



Aboveground Storage Tank Systems Used to Supply Appliances

Storage tank systems using Class I liquids to supply appliances inside buildings shall conform to Part 4 of the National Fire Code 2019 Alberta Edition - (NFC) and the National Fire Protection Association (NFPA) 37 “Installation and Use of Stationary Combustion Engines and Gas Turbines”.

Storage tank systems for Class II and IIIA liquids shall conform to Part 4 of the NFC when used to supply appliances and to CAN/CSA-B139 “Installation Code for Oil-Burning Equipment”. This CAN/CSA standard is intended for fully self-contained “from the factory” units that come with fuel tanks attached to the unit. Any separate tanks requiring on site piping and installation shall comply with the National Building Code (NBC) and the NFC.

Emergency generators supplying emergency power to buildings and facilities when the normal power supply fails and emergency power is required by the NBC, shall additionally comply with CSA Standard C282 “Emergency Electrical Power Supply for Buildings”.

Additional Requirements

Rooms for storage tanks in buildings shall be used for no other purposes than the storage and handling of flammable or combustible liquids. NFC- 2019 Alberta Edition 4.3.14.1.

The installation, alteration and maintenance of any flammable and combustible liquid storage tank system shall comply with the requirements as outlined in the NFC and the NBC and any referenced documents within these codes. Appliance installations require permitting through the City of Red Deer Inspections & Licensing Department (403.342.8190).

Use the check sheet for either the “Aboveground Storage Tank”, or “Aboveground Used Oil Storage Tank” for more information required on these installations.

Red Deer Emergency Services – Fire Prevention Bureau

Email: prevention@reddeer.ca Mail: PO Box 5008, Red Deer, Alberta T4N 3T4 Office: 403.346.5511