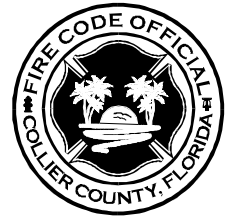


Collier County Fire Prevention and Protection Code POLICY AND PROCEDURE MANUAL



ARTICLE NUMBER: FSK 06-2

EFFECTIVE DATE: October 1, 2006

SUBJECT: Sprinkler protection and acceptance testing for sprinklers supplied by domestic water in buildings not fully sprinklered

OBJECTIVE: To provide clarification of acceptance of sprinklers supplied by domestic water

BACKGROUND:

Collier County has required hydraulic calculations for sprinklers provided on a domestic water supply. This may not be fully practical due to the age of some buildings and lack of documentation of the plumbing piping sizes and locations. Therefore, a provision is being made to allow field testing of the adequacy of the water and pressure supplied to the heads.

POLICY/PROCEDURE:

Sprinklers supplied by domestic water supply shall be required to meet the requirements of FFPC 101 9.7.1.2. To determine the adequacy of the density and pressure one of two methods can be used. 1) Provide hydraulic calculations along with the plans and cut-sheets proving the system meets the minimum requirements of NFPA 13, or 2) Provide a function test requiring the discharge of water through the sprinkler heads into suitably sized containers for 60 seconds while providing for a residual pressure required for the heads. The water discharged will then be measured for compliance with the code.

CODE REFERENCES:

FFPC 2007 (NFPA 101: 9.7.1.2)

ATTACHMENTS:

None.

DISTRIBUTION: Big Corkscrew Island Fire District; East Naples Fire District; Golden Gate Fire District; Immokalee Fire District; Isle of Capri Fire District; North Naples Fire District; Ochopee Fire District; City of Marco Island Fire Department; Building Director, Collier County Community Development; Chief Inspectors, Collier County Community Development; Collier County Community Development Records; Collier Building Industry Association (CBIA); Subscribers

This policy was updated April 2009