

**403.15 Standby and emergency power liquid fuel supplies.** Liquid fuels and related storage and piping systems provided for standby power systems, emergency power systems, and other power systems located within the building shall comply with this section, NFPA 37, NFPA 110, and the IFC.

**403.15.1 Liquid fuel limitations.** Class I liquid fuels shall not be used. Class II and III liquid fuels shall comply with Section 403.15.

**403.15.2 Inside storage.** The storage of Class II and III liquid fuels inside the building shall be in protected aboveground tanks complying with Section 3404.2.9 of the IFC or in tanks in vaults complying with Section 3404.2.8 of the IFC.

**403.15.3 Quantity limits.** The maximum individual capacity of each storage tank shall be limited to 12,000 gallons and the aggregate capacity of all such storage tanks shall be limited to 24,000 gallons.

**403.15.4 Tank storage room.** The tanks required in Section 403.15.2 shall be located in a room completely enclosed by fire barriers having a fire-resistance rating of not less than 2-hours. The room shall not be used for any other purpose but shall be permitted to contain fuel transfer pumps and related equipment.

**403.15.5 Fuel supply piping.** Piping used to transfer the liquid fuel from the storage tanks required in Section 403.15.2 to the engine drivers for the power systems regulated by Section 403.15 shall be provided with an approved means of secondary containment that drains back to the storage tank used to supply the piping.

**403.15.6 Fuel transfer.** Fuel storage tanks and engine drivers for power systems that are located above the storage tanks required by Section 403.15.2 shall be filled by transfer pumps supplied by the storage tanks required by Section 403.15.2. A separate

transfer pump and piping circuit shall be provided for each fuel storage tank. Intermediate fuel piping stations shall not be permitted between the transfer pump and the fuel storage tank or between the transfer pump and the engine drive for the power system.

Add this standard to Chapter 35:

NFPA 37-2002      Installation and Use of Stationary Combustion Engines and Gas  
   Turbines

Update the reference to NFPA 110-2002 Emergency and Standby Power Systems to the 2005 edition.