

Seattle Fire Department

Permit Conditions

2801

Site Address: _____

Inspector: _____

Combustible Fiber Storage

NOTICE

This permit shall be kept on the premises designated herein at all times and shall be readily available for inspection by the fire code official. (SFC 105.3.5)

1. Combustible fibers not in suitable bales or packages (i.e. loose fibers) whether housed or in the open, shall not be stored within 100 feet of any structure except when stored in accordance with the following: (SFC 3704.2, 3704.3, 3704.4 and 3704.5)

Amount of Material (cubic feet)	Method of Storage
0-100 cubic feet	In metal or metal-lined bin equipped with self-closing lid
More than 100-500 cubic feet	In a room enclosed with 1-hour fire-resistance-rated fire barriers, with openings protected by an approved opening protective assembly having a fire protection rating of ¾ hour.
More than 500-1,000 cubic feet	In a room enclosed with 2-hour fire-resistance-rated fire barriers, with openings protected by an approved opening protective assembly having a fire protection rating of 1-1/2 hours.
More than 1,000 cubic feet	Shall be stored in rooms enclosed with 2-hour fire-resistance-rated fire barriers, with opening protected by an opening protective assembly having a fire protection rating of 1 ½ hours and shall be protected by an automatic sprinkler system.

2. A single block or pile of baled fiber shall not contain more than 25,000 cubic feet of fiber exclusive of aisles or clearances. (SFC 3705.1)
3. Blocks or piles of baled fiber shall be separated from adjacent storage by aisles not less than 5 feet wide, or by flash-fire barriers consisting of continuous sheets of noncombustible material extending from floor to a height of at least one foot above the highest point of piles and protecting at least one foot beyond the sides of the piles. (SFC 3705.1)
4. A clearance of not less than 3 feet shall be maintained between sprinkler heads and the tops of piles. (SFC 3703.3)
5. Hay, straw, *seed cotton* or similar agricultural products shall not be stored adjacent to structures or combustible materials unless a clear horizontal distance equal to the height of a pile is maintained between such storage and structures or combustible materials. Storage shall be limited to stacks of 100 tons (91 metric tons) each. Stacks shall be separated by not less than 20 feet (6096 mm) of clear space. Quantities of hay, straw, seed cotton and other agricultural products shall not be limited where stored in or near farm structures located outside closely built areas. (SFC 3703.4)
6. Equipment or machinery within a building which generates or emits combustible fibers shall be provided with an approved dust-collecting and exhaust system. (SFC 3703.5)

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7. "NO SMOKING" signs shall be conspicuously posted in storage areas. Signs shall be made of a durable material with lettering on a contrasting background. Letters shall be not less than 3-inches in height and 1/2-inch in stroke. (SFC 3703.7.1)
8. At least one portable fire extinguisher having a minimum rating of 2A 40B shall be provided a maximum travel distance of 75 feet. (SFC 906)