



# ONTARIO FIRE DEPARTMENT FIRE PROTECTION STANDARD

## FIRE HOSE CONNECTIONS IN OCCUPANCIES

STANDARD #D-004

EFFECTIVE 03-18-2014

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### **PURPOSE**

To establish a consistent guideline for fire hose connections used in occupancies.

### **SCOPE**

The California Fire Code (CFC) prior to January 1, 2008 required approved fire hose connections in occupancies where high pile storage (HPS) exceeds specified thresholds.

City Ordinance 2188, High Rise Building Regulations, adopted in 1982 and repealed in 2002, required approved fire hose connections, fire hose and cabinets, in occupancies that met the classification of “mid-rise” or “high rise” occupancy. Due to the repeal of Ordinance 2188, the requirement of the fire hose cabinets and fire hose, in sprinkler covered occupancies, would not be required in new construction today.

### **AUTHORITY**

Fire Standpipe Systems shall be installed in approved locations in accordance with the requirements of 2013 CFC, Chapter 9, Section 905.

### **BACKGROUND**

It has been the Fire Department’s past practice to require fire hose at the fire hose connections. It is the intent of this standard to recognize these appliances are for use by Fire Department personnel, not by building occupants. Hose, nozzles, hose racks and cabinets will not be required.

**EXCEPTION:** If an occupant has a requirement for insurance purposes and/or a fire brigade, these devices may be installed with the approval of the Fire Chief. Contact the Ontario Fire Prevention Bureau for requirements.

### **ADOPTED STANDARDS**

- A. The Ontario Fire Prevention Bureau will determine approved fire hose connection valve locations. A letter of request on company letterhead shall be submitted for approval (see sample below).
- B. The piping to the valve and fire hose connection shall be a minimum 1-1/2” (inch) diameter. (Pre-existing systems may be exempt from this requirement.)
- C. Fire hose connections shall be a minimum of 1-1/2” inch diameter with 1.5-9 American National Fire Hose threads.
- D. For identification of the fire hose connection:
  1. All existing recessed fire hose cabinets
    - a. Shall not be removed, and be properly marked with the words, in **red**, not less than 2 inches in height, “Fire Hose Connection”.
  2. All vertical piping and supporting columns etc. shall be painted **red**.

3. All open vertical piping and supporting columns, etc. shall have reflective tape that shall be 4" wide self-adhesive tape applied with a 1.5" overlap of the seam.
  - a. The coloring of the reflective tape shall be white or gray 3M™ Scotchlite™ Reflective Striping Tape or an equivalent acceptable to the Bureau of Fire Prevention.
  - b. The reflective tape shall be no more than 12" below any roof obstructions including but not limited to trusses, lights and draft curtains and 18" above the hose valve.
4. In some situations where the location of the hose connection is obscured, appropriate signage will be required. Fire Prevention Staff will provide direction and approval.

Sample Letter: (on company letterhead)

Date \*

City of Ontario Fire Department  
Bureau of Fire Prevention  
415 East 'B' St.  
Ontario, CA 91764

Re: Address of Occupancy\*

Bureau of Fire Prevention,

The (name of responsible/business), located at (address of occupancy), would like to request the removal and discontinuance of the maintenance of the fire hoses in this occupancy as permitted by the Ontario Fire Department, in accordance and compliance of Ontario Fire Department Standard #D-004.

Thank you for your cooperation in this matter.

Sincerely,