



SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT COMMUNITY SAFETY DIVISION

598 South Tippecanoe Ave.
San Bernardino, CA 92415
(909) 386-8400

Standard Number

G - 2

Revision Date:
July 1, 2023

FIRE PREVENTION STANDARD

OUTDOOR FIREWOOD STORAGE AND LOGGING YARDS

AUTHORITY

Sections 102.9, 103 and 104.1 of the 2022 California Fire Code provides that the Fire Code Official of the San Bernardino County Fire Department shall have the authority to adopt policies, procedures, rules, and regulations in order to clarify the application of the Fire Code and to specify requirements not specifically provided for by the Fire Code. For further requirements on this subject, see section 2806 of the 2022 California Fire Code. This standard may be modified with the approval of the Fire Code Official.

PURPOSE

The purpose of this standard is to provide the minimum requirements for the storage of any firewood and related products that may create a fire hazard in their natural or processed state when stored in bulk piles.

SCOPE

This standard applies to the outdoor bulk storage of firewood and cold decks.

DISCLAIMER

These standards may change without notice. Whenever applicable statutes, regulations and standards are updated and adopted, the latest shall apply. Please contact the Community Safety Division at (909) 386-8400 to determine if these standards have changed. These requirements do not exempt any individual from complying with other applicable state, county, or city codes and standards.

SUBMITTALS

- 1) The applicant shall submit the plans and all required documentation online through the San Bernardino County EZOP website, <https://wp.sbcounty.gov/ezop>

NOTE: If the project is in the City of Fontana please contact (909) 428-8890 for submittal information.

- 2) All pages of plans shall have a three-inch (3) by three-inch (3) box labeled "FOR FIRE DEPARTMENT USE ONLY" located in the bottom right corner of every page for approval stamp.
- 3) Provide a scaled site plan or plot plan the following information at a minimum:
 - a) Location of all fire apparatus access roads and fire apparatus turnarounds for dead-end roadways.
 - b) Dimensions indicating width, length, and radii of all turns for all fire access roads.



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- c) Surfacing specifications of fire access roads, including pavement type and thickness. May also require a report from a registered engineer for certain conditions.
 - d) Locations of any types of obstructions to fire access roads. (See also SBCFPD standard A-3)
 - e) The locations of all temporary and permanent structures, log decks, firewood stacks and any other combustibles.
 - f) Location of all fire protection water sources (hydrants, tanks, etc.).
 - g) Locations of all parking areas, landscaping areas, walkways, and any other adjacent areas.
 - h) Location of significant hazards (i.e., flammable or combustible liquids, hazardous materials, or LPG tanks).
- 4) Planning Department approval letter.

DEFINITIONS

CORD - A one hundred and twenty-eight (128) cubic foot stack of cut wood measuring four (4) foot tall by four (4) foot wide by eight (8) foot long.

COLD DECK - A pile of unfinished cut logs.

GENERAL

- 1) Firewood and logging storage yards that have more than one hundred thousand (100,000) board feet (8,333 cubic feet) of product shall require an operational permit from the fire department and shall be renewed annually.
- 2) Wood shall be stacked tightly and neatly in cords, not to exceed eight (8) feet in height and not to exceed ten (10) cords per stack.
- 3) The outdoor storage of firewood shall not exceed sixty (60) cords of wood unless approved by the fire Code Official per San Bernardino County Development Code.
- 4) Stacks shall be separated at least twenty-six (26) feet away from all structures and property lines.
- 5) Stacks shall be separated from other stacks by a distance of no less than ten (10) feet.
- 6) In the FS (Fire Safety) overlay, all areas used for the storage of firewood shall be at least thirty (30) feet away from all structures and property lines or shall be enclosed within a structure.
- 7) Wood in rounds and logs shall not be stored for longer than ninety (90) days.
- 8) Wood stacks shall be covered with tarps to prevent accumulation of leaves, needles, debris, and sparks.
- 9) Storage yards shall be kept clean and free of excessive bark, wood chips, sawdust, and wood scraps.



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- 10) Pressurized water type extinguishers, with a minimum 2 ½ gallon capacity, or dry chemical type fire extinguishers with a minimum 4-A:60-BC rating shall be maintained on site in locations as determined by the fire code official.
- 11) Fire apparatus access roads shall be designed, constructed, and maintained in accordance with SBCFPD Standard A-1, A-2, A-3, and the 2022 California Fire Code section 503.
- 12) Fire apparatus access roads shall be provided around the perimeter at the property lines.
- 13) Fire protection from a public water supply shall provide a minimum fire flow of 1500 GPM @ 20 psi for not less than a 2-hour duration. At least one hydrant shall be installed at each entrance to the property from a public way.
- 14) Fire protection from a private water storage tank may be installed where a public water supply is not adequate to meet fire flow requirements. Volume and duration of the required fire flow shall be determined by the currently adopted edition of NFPA 1142.
- 15) Smoking may be permitted in designated areas. These areas shall be designated by an approved: "SMOKING AREA" sign. "NO SMOKING" and "NO OPEN FLAME" signs shall be posted in plain sight.
- 16) Flammable and combustible fuels for use in vehicles shall be stored in approved underground or approved aboveground vaulted tanks. These tanks shall be inspected and approved under a separate permit from the Fire Department.
- 17) Portable fire extinguishers with a minimum rating of 4-A:60-BC shall be provided on all vehicles and equipment operating on site and at all processing equipment.
- 18) If fire suppression activities are required, the business owner will be responsible for any and all costs that may occur for fire suppression efforts.