



Sprinkler System Standard for One- and Two- Family Dwellings (NFPA 13D-2010)

Effective Date: January 1, 2011

NFPA 13D – 2010 edition, referenced in Chapter 47 of the 2010 California Fire Code, is modified with the following amendments:

- Section 4.2.1 Replaced with:
- All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at 200 psi and shall maintain that pressure without loss for 2 hours.
- Section 4.2.2 Deleted
- Section 6.2 Deleted sections 6.2.3.1 and 6.2.3.2.
- Section 6.3 Deleted
- Section 7.1.1 Replaced with:
- No valve shall be allowed which shuts off the automatic sprinkler system without turning off the domestic water supply.
- Section 7.1.2 Deleted
- Section 7.5 Added the following:
- 7.5.9 Spare sprinklers shall be provided as required by NFPA 13 – 2010, Section 6.2.9
- Section 7.6 Replaced with:
- Local waterflow alarms shall be provided on all sprinkler systems.
- Section 8.4.10 Deleted
- Section 8.6 Added the following:
- 8.6.1.1 Pilot sprinklers shall be provided in the attics and between floors where floor/ceiling assemblies consist of open web wood joists or trusses. Pilot sprinklers shall be quick response, intermediate temperature rated, K=4.2. Pilot sprinklers shall be located within twelve inches of the structure and/or at the apex of each ridgeline when applicable. A



sprinkler is required where the ridgeline and hips converge. Maximum spacing between sprinklers shall be thirty feet, and maximum spacing from walls shall be fifteen feet. Also, sprinklers shall be located at all heat and fire sources including furnaces, hot water heaters, above kitchen ranges, etc.

8.6.1.2 Sprinklers shall be required in garages. Sprinklers shall be standard spray, quick response, and intermediate temperature rated. The maximum sprinkler protection area shall be 144 square feet.

Section 8.6 Deleted sections 8.6.4, 8.6.5, and 8.6.6.

INSPECTIONS: Inspection shall be scheduled by the installing contractor only. When scheduling for inspection, request sufficient time to complete a thorough inspection of the work performed. Travel time is included in your inspection time.

DOCUMENT REVISIONS: This document is subject to revisions. For general information and to verify that you have the most current document, please call 408-535-7750, and request the current version date.