



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 Fire Code **Edition:** 2018 **Section:** 507.5.1

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.~~

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than ~~400~~ 500-feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on site fire hydrants and mains shall be provided where required by the fire code official.

Location. The location and number of hydrants shall be designated by the fire official, but in no case, shall distance between installed fire hydrants exceed 1000 feet (305 m). Fire hydrants shall be located within 500 feet (152 m) of all fire fighter access points when measured along the normal routes of fire department vehicle access which conforms to the requirements of section 503. No point of the exterior of a building shall be located more than 500 feet (152 m) from a hydrant accessible to fire department vehicles as provided in section 503.

Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirements shall be 600 feet (183m).
2. For buildings equipped with an automatic sprinkler system installed in accordance with Section 903.1.1.1 or 903.3.1.2 the distance requirement shall be 600 feet (183m).

Reason: Unusually Restrictive Impractical Threat to Human Injury or Life Safety

A previous modification for hydrant spacing merged multiple sections of the code and caused confusion between IFC 507.1 and 507.5.1. This modification attempts to remove some of the confusion, return to the numbering in the base code, and place the modifications within the appropriate sections while providing clear direction.