

3. Motor Fuel Dispensing Facilities

3.1. General Requirements

- 3.1.1. The requirements for motor fuel dispensing facilities storing liquid fuels and related materials such as oils, greases, cleaning solvents, windshield cleaning solvents etc., shall comply with this section.
- 3.1.2. The relevant general requirements of **Table 13.1. General Requirements for Storage of Flammable and Combustible Liquids** and other relevant sections of this chapter for storage of flammable and combustible liquids aboveground, underground, in tank buildings etc., shall apply to storage of Liquids at Fuel Dispensing facilities unless otherwise, specified by this section specifically for the quantities and methods.
- 3.1.3. A motor fuel dispensing facility located at a bulk plant shall be separated from areas in which bulk plant operations are conducted by a fence or other approved barrier.
- 3.1.4. Dispensing devices at the motor fuel dispensing facility shall not be supplied by aboveground tanks located in the bulk plant. Storage tanks at motor fuel dispensing facilities shall not be connected by piping to aboveground tanks located in the bulk plant.
- 3.1.5. Class I liquids shall not be stored or handled in a building that has a basement or pit into which ignitable vapors can travel, unless the basement or pit is provided with ventilation that will prevent the accumulation of vapors. The ventilation system shall be capable of providing at least 1 cfm/Ft² of exhaust of floor area (0.3 m³/min/m²), but not less than 4 m³/min (150 cfm). **Please see Chapter 10., Section 2.20.**
- 3.1.6. Where tanks are at an elevation that produces a gravity head on the dispensing device, the tank outlet shall be equipped with a device, such as a normally closed solenoid valve, positioned adjacent to and downstream from the valve that is installed and adjusted so that liquid cannot flow by gravity from the tank if the piping or hose fails when the dispenser is not in use.
- 3.1.7. Tanks storing Class I and Class II liquids at an individual site shall be limited to a maximum individual capacity of 12,000 gal and aggregate capacity of 48,000 gal unless such tanks are installed in vaults complying with **Section 2.8**, in which case the maximum individual capacity shall be permitted to be 15,000 gal.
- 3.1.8. Tanks designed and built for underground use shall not be installed for above ground use.
- 3.1.9. Underground storage tanks used in fuel dispensing facilities shall be installed in accordance with **Table 13.4.8.**