



# Corona Fire Department

## Construction Standards

### PURPOSE

The purpose of this document is to identify the minimum standards to be followed during construction, alterations, or demolition of any project within the City of Corona. Additional requirements may be found in Chapter 33 of the 2022 edition of the California Fire Code (CFC).

### SCOPE

All new developments and construction sites shall comply with this standard, unless specific alternate methods of compliance have been approved by the Fire Marshal. The Fire Chief or Fire Marshal may determine the need for additional requirements. Failure to comply may result in the issuance of a "STOP WORK ORDER" for the project.

### REQUIREMENTS

1. All new developments shall have vehicle access roadways to the project site as specified during the Development Plan Review or Building Plan Check, prior to the delivery of combustible materials to the site, per CFC 3310.1.
2. Approved vehicle access shall meet the City of Corona construction standards for public or private streets, per Public Works Standards, Series 100 – Street Standards.
3. All emergency vehicle access roadways shall be approved prior to combustible construction, per CFC 3310.1
4. Emergency access roadways shall be of an all-weather surface (asphalt or concrete) and shall be certified as capable of supporting 70,000 pounds gross vehicle weight, per CFC 3310.1.
5. Turns in access roadways shall be constructed with a minimum of 25' inside radius and 50' outside radius, per CFC 503.2.4.
6. Fire Department emergency access roadways shall be maintained free from obstruction **at all times**. Gates or other obstructions shall be approved by the Fire Department and the Public Works Department, prior to installation. Vehicular parking on emergency access roadways is subject to citation, per CFC 503.4.
7. All required fire hydrants shall be tested, accepted and placed in service prior to the delivery of any combustible materials, per CFC 3312.1.
8. At no time shall fire hydrants be blocked by building materials or equipment, per CFC 507.5.4.
9. Should the water supply for the project be reduced or compromised, the Corona Fire Department shall be notified immediately at (951) 736-2220, Option 1. If the water supply is compromised after normal business hours, the contractor shall notify Corona Fire Dispatch at (951) 736-2330 Option 2, per CFC 901 and 3308.7.
10. Buildings four or more stories in height shall be equipped with not less than one standpipe during construction, per CFC Section 3313.
11. Buildings that require an automatic fire sprinkler system shall not be occupied until the system has been tested and approved, per CFC Section 3314, except as approved by the Fire Marshal, and in accordance with CFC Chapter 1, Section 105.3.3.
12. Building materials shall be stored on site in a manner and location approved by both the Fire and Public Works Departments.
13. Combustible scrap materials and scrap lumber shall be picked up on a daily basis, or more frequently, as required by the Fire Department. Combustible debris shall not be accumulated within buildings, per CFC 3304.2.



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14. The owner shall designate a person to be the fire prevention program superintendent. They shall determine that all fire protection equipment is maintained and serviced in accordance with CFC 3308.2. At anytime the fire protection equipment is out of service, a fire watch shall be required.
15. The fire prevention program superintendent shall be responsible for supervising the permit system for hot work operations in accordance with CFC Chapter 33, per CFC 3308.6.
16. Individuals responsible for performing hot work and individuals responsible for providing fire watch shall be trained in the use of portable extinguishers per CFC 3504.2.4.
17. Asphalt kettles shall only be permitted when accompanied by at least one multipurpose portable fire extinguisher with a minimum 3-A 40-B:C rating on the roof being covered or repaired. Asphalt kettles shall only be operated by a contractor licensed and bonded for the type of roofing process being performed, per 3317.2.
18. Open burning is prohibited anywhere on the site during construction, alteration, or demolition projects, per CFC 3304.4.
19. Production welding shall require a Fire Department permit and shall comply with 2022 CFC Chapter 35, and the Welding and Hot Works guideline.
20. Grading operations on or near wildland areas shall require a fire plan which addresses fire safety in wildland areas and shall be approved prior to commencement of grading. Spark arrestors and fire extinguishers shall be required. Additional site-specific requirements may be made based on topography, distance, or other concerns, including the California Environmental Quality Act (CEQA), per CFC Chapter 49 and CBC Chapter 7A.