



Sacramento Metropolitan Fire District

Community Risk Reduction Division

www.metrofire.ca.gov

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COMBUSTIBLE FIBERS CHECKLIST

California Fire Code Chapter 52

Scope

An operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 ft³.

Conditions:

- Ashes, waste, rubbish or sweepings are not placed in wood or other combustible receptacles and is removed daily from the structure. (CFC 5203.1)
- Grass or weeds is not accumulated on the premises. (CFC 5203.2)
- 3 feet clearance is maintained between automatic sprinklers and top of piles. (CFC 5203.3)
- Hay, straw, seed, cotton or similar agricultural product storage piles are separated from structures and other combustible materials by distance equal to pile height. (CFC 5203.4)
- Hay, straw, seed, cotton or similar agricultural product stacks are no more than 100 tons and separated from other stacks by 20 feet. (5203.4)
- Equipment or machinery that generates or emits combustible fiber is provided with an approved dust collection system. (CFC 5203.5)
- 4A:80B:C rated fire extinguisher(s) is provided and travel distance does not exceed 50-feet. (CFC 5203.4 and CFC 906)

Loose Fiber Storage

- Loose combustible fibers, not in suitable bales or packages are not stored within 100 feet of any structure. (CFC 5204.1)
- Loose combustible fibers less than 100 ft³ are stored in metal or metal-lined bin with self-closing cover. (CFC 5204.2)
- 1 hour rated construction and 45 minute self-closing door(s) is provided and maintained at storage of loose combustible fibers 100 ft³ to 500 ft³. (CFC 5204.3)

- 2 hour rated construction and 90 minute self-closing door(s) is provided and maintained at storage of loose combustible fibers 500 ft³ or more. (CFC 5204.4)
- Fire suppression system is installed, tested and maintained at loose combustible fiber storage 1,000 ft³ or more. (CFC 5204.5)
- No more than 2,500 ft³ of loose combustible fiber is stored in detached storage structure. (CFC 5204.6)

Baled Stored

- Baled combustible fibers are in single blocks or piles not more than 25,000 ft³. (CFC 5205.1)
- Blocks or piles of baled fiber are separated from adjacent storage by aisles not less than 5 feet or noncombustible barriers extending from the floor to 1 foot above the highest point of the poles and not less than 1 foot beyond the sides of the piles. (CFC 5205.1)
- Sisal and other fibers in bales bound with combustible tie ropes, jute and other fibers that swell when wet are stored to allow for expansion. (CFC 5205.2)
- Minimum 3 feet clearance is provided between walls and sides of piles. In compartments less than 30 feet wide, 1 foot clearance and 5 foot aisle is provided. (CFC 5205.2)

Additional Requirements may apply