

OSHDP Office of Statewide Health Planning and Development



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**HEALTH CARE FACILITY
 LOCAL FIRE AUTHORITY FIRE SPRINKLER APPROVAL
 2010 CALIFORNIA BUILDING STANDARDS CODE**

HOSPITAL: _____ OSHPD PROJECT #: _____

ADDRESS: _____

The Office of Statewide Health Planning and Development (OSHDP) reviews fire sprinkler installations for compliance with the minimum requirements of NFPA Standard No. 13-2010 and NFPA Standard No. 24-2010. OSHDP does not review projects for compliance with local fire flow, hydrant spacing, connection and control valve configuration and location requirements.

Prior to final plan approval of the above-identified project, review and approval by the local fire authority, of the following requirements, is requested.

LOCAL FIRE AUTHORITY REQUIREMENTS:

1. The location of the fire department connection is in accordance with NFPA 13, Section 8.17.2; NFPA 24, Section 5.9; 2010 California Building Code (CBC), Section 912; and 2010 California Fire Code (CFC), Section 912.
2. The location and type of system control valve(s) are in accordance with NFPA 13, Section 8.16.1.1.1.1 and NFPA 24, Section 6.2.
3. Fire flow and hydrant spacing are in accordance with the requirements of 2010 California Fire Code (CFC), Section 507, Appendices B and C, NFPA 24, Sections 5.1 and 7.2 (new construction only).

LOCAL FIRE AND WATER AUTHORITY REQUIREMENTS:

4. The installation, location and configuration of the cross-connection control device (detector-check) are in accordance with the requirements of NFPA 13, Sections 8.16.1.1.3 and 8.16.1.1.4.1, NFPA 24, Sections 5.5 and 6.2.11 and the requirements of the jurisdiction responsible for enforcement of Title 17, California Code of Regulations, Section 7583 et seq.

LOCAL FIRE AUTHORITY APPROVAL:

The fire flow, hydrant spacing, fire department connection location, and type and location of control valves are in accordance with the requirements of this statutory fire authority.

Fire Authority: _____

Address: _____

Phone: _____ Email: _____

Authorized Fire Authority Representative: _____

Date: _____ Title: _____

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**INSTRUCTIONS
HEALTH CARE FACILITY
LOCAL FIRE AUTHORITY FIRE SPRINKLER APPROVAL
2010 CALIFORNIA BUILDING STANDARDS CODE**

The Office of Statewide Health Planning and Development (OSHPD) reviews fire sprinkler installations for compliance with NFPA Standards in accordance with 2010 California Building Code (CBC), Section 903.3.1. In addition to the specific requirements of the NFPA Standards, the location, configuration and arrangement of fire mains, hydrants, fire department connections, and control valves are dependent upon site specific conditions and the requirements of the local fire authority.

In order to facilitate the review and approval process, the following performance standards should be considered when designing and preparing a fire sprinkler system for submittal.

1. With respect to hydrants, driveways, buildings and landscaping, fire department connections should be located so that fire apparatus and hose connected to supply the system will not obstruct access for other fire apparatus in accordance with 2010 CBC, Section 912.2 and 2010 CFC, Section 912.2.
2. The fire department connection should be located on the street side of the building, fully visible and recognizable from the street or nearest point of fire department vehicle access in accordance with 2010 California Building Code (CBC), Section 912.2.1 and 2010 California Fire Code (CFC), Section 912.2.1.
3. The fire department connection should be located within 150' of a public fire hydrant.
4. The fire department connection should be located a minimum of 40' from the building. When this distance cannot be provided, a minimum two-hour fire-resistive wall should be provided.
5. Each fire sprinkler system should have a main post indicator valve located at the public water valve connection.
6. Each fire sprinkler riser should have an exterior control valve located above grade.
7. The local water purveyor should be contacted for requirements pertaining to the installation of cross-connection "backflow" control devices (detector-checks).
8. The local fire jurisdiction should be contacted for requirements pertaining to fire flow and hydrant spacing.

Requirements pertaining to fire flow, hydrant spacing, types of control valves, and the location of valves and connections vary from jurisdiction to jurisdiction and from facility to facility within each jurisdiction. Adherence with the performance standards enumerated above does not necessarily assure compliance with local requirements. Documentation of local fire authority approval must be submitted to OSHPD prior to OSHPD approval.

To facilitate review and compliance with local requirements, submit a completed Health Care Facility Local Fire Authority Fire Sprinkler Approval with each fire sprinkler submittal for new construction and new fire sprinkler installations. A construction document clearly indicating the approval of the local fire authority is also acceptable.