

4.12 Temporary Standpipes in Buildings Under Construction (2016)

Reference: 2016 SFFC Section 3313

Purpose: The following requirements are provided for the fire inspector's information and to assist contractors during construction.

- I. At least one standpipe shall be provided in every building under construction that is four or more stories in height. Such standpipes shall be installed when the building has reached a height of not more than 40 feet in height above the lowest level of Fire Department access, and shall comply with the requirements of section 3313 of the 2016 SFFC.
- II. The following additional stipulations shall apply to buildings which will exceed 200 feet in height:
 - A. Submit detailed plans for approval to the Chief, Division of Fire Prevention and Investigation;
 - B. When building reaches 200-ft. elevation, a fire pump shall be in operation with power and water provided; controls shall be at ground floor.
 - C. Provide signs and necessary keys to gain access and operate equipment.
 - D. Domestic and construction water connections may not be taken off the standpipe system.
 - E. If a UL labeled and listed pump is not available, a dependable equivalent may be accepted for temporary use, if approved by SFFD.
 - F. Maximum static pressure at any Fire Department outlet shall be 150 psi or approved PRVs shall be installed.
 - G. The sizing of the pump shall be based on sound engineering principles and approved by the SFFD.

GENERAL NOTE: Any part of the permanent standpipe may be used on a temporary basis, with the approval of the fire code official.