

CHAPTER 1306

DEPARTMENT OF ADMINISTRATION

MINNESOTA STATE BUILDING CODE

SPECIAL FIRE PROTECTION SYSTEMS

1306.0100 SPECIAL FIRE PROTECTION SYSTEMS
(OPTIONAL).

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Subpart 1. General. This part authorizes optional provisions for the installation of on-premises fire suppression systems in new buildings, buildings increased in floor area, and buildings which have the occupancy classification changed.

Subp. 2. Municipal option. The sprinkler system requirements in subpart 3 may be adopted with the selection of either item "8" or item "8a" based on local fire suppression capabilities, but without further change by a municipality which has adopted the code. When adopted, the requirements are applicable throughout the municipality for new buildings, buildings increased in floor area, and buildings which will have the occupancy classification changed.

Subp. 3. Requirements. Automatic sprinkler systems must be installed and maintained in operable condition in buildings in the occupancy classifications listed in items 1 through 11. For purposes of this chapter, area separation walls do not establish separate buildings. The square footage requirements stated in the following items establish the threshold where the provisions apply; in the case of mixed occupancies the threshold number of the most restrictive occupancy applies to the entire building, except for minor additions that do not increase the occupant load or significantly increase the fire load.

1. Group A-1 occupancies.
2. Group A-2 occupancies with an occupant load of 300 or more.
3. Group A-2.1 occupancies.
4. Group A-3 occupancies with an accumulative occupant load of 300 or more.
5. Group S-3 service stations with 3,000 or more gross square feet of floor area, not including canopies.
6. Group S-3 parking garages with 5,000 or more gross square feet of floor area.
7. Group B offices and postsecondary classrooms with 8,500 or more gross feet of floor area or three or more stories in height.
8. Group M mercantile, S storage, or F factory occupancies with 2,000 or more gross square feet of floor area or three or more stories in height.
- 8a. Group M mercantile, S storage, or F factory occupancies with 5,000 or more gross square feet of floor area or three or more stories in height.
9. Group E-1 and E-2 occupancies with 8,500 or more gross square feet of floor area or two or more stories in height.
10. Group E-3 occupancies with an occupant load of 30 or more.
11. Group R-1 apartment houses, hotels, and motels with 8,500 or more gross square feet of floor area or with dwelling units or guest rooms on three or more floors.

Subp. 4. Standard. Automatic sprinkler systems must comply with the applicable standard referenced in UBC Section 904. When a public water supply is not available, an alternate on-site source of water supply which meets with the approval of the building official and fire chief shall be provided.

Subp. 5. Substitute construction. The installation of an automatic sprinkler system as required by this chapter does not preclude the substitution of one-hour fire-resistive construction as permitted in UBC Section 508.

Statutory Authority: *MS s 16B.61*

History: *19 SR 1340*