

## Redondo Beach Fire Department

### Chapter 9 – Automatic Fire Sprinkler Systems

**\*Note: The City of Redondo Beach’s fire sprinkler ordinance has been in effect since July 1992, and has been recorded with the State of California, Building Standards Commission.**

For purposes of clarification, the fire sprinkler requirements apply to those buildings undergoing remodel / tenant improvements under the following conditions:

1. *Additions exceeding 750 square feet.*
2. *Addition of a second floor or room above ground level.*
3. *Additions where combined area on all floors and mezzanines exceed 750 square feet.*
4. *Change of occupancy classification to an assembly use occupancy (A-1 through A-5 classification, CFC 2010), or classification change of any other occupancy exceeding 750 square feet.*

Section 3-4.111, of Article1, Chapter 4, Title 3 of the Redondo Beach Municipal Code is hereby amended to read as follows:

“Sec 3-4.111 Fire extinguishing systems. Section 903 of Chapter 9 of the California Fire Code is hereby amended as follows:

Section 903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for Group A-1 occupancies.

Section 903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for Group A-2 occupancies.

Section 903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies.

Section 903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for Group A-4 occupancies.

Section 903.2.1.5 Group A-5. 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 750 square feet.

Section 903.2.1.2 Group B. An automatic sprinkler system shall be provided throughout buildings containing a Group B occupancy where one of the following conditions exists:

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1. Where a Group B fire area exceeds 750 square feet;
2. Where a Group B fire area is located more than one story above grade plane; or
3. Where the combined area of all fire areas on all floors, including any mezzanines, exceeds 750 square feet.

Section 903.2.3 Group E. Except as provided for in Sections 903.2.3.1 for a new public school campus and 907.2.3.7 (fire alarm and detection) for modernization of an existing public school campus building(s), an automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas when greater than 750 square feet in area, or located more than one story above grade plane, or where the combined area of all fire areas on all floors, including any mezzanines, exceed 750 square feet.
2. Throughout every portion of educational buildings below the level of exit discharge.
3. In rooms or areas with special hazards such as laboratories, vocational shops and other such areas where hazardous materials in exempt amounts are used or stored.

Section 903.2.4 Group F-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group F occupancy where one of the following conditions exists:

1. Where a Group F fire area exceeds 750 square feet;
2. Where a Group F fire area is located more than one story above grade plane; or
3. Where the combined area of all fire areas on all floors, including any mezzanines, exceeds 750 square feet.

Section 903.2.4.1 Woodworking operations. An automatic sprinkler system shall be provided throughout all Group F occupancy fire areas that contain woodworking operations in excess of 750 square feet in area which generate finely divided combustible waste or use finely divided combustible materials.

Section 903.2.6 Group I. An automatic sprinkler system shall be provided throughout buildings with a Group I fire area. An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group I-1.

Section 903.2.7 Group M. An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. Where a Group M fire area exceeds 750 square feet;
2. Where a Group M fire area is located more than one story above grade plane; or
3. Where the combined area of all fire areas on all floors, including any mezzanines, exceeds 750 square feet.

Section 903.2.8 Group R and Group U. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R and/or Group U fire area.

Exceptions:

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1. Detached Group R-3 and/or Group U accessory buildings not exceeding 750 square feet. An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group R-4.

Section 903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S occupancy where one of the following conditions exists:

1. A Group S fire area exceeds 750 square feet;
2. A Group S fire area is located more than one story above grade plane; or
3. The combined area of all fire areas on all floors, including any mezzanines, exceeds 750 square feet.

Section 903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406, as shown:

1. Buildings with a fire area containing a repair garage exceeding 750 square feet.
2. Buildings with a repair garage servicing vehicles parked in the basement.

Section 903.2.9.2 Bulk storage of tires. Buildings and structures for the storage of tires shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

Section 903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 or where located beneath other groups.

Section 903.2.18 Existing buildings of all occupancies. In existing buildings, an automatic sprinkler system shall be required throughout the entire building whenever more than a 750 square feet addition and/or an additional story is added to the existing building.

Section 903.3.1.3 NFPA 13D sprinkler systems. Where allowed, automatic sprinkler systems in one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with a separate means of egress shall be installed throughout in accordance with NFPA 13D.”