



PREVENTION MANUAL

FIRE EXTINGUISHING SYSTEMS

**405.4 DISPOSITION OF WATERFLOW SIGNALS
FOR FIRE SPRINKLER SYSTEMS**

REVISED: AUGUST 2013

SCOPE

Waterflow signal activation and transmission times.

PURPOSE

The purpose of this policy is to outline the City of Fresno Fire Department's requirements related to the timing of the receipt, and retransmission of waterflow signals, from monitored fire sprinkler systems.

REQUIREMENTS

The maximum time lapse allowed for each phase of waterflow signals for supervised fire sprinkler systems shall be as follows:

- | | |
|--|-------------------|
| 1. Water Flow-Switch Activation
(Local Bell Will Ring @ Trip) | 90 seconds |
| 2. DACT* to DACR* Communication Sequence | 90 seconds |
| 3. Central Station Receipt to Fire Dispatch Notification
Water Flow | 90 seconds |

Based on these requirements, the total maximum time that may elapse from the opening of the inspector's test valve until the signal is received at fire department dispatch shall be:

WATERFLOW: 4 MINUTES, 30 SECONDS

*DACT = Digital Alarm Communicator Transmitter

*DACR = Digital Alarm Communicator Receiver