



Riverside Office: 2300 Market St., Ste. 150, Riverside, CA 92501 Ph. (951) 955-4777 Fax (951) 955-4886  
 Indio Office: 77-933 Las Montanas Rd, Ste. 201, Palm Desert, CA 92211 Ph. (760) 863-8886 Fax (760) 863-7072

## Information Bulletin

Date Issued:	July 13, 2006	Revision Date:	03/22/2010	IB #	06-02
Topic:	Fire Sprinkler Water-Flow Monitoring System				
Code Section:	2007 CFC, Sec. 901.6.1, 903.4.1, 903.4.2, & CBC 907.2; FP Std #06-03				
Author:	W. Brandes, AFM	Date:	Approved:	T. Hobday, FM	Date:
Sign:		Sign:			2/14/2007

The Riverside County Fire Department Fire Protection Planning Section (RCoFD FPPS) will apply the following requirements for the primary components of fire sprinkler system monitoring systems to meet the requirements of the 2007 California Fire Code (CFC), Sec. 901.6.1, 903.4.1, 903.4.2, 2007 California Building Code (CBC) Sec. 907.2, and Fire Prevention Standard #06-03.

1. Fire sprinkler monitoring system(s) shall be provided when required by CFC, Sec. 901.6.1 and 903.4.1 for the purposes of transmitting valve monitoring and water-flow alarm and trouble signals to an approved central station, remote station or proprietary monitoring station as defined by national standards (NFPA 72).
2. In accordance with CFC, Sec. 903.4.2, water-flow alarm shall be provided by an approved audible sprinkler flow-alarm on the exterior of the building in an approved location. (*Interior audible notification device is no longer required for new systems permitted under the 2007 CFC.*)
3. The single manual fire alarm box is no longer required per CSFM amendments to CBC, Sec. 907.2. CBC Sec 907.2, Exception 3 exempts the single fire alarm box for "Fire alarm systems dedicated to fire sprinkler monitoring only."
4. It is recommended that the building KNOX lock box should be provided with "tamper" monitoring in accordance with Fire Prevention Standard #06-03.
5. Duct detection is not required to be monitored by the fire sprinkler monitoring panel. (Ref. RCoFD IB #06-01) Where duct detection or other control/releasing type functions are present in a building and a fire alarm system is not required per the 2007 CFC or CBC, these features may voluntarily be interconnected to the fire sprinkler monitoring panel and transmit appropriate signals in accordance with NFPA 72 when the following documentation is provided at the time of plan review.
  - a. A letter shall be submitted from the owner or owner representative requesting and/or authorizing the voluntary monitoring of such functions/features and,
  - b. a notation shall be provided on the primary page of the alarm plans stating that the owner is voluntarily requesting and/or authorizing that additional features be interconnected to the fire sprinkler monitoring panel.

This bulletin is intended to clarify the basic components required for a sprinkler water-flow monitoring system only and is not inclusive of other technical design and installation requirements of NFPA 72 and California Electrical Code.

Questions regarding specific applications should be directed to RCoFD Fire Protection Planning staff.