



South Carolina Department of Labor, Licensing and Regulation
South Carolina Building Codes Council
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Request for Statewide Code Modification

Jurisdiction or Organization: City of Charleston – Charleston Fire Department

Representative: Mike Julazadeh **Title:** Chief Fire Marshal

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Signature: *Michael A. Julazadeh* **Date:** 5/30/2018

Code: International Building Code **Edition:** 2018 **Section:** 903.2.9

Check One: Delete and substitute the following [] Delete without substitution [] Add the following [] Modify the following
 Type or print proposed modification. Use additional pages if necessary. Underline new language. ~~Line through Deleted Language.~~

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

1. A Group S-1 fire area exceeds 12,000 square feet (1115 m2).
2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m2).
4. A Group S-1 fire area used for the storage of commercial motor vehicles where the fire area exceeds 5,000 square feet (464 m2).
5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses where the fire area exceeds 2,500 square feet (232 m2).

Exception. This section, when acceptable to the fire code official, does not apply to self-storage type facilities that are single story, fire areas are less than 12,000 square feet, and the building is only accessible from exterior entry points and is not provided with interior hallways, spaces, or corridors.

Reason: Unusually Restrictive [] Impractical [] Threat to Human Injury or Life Safety
 Type or print the reason for the proposed modification. Use additional pages if necessary.

A similar code section was modified in the previous edition of the IBC, but it was only modified in the IBC and the code language originated in the IFC, which was not modified, creating a disparity between the two documents. This proposal seeks to apply changes to both the IBC and IFC to remove any conflict between the documents and further clarifies the scope with the addition of the exception.

The exception provides the Fire Code Official with the ability to assess the potential impact and hazards that may be presented to fire suppression crews from a “typical” single-story, self-serve style storage facility, <12,000 square feet, that do not contain interior corridors or access points.