

# GG331-14

## A107.5.3

**THIS CODE CHANGE PROPOSAL IS ON THE AGENDA OF THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE. SEE THE HEARING ORDER FOR THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE.**

**Proponent:** Richard Miller, representing FLSS IAFC (rmiller@iafc.org)

**Revise as follows:**

**A107.5.3 Quality of water used for automatic fire suppression sprinkler system.** The required quality and treatment of the nonpotable water stored and used for automatic fire suppression sprinkler system shall be ~~determined by authority(s) having jurisdiction in accordance with the *International Fire Code*~~.

**Reason:** This section should be consistent with A107.5 for fire sprinkler systems elective. Having "suppression" in A107.5.3 adds in another type of system that the charging language in A107.5 doesn't provide for. The term "automatic fire sprinkler system" is also a defined term in the IBC/IFC.

As "determined by authority(s) having jurisdiction" is subjective and has the potential of non-uniform enforcement. While there are several ways to treat water, the water for automatic fire sprinklers systems must be treated in a way to be non-detrimental to the fire sprinkler system and as an agent.

The reference to the IFC is consistent with other sections of Appendix A. The IFC would require the sprinkler system to be installed according to NFPA 13. NFPA 13, Section 24.2.1 (below) has criteria in place for how treated water is reused in the sprinkler system. \*A source of recycled or reclaimed water where the building owner (or their agent) has analyzed the source of the water and the treatment process (if any) that the water undergoes before being made available to the sprinkler system and determined that any materials, chemicals, or contaminants in the water will not be detrimental to the components of the sprinkler system it comes in contact with.

This proposal is approved by the Fire-CAC, but not reviewed by the SEHPCAC.

**Cost Impact:** Will not increase the cost of construction.

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