

Shipboard Incinerators-Requirements” are considered to meet the requirements of IMO resolution MEPC.59(33). Incinerators in compliance with both ASTM F 1323 (incorporated by reference, see § 63.05-1), “Standard Specifications for Shipboard Incinerators” and Annexes A1-A3 of IMO resolution MEPC.59(33) are considered to meet the requirements of IMO resolution MEPC.59(33).

[CGD 95-028, 62 FR 51202, Sept. 30, 1997, as amended by USCG-1999-5151, 64 FR 67181, Dec. 1, 1999]

PART 64—MARINE PORTABLE TANKS AND CARGO HANDLING SYSTEMS

Subpart A—General

Sec.

- 64.1 Purpose.
- 64.2 Incorporation by reference.
- 64.3 Applicability.
- 64.5 Definitions.
- 64.9 Maintenance, repair, and alteration of MPTs.

Subpart B—Standards for an MPT

- 64.11 Design of MPTs.
- 64.13 Allowable stress; tank.
- 64.15 Allowable stress; framework.
- 64.17 Minimum tank thickness.
- 64.19 External pressure.
- 64.21 Material.
- 64.23 Gasket and lining.
- 64.25 Cross section.
- 64.27 Base.
- 64.29 Tank saddles.
- 64.31 Inspection opening.
- 64.33 Pipe connection.
- 64.35 Bottom filling or discharge connection.
- 64.37 Valve and fitting guard.
- 64.39 Valve securing device.
- 64.41 Stop valve closure.
- 64.43 Lifting fittings.
- 64.45 Securing devices.
- 64.47 Type of relief devices.
- 64.49 Labeling openings.
- 64.51 Tank parts marking.
- 64.53 Information plate for MPTs.
- 64.55 Relief device location.

Subpart C—Pressure Relief Devices and Vacuum Relief Devices for MPTs

- 64.57 Acceptance of pressure relief devices.
- 64.59 Spring loaded pressure relief valve.
- 64.61 Rupture disc.
- 64.63 Minimum emergency venting capacity.

- 64.65 Vacuum relief device.
- 64.67 Shutoff valve.
- 64.69 Location of the pressure relief device.
- 64.71 Marking of pressure relief devices.

Subpart D [Reserved]

Subpart E—Periodic Inspections and Tests of MPTs

- 64.77 Inspection and test.
- 64.79 Inspection of pressure and vacuum relief device.
- 64.81 30-month inspection of an MPT.
- 64.83 Hydrostatic test.

Subpart F—Cargo Handling System

- 64.87 Purpose.
- 64.88 Plan approval, construction, and inspection of cargo-handling systems.
- 64.89 Cargo pump unit.
- 64.91 Relief valve for the cargo pump discharge.
- 64.93 Pump controls.
- 64.95 Piping.
- 64.97 Cargo hose.

AUTHORITY: 46 U.S.C. 3306, 3703; 49 U.S.C. App. 1804; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGD 73-172, 39 FR 22950, June 25, 1974, unless otherwise noted.

Subpart A—General

§ 64.1 Purpose.

This part contains the requirements for—

- (a) Design, construction, repair, alteration, and marking of marine portable tanks (MPTs) authorized by this chapter to be carried on inspected vessels;
- (b) Periodic inspections and tests of MPTs; and
- (c) Design and construction of cargo-handling systems for MPTs and other portable tanks authorized under subparts 98.30 and 98.33 of this chapter.

[CGD 84-043, 55 FR 37409, Sept. 11, 1990; 55 FR 47477, Nov. 14, 1990]

§ 64.2 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a). To enforce any edition other than the one listed in paragraph (b) of this section, the Coast Guard must publish notice of the change in the

§ 64.3

46 CFR Ch. I (10-1-06 Edition)

FEDERAL REGISTER and make the material available to the public. All approved material is on file at the U.S. Coast Guard, Marine Safety and Environmental Protection, 2100 Second Street SW., Washington, DC 20593-0001, and is available from the source indicated in paragraph (b) of this section or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to:

http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(b) The material approved for incorporation by reference in this part, and the sections affected, are:

*American Society of Mechanical Engineers
(ASME) International*

Three Park Avenue, New York, NY 10016-5990.

ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, Pressure Vessels, 1989, with Addenda issued December 31, 1989 (“ASME Code”).....64.5, 64.7, 64.11, 64.13, 64.21, 64.25, 64.31

[CGD 84-043, 55 FR 37409, Sept. 11, 1990; 55 FR 47477, Nov. 14, 1990, as amended by CGD 96-041, 61 FR 50728, Sept. 27, 1996; CGD 97-057, 62 FR 51044, Sept. 30, 1997; USCG-1999-6216, 64 FR 53225, Oct. 1, 1999]

§ 64.3 Applicability.

(a) This part applies to each MPT for which the Commanding Officer, U.S. Coast Guard Marine Safety Center, receives an application for approval on or before May 1, 1991.

(b) Subpart F of this part also applies to portable tanks and to cargo-handling systems for portable tanks authorized under subparts 98.30 and 98.33 of this chapter.

[CGD 84-043, 55 FR 37409, Sept. 11, 1990]

§ 64.5 Definitions.

As used in this part:

(a) *Marine portable tank* or *MPT* means a liquid-carrying tank that—

(1) Has a capacity of 110 gallons or more;

(2) Is designed to be carried on a vessel;

(3) Can be lifted full or empty onto and off a vessel, and can be filled and discharged while on a vessel;

(4) Is not permanently attached to the vessel; and

(5) Was inspected and stamped by the Coast Guard on or before September 30, 1992.

(b) *Tank* means the pressure vessel and the associated fittings of an MPT that come in contact with the product being carried.

(c) *Total containment pressure* means the minimum pressure for total product containment under normal operating conditions at a gauge pressure consisting of the absolute vapor pressure of the product at 122 °F added to the dynamic pressure, based on the tank dimensions and the location of the relief devices, of not less than 5 pounds per square inch gauge (psig) at the top of the tank in the operating position.

(d) *Maximum allowable working pressure* means the maximum gauge pressure at the top of the tank in the operating position at 122 °F, equal to or greater than the total containment pressure as defined in paragraph (c) of this section. The maximum allowable working pressure is used in the calculation of the minimum thickness of each element of the tank, excluding the allowance for corrosion and the thickness for loadings other than pressure, as provided for in the ASME Code.

(e) *Test pressure* means a hydrostatic pressure of at least one and one-half times the maximum allowable working pressure.

(f) *Dynamic loading conditions* means the following:

(1) A loading in the vertical down direction equal to 2 times the weight of the tank and the heaviest product carried.

(2) A loading in the transverse direction equal to the weight of the tank and the heaviest product carried.

(3) A loading in the longitudinal direction equal to the weight of the tank and the heaviest product carried.

(g) *Owner* means the person, corporation, company, partnership, or organization in which is vested the ownership, dominion, or title of a portable tank.

[CGD 73-172, 39 FR 22950, June 25, 1974, as amended by CGD 84-043, 55 FR 37409, Sept. 11, 1990]