



## **FIRE PREVENTION MANUAL**

### **FIRE ALARM SYSTEMS**

#### **407.015 ADDITIONS TO EXISTING DEDICATED FUNCTION FIRE ALARM SYSTEMS**

**EFFECTIVE: SEPTEMBER 2016**

## **SCOPE**

This policy clarifies the Department's (FFD or Department) requirements for additions or changes in transmission technology to previously installed and approved existing dedicated function fire alarm systems (EDFFAS) used solely for fire sprinkler monitoring. These requirements apply to both required and voluntary systems

## **PURPOSE**

The purpose of this policy is to ensure that additions to previously installed and approved, existing dedicated function fire alarm systems used solely for fire sprinkler monitoring are in accordance with the *California Fire Code (CFC)* and *National Fire Protection Association (NFPA) 72*, National Fire Alarm and Signaling Code.

## **BACKGROUND**

As noted in the *CFC* the fire code official has the authority to formulate policies they deem necessary based upon local conditions related to fire alarm and fire sprinkler installations.

## **REQUIREMENTS**

Based upon the need for uniformity in application across the Department's diverse service delivery area, and after careful deliberation, the Department has determined the following:

1. All additions or changes in transmission technology to previously installed and approved existing dedicated function fire alarm systems used solely for fire sprinkler monitoring shall require the issuance of a fire alarm system permit from the Department.
2. Three plan sets (1/8 inch scale or larger) which show the location of where the addition to the EDFFAS is taking place are required. Only the detail sections (those portions showing the boundaries of the

location where the addition or change is taking place) are required to be in 1/8 inch in scale. The building footprint can be in a different, smaller scale to get the drawing to fit on a single plan sheet. The room with the EDFFAS system shall also have the room dimensions and ceiling heights included on the drawing. The remainder of the drawing, submittal booklets, and FD-29 form completion shall be prepared in accordance with *Fire Prevention Policy No. 405.012, Fire Alarm System Plan Specifications*.

3. If the building is not equipped with a fire sprinkler system, a smoke detector shall be installed above the panel in accordance with *NFPA 72*.
4. Where the previous EDFFAS installation did not have a smoke detector installed above the FACU, the Department requires the addition of a CSFM listed smoke detector to be installed above the FACU as a condition of the addition of equipment on a new permit.
5. This policy is only applicable to an addition or change in transmission technology to a previously installed and approved, existing dedicated function fire alarm system and the addition of a smoke detector above the EDFFAS FACU. Any other additions (i.e. annunciator, pull box, etc.) requires additional information, manufacturer information sheets, etc., up to a full fire alarm submittal.

## CROSS REFERENCES

*California Fire Code*

*NFPA 72*

National Fire Alarm and Signaling Code

*Fire Prevention Policy*

Section 405.012, Fire Alarm System Plan Specifications