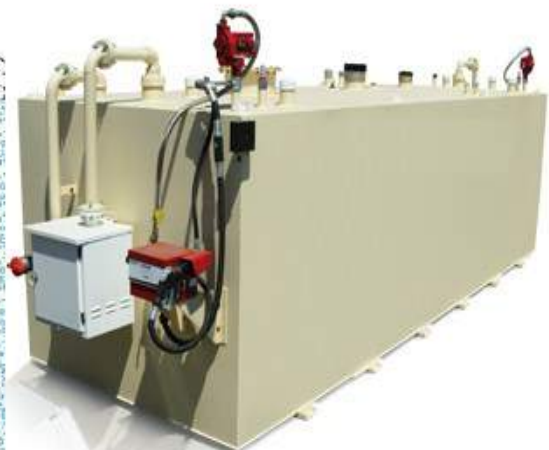
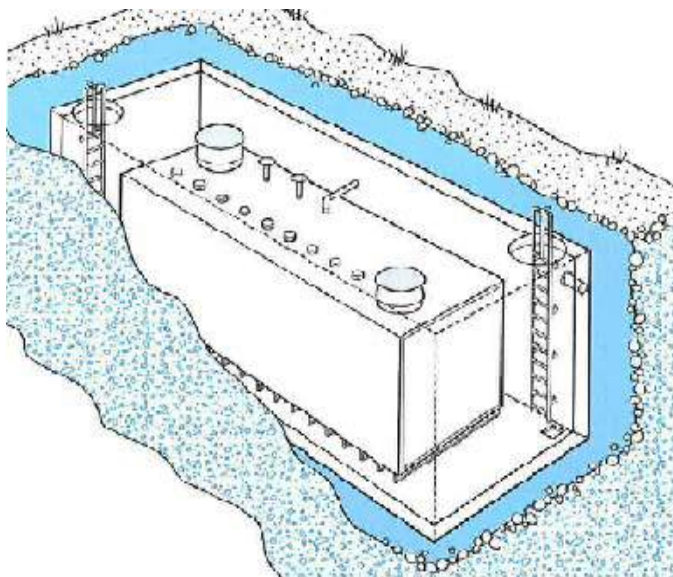


2.8. Storage Tank Vaults

- 2.8.1.** The design, construction and installation of flammable liquid and combustible liquid storage vaults shall comply with the applicable general requirements of **Table 13.1. General Requirements** and **Table 13.6. Storage Vaults**.

Table 13.6.: Storage Vaults

ITEM	REQUIREMENTS
1. GENERAL REQUIREMENTS	<ul style="list-style-type: none"> i. Clearance between the shell of a tank or equipment in a vault shall be adequate to permit the following. <ul style="list-style-type: none"> a. Entry into the vault interior by an inspector or maintenance worker. b. Access to manipulate, repair or replace any equipment or fittings in the vault. c. Access within the vault to visually inspect, either by direct sight or with aid of any optical vision extension tools, interior vault surfaces and exterior surfaces of tanks equipment to determine the source of any leakage that may occur and for repairs. ii. Tanks installed in storage tank vaults shall be listed for aboveground use. iii. Each tank shall be in its own vault and shall be completely enclosed by the vault to prevent fires spreading among multitank installations. iv. Backfill shall not be permitted around the tank, inside vault. v. Vaults shall be constructed and listed in accordance with UL 2245, Standard for below grade vaults for flammable liquid storage tanks. vi. At each entry point into the vault, a warning sign indicating the need for procedures for safe entry into confined spaces shall be posted. vii. An approved means of overfill protection shall be provided for the tanks in vaults. The use of ball float valves shall be prohibited.



TYPICAL STORAGE VAULT FOR ILLUSTRATION