100_ASTM D6751; PetroDiesel_ASTM D975

Other Specifications California Code of Regulations Article 5. Engine Fuel Standards: Sec.4140:Automotive Spark Ignition Engine Fuel-D 4814; Sec.4141:Kerosene-D 3699; Sec.4142:Fuel Oil-D 396; Sec. 4143:Diesel Fuel-D 975. Some exceptions to full adoption of ASTM specifications apply.

If no spec - plan to adopt CA regulates CI engines to a standard based on D975 as the fuel and therefore, can accommodate up to B20 if D975 were the standard.

Process to Adopt Specifications Administrative Rulemaking; Legislative Process

ASTM-Rev Adopted periodic - adopt & update per set schedule (e.g. annually)

TESTING PROGRAMS

Proactive Tests Biodiesel Blends (Bxx)

Reactive Test Circumstance Consumer complaints
Random sampling

Fuel Test Performed - Density; - Water & Sediment; - Visual; - Flash Point; - Cetane; - Copper Strip; - Sulfur; - Sulfated Ash; - Stability; - Phosphorus; - Total Na / K; - Total Ca / Mg

Where Sampled Terminal / Blender; Retailer

Where Tested State's In-House Lab

Penalties \$1,000 and/or six months in county jail.

REPORTING OUT-OF-SPECIFICATION FUEL

How to Report

NOTES & ATTACHMENTS