

## Coast Guard, DHS

## § 98.30–16

(a) Chemically compatible with the product for which the portable tank is approved; and

(b) Resistant to deterioration by the product for which the portable tank is approved.

[CGD 84–043, 55 FR 37412, Sept. 11, 1990. Redesignated and amended by USCG–2011–0088, 78 FR 54785, 54787, Sept. 6, 2013]

### § 98.30–12 Stowage of portable tanks and IBCs.

(a) No person may operate a vessel to which this subpart applies unless each portable tank and/or IBC is stowed on an open deck.

(b) No person may stow a portable tank and/or IBC—

(1) In the vicinity of another tank that contains a chemically incompatible product; and

(2) Unless all electrical equipment is explosion-proof or intrinsically safe, as defined in §§ 111.105–9 and 111.105–11 of this chapter, in the area of the tank and its associated equipment that is—

(i) Within 10 feet in any horizontal direction; and

(ii) Within 8 feet above the deck.

(c) All IBCs must be secured as specified in 49 CFR 176.74.

[CGD 73–172, 39 FR 22954, June 25, 1974, as amended by CGD 84–043, 55 FR 37412, Sept. 11, 1990; 55 FR 47477, Nov. 14, 1990. Redesignated and amended by USCG–2011–0088, 78 FR 54785, 54787, Sept. 6, 2013]

### § 98.30–13 Pipe connections, and filling and discharge openings.

(a) No person may transfer a hazardous material to or from a portable tank or IBC onboard a vessel, unless each filling and discharge opening in the tank bottom is equipped with the following:

(1) For an IM 101, IM 102, IMO Type 1, IMO Type 2, or UN portable tank, the closures specified in 49 CFR 178.275.

(2) For an MPT, the valves and closures specified in §§ 64.33 through 64.41 of this chapter.

(3) For an IBC, the closures specified in 49 CFR 178.705.

(b) A manifold cannot be used when transferring a hazardous material to or from a portable tank or IBC onboard a vessel, unless the portable tank or IBC is equipped with a remote or automatic shutoff valve or other automatic means

of closure that will activate during an emergency.

[CGD 84–043, 55 FR 37412, Sept. 11, 1990. Redesignated and amended by USCG–2011–0088, 78 FR 54785, 54787, Sept. 6, 2013]

### § 98.30–14 Cargo pumps.

No person may operate a cargo pump to transfer a product to or from a portable tank unless the pump is installed—

(a) Above deck; or

(b) Below deck, in conformance with subpart 32.60 of this chapter.

[CGD 73–172, 39 FR 22954, June 25, 1974. Redesignated by USCG–2011–0088, 78 FR 54785, Sept. 6, 2013]

### § 98.30–15 Ground connection.

No person may transfer an inflammable or combustible product to or from a vessel unless—

(a) The portable tank or IBC and its pumping equipment is electrically grounded to the hull of the vessel; and

(b) The vessel is electrically grounded to an offshore platform, shore piping, or another vessel by a—

(1) Cargo hose constructed with an integral grounding wire if the end connections are used for electrical continuity; or

(2) Separate grounding that is maintained until the cargo hose is disconnected and drained.

[CGD 73–172, 39 FR 22954, June 25, 1974. Redesignated and amended by USCG–2011–0088, 78 FR 54785, 54787 Sept. 6, 2013]

### § 98.30–16 Requirements for ships carrying NLSs in portable tanks and IBCs.

(a) The person in charge of a ship, except a ship under subpart 98.31 of this chapter, that carries an NLS in a portable tank must ensure that—

(1) The ship's Certificate of Inspection is endorsed with the name of the NLS;

(2) Any letters issued by the Commandant (CG–ENG) prescribing additional conditions for endorsement are attached; and

(3) Each operating requirement specified in writing by Commandant (CG–ENG) as a condition for endorsement is met.

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(b) To have a ship's Certificate of Inspection endorsed to allow the carriage of NLSs in portable tanks, the—

(1) Owner of the ship must make a request to the Commandant (CG-ENG) following the procedures for requesting alternatives in §153.10(a) of this chapter; and

(2) The ship must meet any design and equipment requirements specified in writing as a condition for the endorsement by the Commandant (CG-ENG).

(c) Any ship that carries NLSs in an IBC, as described in §98.30-6, must meet all requirements in accordance with 46 CFR 125.120.

[CGD 81-101, 53 FR 28974, Aug. 1, 1988. Redesignated by CGD 84-043, 55 FR 37411, Sept. 11, 1990, and amended by CGD 84-043, 55 FR 37412, Sept. 11, 1990; CGD 95-072, 60 FR 50464, Sept. 29, 1995; CGD 96-041, 61 FR 50730, Sept. 27, 1996; USCG-2012-0832, 77 FR 59780, Oct. 1, 2012. Redesignated and amended by USCG-2011-0088, 78 FR 54785, 54787, Sept. 6, 2013]

## § 98.30-17 Leakage containment.

(a) No person may transfer a product to or from a vessel unless there is a container or enclosed deck area that meets the requirements of this section under or around each transfer connection area.

(b) Each container or enclosed deck area must hold, in all conditions of vessel list or trim to be encountered during the transferring operation, 5 gallons or more and must have a means of draining or removing any leakage without mixing incompatible products or discharging into the water.

[CGD 73-172, 39 FR 22954, June 25, 1974. Redesignated by USCG-2011-0088, 78 FR 54785, Sept. 6, 2013]

## § 98.30-18 Qualifications of person in charge.

(a) The operator or agent of each vessel must designate the person in charge of a transfer of liquid cargo in bulk to or from a portable tank or IBC.

(b) Each person designated as person in charge of a transfer of liquid cargo in bulk to or from a portable tank or IBC must—

(1) On a tank barge, hold a “Tankerman-PIC”, restricted “Tankerman-PIC”, “Tankerman-PIC (Barge)”, or restricted “Tankerman-

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PIC (Barge)” endorsement on his or her merchant mariner credential or merchant mariner's document authorizing transfer of the classification of cargo involved;

(2) On a self-propelled tank vessel, or on a tankship, carrying oil or hazardous material in bulk, hold a valid merchant mariner credential, license, or certificate authorizing service as a master, mate, pilot, engineer, or operator aboard that vessel, and a Tankerman-PIC or a restricted Tankerman (PIC) endorsement.

[CGD 79-116, 60 FR 17157, Apr. 4, 1995, as amended by 62 FR 25135, May 8, 1997; USCG-2006-24371, 74 FR 11265, Mar. 16, 2009. Redesignated and amended by USCG-2011-0088, 78 FR 54785, 54787, Sept. 6, 2013]

## § 98.30-19 Supervision by person in charge.

(a) No person may connect, top off, disconnect, or engage in any other critical product transfer operation unless the person in charge designated in §98.30-17, personally supervises the operation.

(b) No person may start the flow of a product to or from a portable tank or IBC unless instructed to do so by the person in charge.

(c) No person may transfer a product to or from a portable tank or IBC unless the person in charge is in the immediate vicinity of the transfer operation and immediately available to the person transferring the product.

[CGD 73-172, 39 FR 22954, June 25, 1974, as amended by USCG-2011-0088, 78 FR 54787, Sept. 6, 2013]

## § 98.30-21 Inspection prior to transfer.

No person may transfer to or from a portable tank or IBC a product with a flashpoint of less than 300 °F unless the person in charge of the transfer determines that—

(a) Each warning signal and sign required in §§98.30-33 and 98.30-35 is displayed;

(b) No repair work in the vicinity of any portable tank or IBC is done without permission of the person in charge of the transfer operation; and

(c) Riveting, welding, burning, or a similar operation is not done in the vicinity of a portable tank or IBC unless an inspection by the person in charge