Subpart 105.25—Additional Requirements—When Cargo Tanks Are Installed Below Decks

§ 105.25–1 General requirements.
(a) Cargo tank and piping systems shall be as described in Subpart 105.20.

§ 105.25–5 Compartments or areas containing cargo tanks or pumping systems.
(a) Compartments or areas containing tanks or pumping systems shall be closed off from the remainder of the vessel by gastight bulkheads. Such gastight bulkheads may be pierced for a drive shaft and pump engine control rods if such openings are fitted with stuffing boxes or other acceptable gland arrangements.

§ 105.25–7 Ventilation systems for cargo tank or pumping system compartment.
(a) Each compartment shall be provided with a mechanical exhaust system capable of ventilating such compartment with a complete change of air once in every 3 minutes. The intake duct or ducts shall be of sufficient size to permit the required air change. The exhaust duct or ducts shall be located so as to remove vapors from the lower portion of the space or bilges.
(b) The ventilation outlets shall terminate more than 10 feet from any opening to the interior of the vessel which normally contains sources of vapor ignition. The ventilation fan shall be explosion proof and unable to act as a source of ignition.

§ 105.25–10 Cargo pumping installation.
(a) Cargo pumps shall not be installed in the cargo tank compartment unless the drive system is outside the compartment.
(b) Suction pipelines from cargo tanks shall be run directly to the pump, but not through working or crew spaces of vessel.

§ 105.25–15 Spacings around tanks.
(a) Tanks shall be located so as to provide at least 15” space around tank, including top and bottom to permit external examination.

§ 105.30–5 Grounding of electrical equipment.
(a) All electrical equipment shall be grounded to the vessel’s common ground.

Subpart 105.35—Fire Extinguishing Equipment

§ 105.35–1 General.
(a) In addition to the requirements in §28.160 of subchapter C of this chapter, at least two B-II dry chemical or foam portable fire extinguishers bearing the marine type label of the Underwriter’s Laboratories, Inc., shall be located at or near each dispensing area.
(b) This equipment shall be inspected prior to issuing a letter of compliance.