



Collier County Fire Prevention and Protection Code

POLICY AND PROCEDURE MANUAL



ARTICLE NUMBER: FLO 09-1

EFFECTIVE DATE: 1/1/2009

SUBJECT: Fire Flow Test Requirements

OBJECTIVE: To Provide a Current Fire Flow Test Prior To Approval of a Construction Site Plan Approval or Fire Sprinkler System Permit

BACKGROUND: The 2006 edition of NFPA 1 Sections 13.5 and 18.3 require that an adequate water supply be available to protect all premises upon which facilities, buildings, or portions of buildings are constructed. Additionally the 2002 edition of NFPA 13 requires that all new fire sprinkler systems be designed by using the hydraulic design method which requires a current fire flow test.

POLICY/PROCEDURE:

Prior to development of new structures or fire protection systems, a fire flow test in accordance with NFPA 291 shall be performed by the fire district having jurisdiction. Such tests shall be completed no longer than six months prior to the submittal for permit. Calculations of the available fire flow at a minimum of 20 psi residual shall be provided with the planning submittal and with the hydraulic calculation package submitted for fire protection system permits. Fire flow test reports shall be submitted on the official letterhead of the fire district having jurisdiction.

Exception: Where a central water system is not available within 1000 feet of the subject property, alternate water supply as approved by the local AHJ shall be acceptable.

CODE REFERENCES: NFPA 1, 2006 Edition, NFPA 13, 2002 Edition

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