

Evaluation Scope: 2008 NYC Construction Codes

Evaluation Criteria: Pursuant to section AC 28-113, the Office of Technical Certification and Research (OTCR) recognizes above-ground, nonmetallic fuel-oil storage tanks fabricated, tested, and evaluated in accordance with UL subject 2258 "*Outline of Investigation for Nonmetallic Tanks for Oil-Burner Fuels and Other Combustible Liquids*"². Acceptable nonmetallic fuel-oil tanks shall be listed and labeled and shall comply with the conditions of this bulletin.

Conditions of Acceptance: Above-ground, nonmetallic fuel-oil storage tanks shall be manufactured and installed in accordance with the 2008 NYC Construction Codes and other applicable provisions including but not limited to the following:

A. Manufacturing

1. Above ground nonmetallic fuel-oil storage tanks shall be constructed as per sections 7, 8, 9, 10, 11, and 12 of UL subject 2258 and chapter 7 of NFPA 31.
2. Above ground nonmetallic fuel-oil storage tanks shall be marked in accordance with sections 40, 41, and 42 of UL subject 2258. The label shall also include the biodiesel percentage as identified in the scope of UL subject 2258.
3. Nonmetallic fuel-oil storage tanks shall only be supplied in sizes ranging from 60 gallons to 660 gallons.
4. All shipments and deliveries of materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and approved.

B. Installation

1. Installation requirements shall be in accordance with the manufacturer's instructions, the NYC Mechanical Code, NFPA 31 and the conditions of this bulletin.
2. Above-ground, nonmetallic fuel-oil storage tanks installed indoor shall not be exposed to sunlight on any plastic parts.
3. Above-ground, nonmetallic fuel-oil storage tanks installed outdoor shall be assembled with required cover from the manufacturer.
4. Installation of nonmetallic fuel-oil storage tanks shall be performed by a NYC licensed oil-burning equipment installer who is certified by the manufacturer for training and experience.

Referenced Standards:

1. NFPA 31-2001 "*Standard for the Installation of Oil-Burning Equipment*" (www.nfpa.org)
2. UL subject 2258-2010 "*Outline of Investigation for Nonmetallic Tanks for Oil-Burner Fuels and Other Combustible Liquids*" (www.ul.org)