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any bolt that shows signs of strain or is elongated or deteriorated.

(c) No person may use a connection for transfer operations unless it is—

- (1) A bolted or full threaded connection; or
- (2) A quick-connect coupling accepted by the Coast Guard.

§ 98.30-29 Piping incompatible products.

No person may pipe a portable tank with another tank that contains a chemically incompatible product.

§ 98.30-31 Conditions for pumping.

No person may start pumping a product to or from a portable tank or if started, continue to pump if—

- (a) There is an electrical storm;
- (b) A fire occurs—
 - (1) On the deck;
 - (2) On the vessel;
 - (3) In the vicinity; or
- (c) The cargo hose ruptures or leaks.

§ 98.30-33 Warning signals.

(a) If the vessel is moored, no person may transfer to or from a portable tank a product with a flashpoint of less than 300° F unless the person in charge displays a—

- (1) Red flag by day; and
- (2) Red electric lantern by night.

(b) If the vessel is at anchor, no person may transfer to or from a portable tank a product with a flashpoint of less than 300° F unless the person in charge displays a red flag.

(c) The signal required in paragraphs (a) and (b) of this section must be visible on all sides of the vessel.

§ 98.30-35 Warning sign at gangway.

If a vessel is moored, no person may transfer to or from a portable tank a product with a flashpoint of less than 300° F unless the person in charge displays at each gangway or access that is open for use a warning placard containing the following in letters 2 inches in height or larger:

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WARNING

No open lights

No smoking

§ 98.30-37 Firefighting requirements.

No person may lift a portable tank on or off a vessel, or transfer a product with a flashpoint of less than 300° F to or from a portable tank unless—

- (a) Water pressure is maintained on the firemain;
- (b) Firehoses, fitted with a Coast Guard approved combination nozzle, are attached to each fire hydrant in the vicinity of the portable tanks;
- (c) Except as provided in § 98.30-39, fire extinguishers of a dry chemical type are—
 - (1) Located to protect the deck area 10 feet in any horizontal direction from each portable tank and its associated cargo handling system;
 - (2) Coast Guard approved; and
 - (3) Capable of covering the deck area without being moved;
- (d) In a deck area of 500 square feet or less, there are 2 or more dry chemical fire extinguishers of 300 pounds or more total capacity of extinguishing agent; and
- (e) In a deck area of more than 500 square feet, there are 3 or more dry chemical fire extinguishers of 450 pounds or more total capacity of extinguishing agent.

§ 98.30-39 Alternate fire extinguishing system.

An alternative to the fire extinguishing system required in § 98.30-37(c) may be approved in accordance with procedures contained in subpart 90.15 of this chapter.

Subpart 98.31—Control of Pollution From NLS Cargoes on Ocean-going Offshore Supply Vessels

SOURCE: CGD 82-004 and CGD 86-074, 62 FR 49321, Sept. 19, 1997, unless otherwise noted.

§ 98.31-5 Applicability.

This subpart applies to each offshore supply vessel contracted for, or the keel of which was laid, before March 15, 1996, that is oceangoing as defined in 33

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CFR 151.05(j) and that carries noxious liquid substances (NLSs) as defined in § 153.2 of this chapter in bulk, including carriage in portable tanks.

§ 98.31-10 Certificate of inspection and NLS certificate endorsements.

(a) The Coast Guard issues the endorsed Certificate of Inspection or NLS Certificate required by § 98.31-15 for every vessel under this subpart to carry NLSs if the vessel—

(1) Has the Cargo Record Book prescribed in § 153.490(a)(1) of this chapter; and

(2) Unless it discharges no NLS residues as defined in § 153.2 of this chapter to the sea, meets the requirements in §§ 153.470 through 153.491 of this chapter.

(b) Each vessel under this subpart that does not meet the requirements in §§ 153.470 through 153.491 of this chapter must have a statement on its Certificate of Inspection or NLS Certificate stating that the vessel is prohibited from discharging NLS residues to the sea.

§ 98.31-15 Operating requirements.

No person may operate a vessel that carries a bulk liquid cargo of NLS unless the vessel—

(a) Has on board a Certificate of Inspection and, if it is a vessel making a foreign voyage, an NLS Certificate endorsed under § 98.31-10 with the name of the NLS cargo;

(b) Discharges no NLS residues to the sea unless the vessel meets—

(1) The equipment requirements in § 98.31-10(a)(2); and

(2) The operating requirements prescribed for oceangoing ships carrying NLSs in §§ 153.901, 153.903, 153.909, and 153.1100 through 153.1132 of this chapter.

Subpart 98.33—Portable Tanks for Certain Grade E Combustible Liquids and Other Regulated Materials

SOURCE: CGD 84-043, 55 FR 37412, Sept. 11, 1990, unless otherwise noted.

§ 98.33-1 Applicability.

(a) This subpart contains regulations concerning transfer of certain low-haz-

ard materials to and from portable tanks on vessels

(b) This subpart applies to the following portable tanks:

(1) A DOT-specification 57 portable tank (see 49 CFR 173.24, 173.32, 178.251, and 178.253);

NOTE TO PARAGRAPH (b)(1): Copies of Specifications 178.251 and 178.253 may be obtained from the Commandant (G-MSO-3).

(2) A portable tank authorized under 49 CFR 176.340(b); and

(3) A portable tank approved by the Commandant under subpart 50.20 of this chapter.

[CGD 84-043, 55 FR 37412, Sept. 11, 1990; 56 FR 13598, Apr. 3, 1991, as amended by CGD 97-057, 62 FR 51046, Sept. 30, 1997]

§ 98.33-3 Cargoes authorized.

The following cargoes are authorized for transfer to and from portable tanks authorized by § 98.33-5:

(a) Grade E combustible liquids that have a closed-cup flashpoint of 300 °F or higher and that meet the definition of no DOT hazard class in 49 CFR part 173;

(b) Any environmentally hazardous substance, liquid N.O.S., Class 9, listed in table 1 of appendix A of 49 CFR 172.101, and any aqueous solution of an environmentally hazardous substance, solid, N.O.S., Class 9, listed in that table, that meets the definition of "Hazardous substance" in 49 CFR 171.8.

(c) Other cargoes subject to regulation under 49 CFR parts 171 through 176 when authorized in writing by the Commandant. Requests for such authorization must be submitted as prescribed in § 153.900(d)(1) of this chapter.

[CGD 84-043, 55 FR 37412, Sept. 11, 1990, as amended by CGD 97-057, 62 FR 51046, Sept. 30, 1997]

§ 98.33-5 Portable tanks authorized.

The cargoes authorized under § 98.33-3 may be transferred to and from portable tanks to which this subpart applies if the portable tanks have:

(a) A minimum design pressure of 9 psig.

(b) Pressure-relief devices that may be frangible pressure-relief devices