

Coast Guard, DHS

§ 76.13-1

1½ inch hose, and 7½ threads per inch for 2½ inch hose; or

(ii) Be a uniform design for each hose diameter throughout the vessel.

(2) Each section of firehose must be lined commercial firehose that conforms to Underwriters' Laboratories, Inc. Standard 19 or Federal Specification ZZ-H-451E. Hose that bears the label of Underwriters' Laboratories, Inc. as lined firehose is accepted as conforming to this requirement.

[CGFR 65-50, 30 FR 16940, Dec. 30, 1965, as amended by CGFR 67-87, 32 FR 19181, Dec. 20, 1967; CGD 74-60, 41 FR 43151, Sept. 30, 1976; CGD 76-086, 44 FR 2392, Jan. 11, 1979; CGD 88-032, 56 FR 35825, July 29, 1991; CGD 95-012, 60 FR 48051, Sept. 18, 1995; CGD 95-027, 61 FR 26004, May 23, 1996; CGD 95-028, 62 FR 51204, Sept. 30, 1997; USCG-2000-7790, 65 FR 58461, Sept. 29, 2000]

§ 76.10-15 Piping.

(a) All piping, valves, and fittings shall meet the applicable requirements of subchapter F (Marine Engineering) of this chapter.

(b) All distribution cut-off valves shall be marked as required by § 78.47-15 of this subchapter.

(c) For vessels on an international voyage, the diameter of the fire main shall be sufficient for the effective distribution of the maximum required discharge from two fire pumps operating simultaneously. This is in addition to § 76.10-5(c). The discharge of this quantity of water through hoses and nozzles at a sufficient number of adjacent hydrants shall be at a minimum Pitot tube pressure of approximately 50 pounds per square inch.

§ 76.10-90 Installations contracted for prior to May 26, 1965.

(a) Installations contracted for prior to May 26, 1965, shall meet the following requirements:

(1) Except as specifically modified by this paragraph, the requirements of §§ 76.10-5 through 76.10-15 shall be complied with insofar as the number and general type of equipment is concerned. Existing equipment, except firehose nozzles and low-velocity water spray applicators, previously approved but not meeting the applicable requirements of §§ 76.10-5 through 76.10-15 may be continued in service so long as they are maintained in good condition to

the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs, alterations, and replacements may be permitted to the same standards as the original installation. However, all new installations or major replacements shall meet the applicable requirements in this part.

(2) All vessels contracted for prior to November 19, 1952, shall be fitted with fire pumps, hoses, and nozzles in accordance with table 76.10-90(a)(2).

TABLE 76.10-90(a)(2)

Gross tons		Min-imum num-ber of pumps	Min-imum hose and hy-drant size, inches	Noz-zle orifice size, inches	Length of hose, feet
Over	Not over				
100	4,000	2	1 1½	1½	150
4,000	3	1 1½	1½	150

¹ May use 50 feet of 2½-inch hose with ¾-inch nozzles for exterior stations. May use 75 feet of 1½-inch hose with 5/8-inch nozzles for interior station in which case such interior stations shall have siamese connections.

(3) When reasonable and practicable, where two or more fire pumps are required, they shall not all be located in the same space. Vessels on an international voyage shall, however, comply with the requirements of § 76.10-5(h).

(4) The general requirements of § 76.10-5(c) through (h), § 76.10-10(d) through (i), and § 76.10-15, shall be complied with insofar as is reasonable and practicable. In addition, vessels on an international voyage shall comply with the requirements of § 76.10-5(b).

(5) Vessels on an international voyage shall comply with the requirements of § 76.10-3.

(6) Firehose nozzles and low-velocity spray applicators must meet the requirements of §§ 76.10-10(j), 76.10-10(k), and 76.10-10(l)

(b) [Reserved]

[CGFR 65-50, 30 FR 16940, Dec. 30, 1965, as amended by CGFR 67-87, 32 FR 19181, Dec. 20, 1967; CGD 76-086, 44 FR 2392, Jan. 11, 1979; CGD 95-027, 61 FR 26004, May 23, 1996; USCG-2000-7790, 65 FR 58461, Sept. 29, 2000]

Subpart 76.13—Steam Smothering Systems

§ 76.13-1 Application.

Steam smothering systems are not permitted on vessels contracted for on