

**Coast Guard, DHS**

**§ 149.481**

**§ 149.461 Fire hydrant and control valve shutoff valve.**

Each fire hydrant and control valve must have a shutoff valve.

**§ 149.463 Fire hydrant access.**

Any equipment that is in the same space as a fire hydrant must not interfere with access to that hydrant.

**§ 149.465 Spanner.**

Each fire hydrant must have at least one spanner at the fire hydrant.

**§ 149.467 Fire hose rack.**

(a) Each PPC must have a hose rack at each hydrant.

(b) Each fire hose rack must be visible.

(c) Each fire hose rack in an exposed location must be protected from weather.

**§ 149.469 Fire hose size.**

Each length of fire hose must be:

(a) 1½ or 2½ inch nominal hose size diameter;

(b) 50 foot nominal hose size length; and

(c) Lined commercial fire hose that conforms to Underwriters Laboratories, Inc. Standard 19 or Federal specification ZZ-H-451D.

**§ 149.471 Fire hose coupling.**

Each fire hose coupling must:

(a) Be made of brass, bronze, or material that has strength and corrosion resistant properties at least equal to those of brass or bronze; and

(b) Have 9 threads per inch for 1½ inch hose or 7½ threads per inch for 2½ inch hose.

**§ 149.473 Fire hose nozzle.**

Each fire hose nozzle must be a combination solid stream and water spray fire hose nozzle that is approved under 46 CFR 162.027.

**§ 149.477 Spray applicator.**

Each PPC must have a low velocity spray applicator that is approved under 46 CFR 162.027 at each fire hydrant.

**§ 149.479 International shore connection.**

(a) The fixed fire main system of a PPC must have:

(1) At least two risers;

(2) A cutoff valve and check valve for each riser; and

(3) At least two international shore connections that meet the requirements in 46 CFR 162.034.

(b) Each riser must be in an accessible location to vessels alongside the PPC, and two of the risers must be on opposite sides of the PPC.

**OTHER FIRE EXTINGUISHING SYSTEMS**

**§ 149.481 Other fire extinguishing systems.**

(a) Each PPC must have a manually or automatically operated fire extinguishing system in addition to the fire main system required under § 149.451 that is approved by the Commandant and meets the National Fire Protection Association standards listed in paragraph (e) of this section in the following locations:

(1) Storerooms.

(2) Workrooms containing flammable liquids.

(3) Pump rooms.

(4) Machinery spaces.

(b) Each halogenated agent or CO<sub>2</sub> system in a compartment smaller than 6,000 cubic feet, and each sprinkler system, must be automatic.

(c) Each halogenated agent or CO<sub>2</sub> system in a compartment larger than 6,000 cubic feet, and each foam system, must be manual.

(d) The systems selected must match the hazard to be protected as follows:

(1) Storerooms must use water sprinklers or CO<sub>2</sub>.

(2) Workrooms containing flammable liquids, pumprooms, and machinery spaces must use CO<sub>2</sub>, halogenated agents, or high expansion foam.

(e) Each system required under paragraph (a) of this section must meet one of the following performance standards:

(1) Water sprinkler system—NFPA No. 13.

(2) Carbon dioxide system—NFPA No. 12.

(3) Halogenated agent system—NFPA No. 12A.