

**CHAPTER 19
LUMBER YARDS AND WOOD WASTE MATERIALS**

**SECTION FC 1901
GENERAL**

1901.1 Scope. This chapter shall govern the manufacture, storage and handling of lumber, wood products and wood waste material.

1901.2 Permit. Permits shall be required as set forth in FC105.6.

1901.3 General. Lumber and wood waste materials shall be stored and handled in accordance with this chapter. Facilities used for such purposes shall be designed, installed, operated and maintained in accordance with this chapter.

1901.4 Manufacturing prohibited. The manufacture of lumber, including plywood and other manufactured wood sheets, from trees and other natural wood materials, is prohibited, except as approved by the commissioner.

**SECTION FC 1902
DEFINITIONS**

1902.1 Terms defined in FC Chapter 2. Terms used in this chapter, for the purposes of this chapter and as used elsewhere in this code, have the meanings shown in FC Chapter 2 or elsewhere in this code.

**SECTION FC 1903
GENERAL REQUIREMENTS**

1903.1 Open yards. Open yards required by the construction codes, including the Building Code, shall be maintained around structures.

1903.2 Reserved.

1903.3 Reserved.

1903.4 Reserved.

1903.5 Control of ignition sources. Sources of ignition shall be controlled or protected in accordance with FC Chapter 3 and FC 1903.5.1 and 1903.5.3.

1903.5.1 Hot work. Hot work shall comply with the requirements of FC Chapter 26.

1903.5.2 Reserved.

1903.5.3 Smoking. It shall be unlawful to smoke in a lumber yard or wood waste material facility.

**SECTION FC 1904
THROUGH AND INCLUDING
SECTION 1907
RESERVED**

**SECTION FC 1908
OUTDOOR STORAGE OF WOOD CHIPS AND OTHER WOOD WASTE MATERIALS**

1908.1 General. Wood chips and other wood waste materials shall be stored and handled in accordance with this section.

1908.2 Storage areas. Storage areas shall be level and on solid ground or other all-weather surface. Storage areas shall be thoroughly cleaned before transferring wood products to the area.

1908.3 Size of piles. Piles shall not exceed 25 feet (7620 mm) in height, 150 feet (45 720 mm) in width and 250 feet (76 200 mm) in length.

Exception: The commissioner may authorize increased pile sizes provided that adequate fire safety is ensured by installing additional fire protection in accordance with FC Chapter 9 and the construction codes, including the Building Code. The increase shall be based upon the capabilities of the system installed.

1908.4 Pile separation. Piles shall be separated from adjacent piles by approved fire apparatus access roads.

1908.5 Combustible waste. The storage of wood chips or other wood waste materials, the accumulation and handling of combustible materials, the control of vegetation and the disposal of combustible waste shall comply with the requirements of FC Chapter 3.

1908.6 Pile protection. Piles of wood chips or other wood waste materials shall be monitored by an approved means to measure internal temperatures within the piles. Internal pile temperatures shall be measured and recorded weekly.

1908.7 Reserved.

1908.8 Fire protection. The commissioner may require that a yard hydrant system and/or monitor nozzles connected to a fixed water supply be installed upon the premises where the facility arrangement, pile arrangement, pile heights, number of piles or total volume of piles would hamper the effectiveness of hose streams to control or extinguish a fire. Portable fire extinguishers in compliance with the requirements of FC906 and with a minimum rating of 4-A:60-B:C shall be readily available throughout the premises.

1908.9 Material-handling equipment. Approved material-handling equipment shall be available for moving wood chips and other wood waste materials during firefighting operations.

SECTION FC 1909
OUTDOOR STORAGE OF FINISHED LUMBER PRODUCTS

1909.1 General. Finished lumber products shall be stored in accordance with this section.

1909.2 Size of piles. Outdoor lumber storage shall be arranged to form stable piles with a maximum height of 20 feet (6096 mm). Piles shall not exceed 150,000 cubic feet (4248 m³) in volume.

1909.3 Fire apparatus access roads. Fire apparatus access roads in accordance with FC503 and the construction codes, including the Building Code, shall be located so that a maximum grid system unit of 50 feet by 150 feet (15 240 mm by 45 720 mm) is established.

1909.4 Security. Permanent outdoor lumber storage areas shall be surrounded with an approved fence. Fences shall be a minimum of 6 feet (1829 mm) in height.

1909.5 Fire protection. The commissioner may require that the yard hydrant system specified in FC508.2.3 to include monitor nozzles connected to the fixed water supply where the facility arrangement, pile arrangement, pile heights, number of piles or total volume of piles would hamper the effectiveness of hose streams to control or extinguish a fire. Portable fire extinguishers shall be provided in accordance with FC906 for extra-high hazards and located so that the travel distance to the nearest portable fire extinguisher does not exceed 75 feet (22 860 mm).