



Fairfield Fire Department  
Fire Prevention Division  
1200 Kentucky Street, Fairfield, CA 94533  
Phone (707) 428.7375

**FIRE SAFETY at CONSTRUCTION SITES**  
**STD# 13-24 Effective Date: 01/01/2024**

**SCOPE**

This standard shall apply to construction sites and structures during construction, alteration, or demolition, including those in underground locations. Compliance with CFC Chapter 33 and NFPA 241 is required for items not specifically addressed herein.

**PLANS**

A sight safety plan shall be established when directed by the fire code official.

**SPECIFICATIONS**

- 1. Fire Department Access Roadways:** All construction sites shall be accessible by Fire Department Apparatus by means of roadways having an all-weather driving service of no less than 20 feet (26 feet if construction height is 30 feet or more) of unobstructed width. The roads shall have the ability to withstand the live loads of fire apparatus and have a minimum of 13.5 feet of vertical clearance. Dead end fire access roads in excess of 150 feet in length shall be provided with approved turnarounds.
- 2. Premises Identification:** The address numbers of the property or project location shall be plainly visible and legible from the street or road fronting the property at the fire apparatus access point.
- 3. Vehicle Parking:** All vehicles shall be parked a minimum of 20 feet from new buildings under construction.  
**Exception:** Vehicles that are temporarily parked for loading/unloading or other construction related operations. Such vehicles shall not be left unattended. No parking shall be allowed on any Fire Department access roadway.



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4. **Fire Hydrants:** Where underground water mains and hydrants are required for the building(s) under construction, they shall be installed, completed, and in service prior to combustible construction materials accumulating on site.
5. **Standpipes:** Where standpipes are required, the standpipes shall be installed when the progress of construction is no more than 35 feet in height above the lowest level of the fire department access. The standpipe shall be installed in above grade and below grade levels. Standpipes shall be provided with fire department hose connections and outlets at accessible locations adjacent to all usable stairs. The standpipe system shall be extended as construction progresses to within one floor of the highest point of construction having secured decking or flooring. Each floor shall be provided with a 2.5-inch valve outlet for fire department use. Where construction height requires installation of a Class III standpipe, fire pumps and water main connections shall be provided to serve the standpipe.
6. **Fire Sprinkler Systems:** Where fire walls are not provided and automatic fire sprinkler systems are required to be installed in the building being constructed, the sprinkler system shall be placed in service as soon as possible. For buildings of Type I or Type II non-combustible construction, activation of the fire sprinkler system may be delayed until combustible finishes, furnishings or equipment are installed, and the building or area is not used for combustible storage or any other purpose.
7. **Fire Alarm Systems:** Fire alarm systems shall be maintained operational at all times during building alterations. When an alteration requires modification to a portion of the fire alarm system, the affected area of the system requiring work shall be isolated and the remainder of the system shall be kept in service. The fire department shall be notified when it is necessary to shut down a fire alarm system and a fire watch or other mitigation approved by the fire department shall be implemented by the general contractor until the system is returned to full service.
8. **Fire Extinguishers:** Portable fire extinguishers shall be provided on all construction sites.
9. **Smoking:** Smoking is prohibited anywhere inside or on the roof of new buildings



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under construction or in the project work area of buildings undergoing alterations.

10. **Cooking:** Cooking shall be prohibited except in approved designated cooking areas separated from combustible materials by a minimum of 10 feet. Cooking equipment shall be placed and used in such a manner so that it is secured against overturning or displacement. Cooking areas shall be designated by approved signs which state the following:

**WARNING!**  
**DESIGNATED COOKING AREA- COOKING OUTSIDE OF**  
**ADESIGNATED**  
**COOKING AREA IS PROHIBITED**

11. **Exit and Exit Pathways:** Exits and exit pathways shall be maintained during construction, demolition, remodel, alterations and additions to any building. Materials shall not be stored in exits, exit pathways, stairways or ramps used for exit.