

(2) Each fireman's outfit and its spare equipment are stowed together in a readily accessible container or locker; that no more than one outfit is stowed in the same container or locker and that the two containers or lockers are located in separate areas to ensure that at least one is available at all times in the event of a fire; and

(3) Fireman's outfits are not used for any purpose other than firefighting.

**§ 149.412 How many fire axes are needed?**

Each manned deepwater port must have at least two fire axes per 46 CFR 108.499.

**§ 149.413 On a manned deepwater port, what spaces require a fixed fire-extinguishing system?**

The manned deepwater port spaces or systems listed in paragraphs (a) through (c) of this section must be protected by an approved fixed-gaseous, or other approved fixed-type, extinguishing system.

(a) Paint lockers of capacity in excess of 200 cubic feet and similar spaces containing flammable liquids.

(b) Galley range or deep fat fryer.

(c) Each enclosed space containing internal combustion or gas turbine machinery, with an aggregate power of more than 1,000 B.H.P., and any associated fuel oil units, purifiers, valves, or manifolds.

**§ 149.414 What are the requirements for a fire-detection and alarm system?**

(a) All accommodation and service spaces, on a manned deepwater port, and all spaces or systems of a deepwater port that process, store, transfer, and re-gasify liquefied natural gas, must have an automatic fire-detection and alarm system. The system must either comply with 46 CFR 108.405 or be designed and installed in compliance with a national consensus standard, as that term is defined in 29 CFR 1910.2, for fire-detection and fire alarm systems, and that complies with standards set by a nationally recognized testing laboratory, as that term is defined in 29 CFR 1910.7, for such systems or hardware.

(b) Sleeping quarters must be fitted with smoke detectors that have local alarms and that may, or may not, be connected to the central alarm panel.

(c) Each fire-detection and fire alarm system must have a visual alarm and an audible alarm at a normally manned area.

(d) Each fire-detection and fire alarm system must be divided into zones to limit the area covered by a particular alarm signal.

**§ 149.415 What are the requirements for a fire-main system on a manned deepwater port?**

(a) Each pumping platform complex must have a fixed fire-main system. The system must either:

(1) Comply with 46 CFR 108.415 through 108.429; or

(2) Comply with a national consensus standard, as that term is defined in 29 CFR 1910.2, for such systems and hardware and comply with the standards set by a nationally recognized testing laboratory, as that term is defined in 29 CFR 1910.7, for such systems and hardware.

(b) If the fire-main system meets the requirements outlined in paragraph (a)(2) of this section, it must provide, at a minimum, protection to:

- (1) Accommodation spaces;
- (2) Accommodation modules;
- (3) Control spaces; and

(4) Other areas frequented by port personnel. The hose system must be capable of reaching all parts of these spaces without difficulty.

(c) The fire-main system, under paragraph (a)(2) of this section, may be part of a firewater system in accordance with 30 CFR 250.803.

(d) A fire-main system for a natural gas deepwater port must also comply with 33 CFR 127.607.

[USCG-1998-3884, 69 FR 746, Jan. 6, 2004; 69 FR 3836, Jan. 27, 2004]

**§ 149.416 What are the requirements for fire pumps?**

(a) Each manned deepwater port must have at least two independently driven fire pumps. Each pump must be able to simultaneously deliver two streams of water at a pitot tube pressure of at least 50 p.s.i./345 k.p.a (75