

have an automatic fire detection and alarm system that:

(1) Either complies with 46 CFR 108.405 or

(2) Is 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 both 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 and 33 CFR 127.607 if it is a natural gas deepwater port; 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.

(c) The hose system must be capable of reaching all parts of these spaces without difficulty.

(d) Under paragraph (a)(2) of this section, the fire main system may be part of a fire water system in accordance with 30 CFR 250.803.

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

**§ 149.416 What are the requirements for a dry chemical fire suppression system?**

Each natural gas deepwater port must be equipped with a dry chemical system that meets the requirements of § 127.609 of this chapter.

**§ 149.417 What firefighting equipment must a helicopter landing deck on a manned deepwater port have?**

Each helicopter landing deck on a manned deepwater port must have the following:

(a) A fire hydrant and hose located near each stairway to the landing deck. If the landing deck has more than two stairways, only two stairways need to have a fire hydrant and hose. The fire hydrants must be part of the fire main system; and

(b) Portable fire extinguishers in the quantity and location as required in table 149.409.

**§ 149.418 What fire protection system must a helicopter fueling facility have?**

In addition to the portable fire extinguishers required under table 149.409, each helicopter fueling facility must have a fire protection system complying with 46 CFR 108.489.

**§ 149.419 Can the water supply for the helicopter deck fire protection system be part of a fire water system?**

(a) The water supply for the helicopter deck fire protection system required under § 149.420 or § 149.421 may be part of:

(1) The fire water system, installed in accordance with Mineral Management Service regulations under 30 CFR 250.803; or

(2) The fire main system under § 149.415.

(b) If the water supply for the helicopter deck fire protection system is part of an independent accommodation fire main system, the piping design and hardware must be compatible with the system and must comply with the requirements for fire mains in 46 CFR 108.415 through 108.429.