



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

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CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	407.015 ADDITIONS TO EXISTING DEDICATED FUNCTION FIRE ALARM SYSTEMS	
STANDARD NUMBER: 407.015	EFFECTIVE DATE: October 26, 2022	REVISION DATE: October 26, 2022

PURPOSE

This policy has been established to provide direction to contractors/designers for additions to existing, previously approved, dedicated function fire alarm systems used solely for fire sprinkler system monitoring are in accordance with the California Fire Code (CFC) and National Fire Protection Association (NFPA) 72, National Fire Alarm and Signaling Code.

APPLICATION

This policy applies to all dedicated function fire alarm systems within the City of Coalinga, including required and voluntary systems.

OPERATIONAL POLICY

As noted in the latest edition of the CFC the Coalinga Fire Department (CFD or Department) is permitted to specify requirements for additions to existing, previously approved, dedicated function fire alarm systems used solely for fire sprinkler system monitoring.

OPERATIONAL GUIDELINE

Based upon the need for uniformity in application across the Department's service delivery area, the Department has determined that additions to dedicated function fire alarm systems used solely for fire sprinkler system monitoring must conform to the requirements noted below:

1. All additions or changes in transmission technology to existing, previously approved, dedicated function fire alarm systems require the issuance of a fire alarm system permit from the Department.
2. When the change of transmission technology is from existing telephone lines (POTS) the following is required:
 - a. Three (3) plan sets (1/8-inch scale or larger) which show the location where the addition to the existing, dedicated function fire alarm system (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 shown. The building footprint can be in a different, smaller scale to



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get the drawing to fit on a single plan sheet. The room with the EDFFAS system must have the room dimensions and ceiling heights included on the drawing. The remainder of the drawing, submittal booklets, and Fire Alarm Plan Submittal Checklist form, FPD-F-29, completion will be prepared in accordance with Fire Prevention Manual, Section 405.012, Fire Alarm System Plan Specifications.

- b. Where the previous EDFFAS installation did not have a smoke detector installed above the fire alarm control unit (FACU), the Department requires the addition of a California State Fire Marshal (CSFM) listed, system compatible smoke detector to be installed above the FACU as a condition of the addition of equipment on a new permit.
3. When the change of transmission technology is from an existing cellular transmitter (2/3G to 4G/4GLTE) the following is required:
 - a. All additions or changes in transmission technology to existing, previously approved, dedicated function fire alarm systems require the issuance of a fire alarm system permit from the Department.
 - b. The cellular transmitter replacement permit may be obtained using the City of Coalinga Accelerated Application System to Track Electronic Reviews (FAASTER) system. When given permit options, please select the "Fire Sprinkler Monitoring Equipment Installation" permit.
 - c. Where the previous EDFFAS installation did not have a smoke detector installed above the FACU, the Department requires the addition of a CSFM listed, system compatible smoke detector to be installed above the FACU as a condition of the new permit.
4. When an installation does not follow this policy, for example, a cellular transmitter replacement permit is obtained, but the existing system used telephone lines for signal transmission, the permit will be considered invalid, and violation penalties will be assessed as noted in the Coalinga Municipal Code (CMC). The permittee will then be required to follow the requirements previously noted in this policy.



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This policy is only applicable to an addition or change in transmission technology to a an existing, approved dedicated function fire alarm system. Any other additions (i.e., annunciator, pull box, etc.) requires additional information, manufacturer information sheets, etc., up to a full fire alarm submittal.

PROCESS

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INFORMATION

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DEFINITIONS

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CROSS REFERENCES

California Fire Code, Current edition.

NFPA 72, National Fire Alarm and Signaling Code, Current edition.

Coalinga Municipal Code, Curent Edition.