

(b) A vessel on which a pre-engineered fixed gas fire extinguishing system is installed must have the following equipment at the operating station:

- (1) A light to indicate discharge;
- (2) An audible alarm that sounds upon discharge; and
- (3) A means to reset devices used to automatically shut down ventilation systems and engines as required by paragraph (a)(3) of this section.

(c) Only one pre-engineered fixed gas fire extinguishing system is allowed to be installed in each space protected by such a system.

§ 118.425 Galley hood fire extinguishing systems.

(a) A grease extraction hood required by §118.400 of this part must meet UL 710 "Exhaust Hoods for Commercial Cooking Equipment," or other standard specified by the Commandant.

(b) A grease extraction hood must be equipped with a dry or wet chemical fire extinguishing system meeting the applicable sections of NFPA 17 "Dry Chemical Extinguishing Systems," 17A "Wet Chemical Extinguishing Systems," or other standard specified by the Commandant, and must be listed by an independent laboratory recognized by the Commandant.

Subpart E—Portable Fire Extinguishers

§ 118.500 Required number, type, and location.

(a) Each portable fire extinguisher on a vessel must be of a type approved by the Commandant. The minimum number of portable fire extinguishers required on a vessel must be acceptable to the cognizant OCMI, but must be not less than the minimum number required by Table 118.500(a) and other provisions of this section.

TABLE 118.500(a)

| Space protected | Minimum number required | Type extinguisher permitted | | |
|-----------------------------------|---|---------------------------------------|-----------------------|-----------------|
| | | CG class | Medium | Min. size |
| Operating station | 1 | B-I, C-I | Halon | 1.1 kg (2.5 lb) |
| | | | CO ₂ | 1.8 kg (4 lb) |
| | | | Dry chemical | 0.9 kg (2 lb) |
| Machinery space | 1 | B-II, C-II located just outside exit. | Halon | 4.5 kg (10 lb) |
| | | | CO ₂ | 6.8 kg (15 lb) |
| | | | Dry chemical | 4.5 kg (10 lb) |
| Open vehicle deck ... | 1 for every 10 vehicles | B-II | Foam | 9.5 L (2.5 gal) |
| | | | Halon | 4.5 kg (10 lb) |
| | | | CO ₂ | 6.8 kg (15 lb) |
| Accommodation space. | 1 for each 232.3 square meters (2,500 square feet) or fraction thereof. | A-II | Dry chemical | 4.5 kg (10 lb) |
| | | | Foam | 9.5 L (2.5 gal) |
| Galley, pantry, concession stand. | 1 | A-II | Dry chemical | 4.5 kg (10 lb) |
| | | B-II | Foam | 9.5 L (2.5 gal) |
| | | | Dry chemical | 4.5 kg (10 lb) |

(b) A vehicle deck without a fixed sprinkler system and exposed to weather must have one B-II portable fire extinguisher for every five vehicles, located near an entrance to the space.

(c) The cognizant OCMI may permit the use of a larger portable fire extinguisher, or a semiportable fire extinguisher, in lieu of those required by this section.

(d) The frame or support of each B-V fire extinguisher permitted by para-

graph (c) of this section must be welded or otherwise permanently attached to a bulkhead or deck.

[CGD 85-080, 61 FR 917, Jan. 10, 1996, as amended at 62 FR 51351, Sept. 30, 1997]

§ 118.520 Installation and location.

Portable fire extinguishers must be located so that they are clearly visible and readily accessible from the space being protected. The installation and

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location must be to the satisfaction of the cognizant OCMI.

Subpart F—Additional Equipment

§ 118.600 Fire axe.

A vessel of more than 19.8 meters (65 feet) in length must have at least one fire axe located in or adjacent to the primary operating station.

PART 119—MACHINERY INSTALLATION

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AUTHORITY: 46 U.S.C. 2103, 3306; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

SOURCE: CGD 85–080, 61 FR 922, Jan. 10, 1996z, unless otherwise noted.

Subpart A—General Provisions

§ 119.100 Intent.

This part contains requirements for the design, construction, installation, and operation of propulsion and auxiliary machinery, piping and pressure systems steering apparatus, and associated safety systems. Machinery and equipment installed on each vessel must be suitable for the vessel and its operation and for the purpose intended. All machinery and equipment must be installed and maintained in such a manner as to afford adequate protection from causing fire, explosion, machinery failure, and personnel injury.

§ 119.115 Applicability to existing vessels.

(a) Except as otherwise required by paragraphs (b) and (c) of this section, an existing vessel must comply with the regulations on machinery, bilge and ballast system equipment, steering apparatus, and piping systems or components that were applicable to the vessel on March 10, 1996, or, as an alternative, the vessel may comply with the regulations in this part.

(b) New installations of machinery, bilge and ballast system equipment, steering equipment, and piping systems or components on an existing vessel, which are completed to the satisfaction of the cognizant Office in Charge, Marine Inspection (OCMI) on or after March 11, 1996, must comply with the regulations of this part. Replacement of existing equipment installed on the vessel prior to March 11, 1996, need not comply with the regulations in this part.

(c) On or before March 11, 1999, an existing vessel must comply with the