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527 CMR: BOARD OF FIRE PREVENTION

11.7.5 Maintenance and Testing.

11.7.5.1 Stationary generators used for emergency or legally required standby power shall be tested and maintained in accordance with NFPA 110 and NFPA 37. [\(See NFPA 25\)](#)

[11.7.5.1.1 A fuel quality test shall be performed at least annually using tests approved by ASTM standards.](#)

[11.7.5.1.2 Diesel fuel shall be tested in accordance with ASTM D 975-11b, *Standard Specification for Diesel Fuel Oils*, or ASTM D 6751-11b, *Standard Specification for Biodiesel Fuel Blend Stock \(B100\) for Middle Distillate Fuels*, as approved by the engine manufacturer, using ASTM D 7462-11, *Standard Test Method for Oxidation Stability of Biodiesel \(B100\) and Blends of Biodiesel with Middle Distillate Petroleum Fuel \(Accelerated Method\)*. \[25:8.3.4.1.1\]](#)

[11.7.5.1.2.1 Where diesel fuel is found to be deficient in accordance with testing required in 11.7.5.1.2, the fuel shall be reconditioned or replaced, the supply tank shall be cleaned internally, and the engine fuel filter\(s\) shall be changed. \[25:8.3.4.2\]](#)

[11.7.5.1.2.2 After the restoration of the fuel and tank in 11.7.5.1.2.1, the fuel shall be retested every 6 months until experience indicates the fuel can be stored for a minimum of 1 year without degradation beyond that allowed in 11.7.5.1.2. \[25:8.3.4.2.1\]](#)