



Benicia Fire Department – Fire Prevention Policies

Subject: HOSE RACKS AND HOSE CABINETS CLASS II AND III STANDPIPES

Section: B

Effective Date: April 2, 2009

Standard B-205

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Revised Date: July 1, 2015

Authority: City of Benicia Municipal Code Chapter 8.28, National Fire Codes Standards 13 and 14, California Building Code Section 905, California Fire Code Section 905, and Benicia Fire Department Standards B-203 and B-205.

Definitions:

STANDPIPE SYSTEM is a wet or dry system of piping, valves, outlets, and related equipment designed to provide water at specified pressures and installed exclusively for fighting of fires.

CLASS II STANDPIPE is a standpipe system directly connected to a water supply and equipped with 1-½ inch outlets and hose.

CLASS III STANDPIPE is a standpipe system directly connected to a water supply and equipped with 2-½ inch outlets or 2-½ inch and 1-½ in outlets when a 1-½ inch outlet is required. Hose connections for Class III systems may be made through 2-½ inch hose valves with easily removable 2-½ inch by 1-½ inch reducers.

Requirements:

1. All hose racks/cabinets shall be placed when any interior portion of a building is more than one hundred thirty (130) feet from any accessible opening. All portions of each story of the building are within thirty (30) feet of a nozzle attachment to one hundred (100) feet of hose.
(The (130) foot travel limitation shall not apply to Class III Standpipes)
2. All hose racks shall be a Class III Standpipe System. (NFPA 14- 7.3.4)
These racks shall have a 2-½” outlet and a 1-½” outlet; this can be achieved by reducing the 2-½” down to the 1-½” so the hose can be attached.
3. All racks shall be Allenco Hose Racks, Units 14OU and 140, or 141 U and 141 equivalent.
4. All hose racks not installed in cabinets shall be provided with an approved dust cover, i.e., Allenco 134 Hose Rack Cover or equivalent.



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5. All racks shall be supplied with a minimum of one hundred (100) feet of lined fire hose, Moon 1117 or Allen 574 Moonflex Fire Hose or equivalent.
6. All nozzles shall be adjustable and capable of complete shut off.