

of a transfer of liquid cargo in bulk to or from a portable tank.

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

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

EFFECTIVE DATE NOTES: 1. By 78 FR 54785, Sept. 6, 2013, §98.30-17 was redesignated as §98.30-18, effective Dec. 5, 2013.

2. By 78 FR 54787, Sept. 6, 2013, newly designated §98.30-18, was amended in paragraph (a) by removing the word “shall” and adding, in its place, the word “must”, and after the words “portable tank”, add the words “or IBC”, and in paragraph (b) introductory text, after the words “portable tank”, add the words “or IBC”, and remove the word “shall”, and add, in its place, the word “must”; and revising paragraph (b)(1), effective Dec. 5, 2013. For the convenience of the user, the revised text is set forth as follows:

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(b) * * *

(1) On a tank barge, hold a “Tankerman-PIC”, restricted “Tankerman-PIC”, “Tankerman-PIC (Barge)”, or restricted “Tankerman-PIC (Barge)” endorsement on his or her merchant mariner credential or merchant mariner’s document authorizing transfer of the classification of cargo involved;

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§ 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 unless instructed to do so by the person in charge.

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

EFFECTIVE DATE NOTE: At 78 FR 54787, Sept. 6, 2013, §98.30-19, was amended in paragraphs (b) and (c), after the words “portable tank”, add the words “or IBC”, effective Dec. 5, 2013.

§ 98.30-21 Inspection prior to transfer.

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 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 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 unless an inspection by the person in charge of the transfer ensures that the operation can be done safely.

EFFECTIVE DATE NOTE: By 78 FR 54787, Sept. 6, 2013, §98.30-21, was amended in the introductory text and paragraphs (b) and (c), after the words “portable tank”, add the words “or IBC”, effective Dec. 5, 2013.

§ 98.30-23 Requirements for transfer; general.

No person may transfer a product to or from a portable tank unless—

(a) The vessel’s moorings are strong enough to hold in all expected conditions of surge, current, and weather and are long enough to allow adjustment for changes in draft, drift, and tide during the transfer operation;

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(b) Transfer hoses or loading arms are long enough to allow the vessel to move the limits of its mooring without placing strain on the hose, loading arm, or transfer piping system;

(c) Each transfer hose is supported in a manner that prevents strain on its coupling;

(d) Each part of the transfer system necessary to allow the flow of the product is lined up for the transfer;

(e) Each transfer hose has no loose covers, kinks, bulges, soft spots, and no gouges, cuts, or slashes that penetrate the hose reinforcement;

(f) Each coupling meets the requirements of § 98.30-27;

(g) Each scupper or drain in a discharge containment system is closed;

(h) The person in charge of the transfer operations on the transferring vessel or facility and the person in charge of the transfer operations on the receiving vessel or facility have held a conference, to ensure that each person in charge understands—

(1) The identity of the product to be transferred;

(2) The sequence of transfer operations;

(3) The transfer rate;

(4) The name or title and location of each person participating in the transfer operation;

(5) Particulars of the transferring and receiving systems;

(6) Critical stages of the transfer operations;

(7) Federal, state, and local rules that apply to the transfer of dangerous articles and combustible liquids;

(8) Emergency procedures;

(9) Discharge containment procedures;

(10) Discharge reporting procedures;

(11) Watch or shift arrangement; and

(12) Transfer shutdown procedures;

(i) The person in charge of the transfer operations on the transferring vessel or facility and the person in charge of transfer operations on the receiving vessel or facility agree to begin the transfer operations; and

(j) Each person in charge required in this subpart is present.

EFFECTIVE DATE NOTE: By 78 FR 54787, Sept. 6, 2013, § 98.30-23, was amended in the introductory text, after the words “portable

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tank”, add the words “or IBC”, effective Dec. 5, 2013.

§ 98.30-25 Requirements for transfer; cargo handling system.

No person may transfer a product to or from a portable tank unless the cargo handling system meets the requirements in subpart F of part 64 of this chapter.

EFFECTIVE DATE NOTE: By 78 FR 54787, Sept. 6, 2013, § 98.30-25, after the words “portable tank”, add the words “or IBC”, effective Dec. 5, 2013.

§ 98.30-27 Connections.

(a) Each person who makes a connection for a transfer operation shall—

(1) Use suitable material in joints and couplings to make a tight seal;

(2) Use a bolt in at least every other hole and in no case less than four bolts in each temporary connection utilizing an American National Standards Institute (ANSI) standard flange coupling;

(3) Use a bolt in each hole of couplings other than ANSI standard flange couplings;

(4) Use a bolt in each hole of each permanently connected flange coupling;

(5) Use bolts of the same size in each bolted coupling; and

(6) Tighten each bolt and nut uniformly to distribute the load.

(b) No person who makes a connection for a transfer operation may use 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.

EFFECTIVE DATE NOTE: At 78 FR 54787, Sept. 6, 2013, § 98.30-27, in paragraph (a) introductory text, remove the word “shall” and add, in its place, the word “must”, effective Dec. 5, 2013.

§ 98.30-29 Piping incompatible products.

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