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EXCERPTS FROM FEDERAL REGISTER

PART 11 - Dept. of Transportation - Coast Guard - June 21, 1990

46CFR Part 39 Vapor Control Systems

Subpart 39.20 Design and Equipment

§ 39.20-7 Tankship liquid overfill protection -T/ALL

The following section, reprinted here for your convenience, contains the USCG rules and regulations regarding overfill protection.

OVERFILL PROTECTION

39.20-7 Tankship liquid overfill protection-T/ALL

- (a) Each cargo tank of a tankship must be equipped with an intrinsically safe high level alarm and a tank overfill alarm.
- (b) The high level alarm and tank overfill alarm required by paragraph (a) of this section, if installed after July 23, 1990 must:
- (1) Be independent of each other;
 - (2) Alarm in the event of loss of power to the alarm system or failure of electrical circuitry to the tank level sensor; and
 - (3) Be able to be checked at the tank for proper operation prior to each transfer or contain an electronic self- testing feature which monitors the condition of the alarm circuitry and sensor.
- (c) The high level alarm required by paragraph (a) of this section must:
- (1) Alarm before the tank overfill alarm, but no lower than 95 percent of tank capacity;
 - (2) Be identified with the legend "High Level Alarm" in black letters at least 50 millimeters (2 inches) high on a white background; and
 - (3) Have audible and visible alarm indications that can be seen and heard on the vessel where cargo transfer is controlled.

(d) The tank overfill alarm required by paragraph (a) of this section must:

(1) Be independent of the cargo gauging system;

(2) Have audible and visible alarm indications that can be seen and heard on the vessel where cargo transfer is controlled and in the cargo deck area;

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