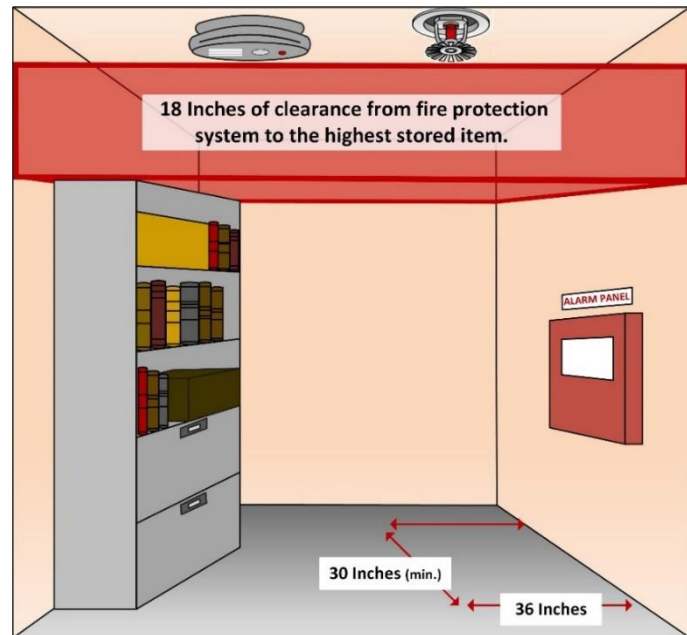


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### Fire Protection Systems.

Fire protection systems, including fire sprinkler systems (piping, sprinkler heads, and associated equipment), fire detectors, smoke detectors, and heat sensors, are essential tools that control, monitor, and/or extinguish fires. California Code of Regulations (CCR)<sup>1</sup>, California fire Code (CFC)<sup>2</sup>, and National Fire Protection Agency (NFPA)<sup>3</sup> have legislated the following requirements to ensure the fire protection systems are fully operational in the event of a fire (see **Figure 2**):

1. Items stored on shelves *must be kept 18 inches below* the lowest part of the sprinkler head and/or associated equipment.
2. Items stored on shelves *must be kept 18 inches below* all smoke and fire detectors.
3. Large items, that may divert sprinkler water (i.e. banners, large wood signs), *must not be stored horizontally*.
4. *No items may hang from and/or be attached to*, any fire sprinkler system piping or sprinkler head.
5. *Access space of 30 inches wide* (or the width of the equipment if greater than 30 inches) and *36 inches deep must be maintained* at all times around all fire sprinkler control panels, alarm panels, pull stations, sprinkler system drain valves, control valves, and drain valves.
6. *Prior to any painting, construction, or modification* in areas near fire protection systems, especially smoke/fire detectors and sprinklers, notice must be given to Facilities & Planning Services.



**Figure 2 - Fire Protection System Clearance**

**If any part of the fire protection system is discovered damaged, disabled, and/or tampered with immediately contact the Environmental Health and Safety Coordinator or Facilities & Planning Services.**

<sup>1</sup> Title 8 of the California Code of Regulations (CCR) section [6170](#)

<sup>2</sup> CFC Chapter 9 - Fire Protection Systems (2013)

<sup>3</sup> NFPA 13 - Standard for the Installation of Sprinkler Systems (2013); NFPA 72 - National Fire Alarm and Signaling Code (2013); NFPA 101 - Life Safety Code (2015)