



**SAN BERNARDINO COUNTY FIRE DEPARTMENT
COMMUNITY SAFETY DIVISION**

620 South 'E' Street
San Bernardino, CA 92415-0179
(909) 386-8400

Standard Number

G-2

Revision Date:
3-22-16

**FIRE PREVENTION STANDARD
OUTSIDE FIREWOOD STORAGE AND LOGGING YARDS**

AUTHORITY

Sections 102.9, 103 and 104.1 of the 2013 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 508 of the 2013 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 organic products that may create a fire hazard in their natural or processed state when stored in bulk piles.

SCOPE

This standard applies to the indoor or outdoor bulk storage of miscellaneous organic products, such as yard or tree trimmings, manure, organic compost, wood chips, peat moss, sawdust, or any other piled finely divided materials that can accumulate heat and present a spontaneous combustion hazard.

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

For new facilities, the owner shall provide a plot plan containing the following information:

- 1) Fire apparatus access roads
- 2) The locations of permanent structures, log decks or firewood stacks, and any other combustibles
- 3) Location of all water sources.
- 4) Location of all other hazards (i.e., flammable, combustible, or LPG tanks).



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GENERAL

- 1) 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. (1 cord = 128 cubic feet)
- 2) The outdoor storage of firewood shall not exceed sixty (60) cords of wood unless approved by the fire code official.
- 3) Stacks shall be separated from property lines and other stacks by a distance of no less than one-half the height of the stack and in no case less than ten (10) feet. In the FS (Fire Safety) overlay, all areas used for the storage of firewood shall either be at least thirty (30) feet away from all structures or shall be wholly enclosed within a structure.
- 4) Wood in rounds and logs shall not be stored for longer than ninety (90) days.
- 5) Wood stacks shall be covered with tarps to prevent accumulation of leaves, needles, debris and sparks.
- 6) Storage yards shall be kept clean and free of excessive bark, wood chips, sawdust, and wood scraps.
- 7) Pressurized water type extinguishers, with a minimum 2 ½ gallon capacity, or dry chemical type fire extinguishers with a minimum 2A-10BC rating shall be maintained on site in locations as determined by the fire code official.

FIRE ACCESS ROADS

If any portion of the operation is greater than one hundred fifty feet (150) feet from a public street, onsite fire access roads approved by the fire code official that comply with SBCFD Standard A-1 shall be required and shall provide reasonable access to all parts of the property, storage stacks, and structures.

WATER SUPPLY

- 1) An approved water supply for fire protection shall be provided in accordance with SBCFD standard W-2, from hydrant(s) served by a water purveyor with a minimum fire flow of 1,500 gallons per minute (GPM) at a minimum residual operating pressure of twenty pounds per square inch (20 P.S.I.) for a minimum duration of two (2) hours, unless an alternate water storage and distribution is approved by the fire code official.



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- 2) When yards are not served by a water purveyor, an approved water supply shall be provided in accordance with SBCFD standard W-1 and NFPA 1142.
- 3) Fire hydrants shall be provided along fire access roads in locations acceptable to the Fire Code Official.

LOGGING AND HARVESTING OPERATIONS

All logging and timber harvesting shall be reviewed and approved by the San Bernardino County Fire Department prior to beginning operations. If required, a plan recommending measures for fire apparatus access, fire protection, and fuel management shall be submitted the Fire Department for approval by a registered forester.