In addition to the requirements of Section 903 of the California Fire Code, an automatic fire extinguishing system shall be installed in the occupancies and locations as set forth below:

903.2 Where required. An approved automatic fire sprinkler system shall be installed:

1. Throughout all new buildings that are not exempt by Senate Bill 1069

   Exceptions:
   1. Buildings containing Groups B and M occupancies where floor area is not more than 500 square feet (46.45 m²) and located not less than 10 feet from adjacent buildings on the same property and not less than 5 feet from adjacent property lines.
   2. Buildings containing Group U occupancies where floor area is less than 1,000 square feet (92.9 m²) and located not less than 10 feet from adjacent buildings on the same property and not less than 5 feet from adjacent property lines, unless part of a mixed-occupancy building containing a Group R, Division 3 occupancy.
   3. Group U occupancy buildings that are open on at least three sides and not greater than 3,000 square feet.

2. Throughout an existing building other than a Group R, Division 3 occupancy or a U occupancy when accessory to a Group R, Division 3 occupancy whenever additions exceed ten (10) percent of the total floor area of the existing building and the total combined floor area will exceed 2,000 square feet (185.8 m²), or a second story or greater is added.

3. Throughout an existing Group R, Division 3 occupancy or Group U occupancy when accessory to a Group R, Division 3 occupancy whenever additions exceed ten (10) percent of the total floor area of the existing building and the total combined floor area will exceed 3,000 square feet.

   Exceptions:
   1. Group R, Division 3 occupancies where the total combined floor area will not exceed 3,000 square feet (278.7 m²).
   2. Group B and M occupancies whenever single or multiple additions will not exceed 1,000 square feet (92.9 m²) beyond the size of the structure on the effective date of this regulation or the total combined floor area will not exceed 5,000 square feet (464.5 m²), provided a second story or greater is not added.

903.2.1 When occupancy change increases fire risk or hazard. An automatic sprinkler system shall be provided for Group A, B, E, F, M and S occupancies where one of the following conditions exist in existing buildings when modification or tenant improvements are being considered:

1. The fire area exceeds 5,000 sq. ft. (464 m²).
2. The fire area has an occupant load of 100 or more.
3. The fire area is located on the floor other than a level of exit discharge serving A, B, E, F, M and S occupancies.

4. The structure exceeds 5,000 sq. ft. (464 m²), contains more than one fire area containing A, B, E, F, M and S occupancies and is separated into two or more buildings by firewalls of less than four-hour fire resistance rating without openings.

**Exceptions:**

1. In A-5, F-1 and S-1 the CFC requirements will apply as follows: An automatic sprinkler system shall be provided for Group A-5 Occupancies in the following areas: concession stands, retail areas, press boxes and other accessory use areas in excess of 1,000 square feet (90 m²). (CFC 903.2.1.5)

2. A Group F-1 Occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²). (CFC 903.2.4.4)

3. Woodworking Operations. An automatic sprinkler system shall be provided throughout all Group F-1 occupancy fire areas that contain wood-working operations in excess of 2,500 square feet in area which generate finely divided combustible waste or which use finely divided combustible materials. A firewall of less than four hour fire-resistance rating without openings, or any firewall with openings, shall not be used to establish separate fire areas. (CFC 903.2.4.1)

4. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²). (CFC 903.2.9.5)

5. Any commercial occupancy, A, B, E, F, M, and S that is partially converted to an R occupancy within the same building.

**903.2.2. Additions to existing buildings equipped with an automatic fire sprinkler system.** For the purpose of requiring the automatic fire sprinkler systems specified in this chapter, the floor area within the surrounding exterior walls shall be considered as one building.

**903.2.3. Telecommunication buildings.** An automatic fire sprinkler system need not be installed in spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic fire alarm system and are separated from the remainder of the building by fire barriers consisting of not less than 1-hour fire-resistance-rated walls and 2-hour fire-resistance-rated floor/ceiling assemblies.

   (l) Add Sections 904.11.4.2 through 904.11.4.3 to read as follows:

**904.11.4.2 Wood or wood product fueled cooking.** All commercial-type cooking equipment using wood or wood products as fuel shall be protected by an automatic sprinkler system within the hood and the duct work. The water supply may be provided from the building’s fire sprinkler system, or the domestic water supply. The minimum water flow calculation shall be 18 gallons per minute (69 lpm) at 7 psi for each head. There shall be a separate control valve for the fire sprinkler system protecting the commercial-type cooking equipment.