



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

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CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	407.001 FIRE ALARM (PARTIAL) SYSTEM	
STANDARD NUMBER: 407.001	EFFECTIVE DATE: October 26, 2022	REVISION DATE: October 26, 2022

PURPOSE

The purpose of this policy is to clarify the Coalinga Fire Department's (CFD or Department) requirements related to fire alarm system installations that are not required by the California Fire Code (CFC), California Building Code (CBC), or those which are provided as alternate, equivalent fire protection or other, non-compliant, approved installations of partial fire alarm systems.

APPLICATION

This policy applies to all buildings equipped with a partial fire alarm system within the Department's service area, including contract service areas.

OPERATIONAL POLICY

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OPERATIONAL GUIDELINE

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. Normal fire alarm plan submittal and permit requirements are necessary for all fire alarm system installations and alterations per applicable Department policy (See: Fire Prevention Manual, Section 401.012, Fire Alarm System Plan Specifications, for current requirements).
2. All components of voluntary, partial, alternate - equivalent (AE), or other non-compliant, approved fire alarm systems must be listed with the California State Fire Marshal (CSFM).
3. All wiring methods and materials must be in accordance with the currently adopted National Fire Protection Association (NFPA) Standard 72 and the currently adopted version of the California Electrical Code (CEC).



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4. Minimum design requirements include the following:
 - a. Where a partial system is installed, each compartment where fire alarm system equipment, devices or components are located is required to be in compliance with the currently adopted edition of NFPA 72.
 - b. Smoke and Heat Detection. Where provided, smoke and/or heat detectors are required to be installed in accordance with the listing manufacturer's installation standards and NFPA 72 spacing requirements as applicable.
 - c. Manual Pull Boxes. Where automatic detection is provided, at least one (1) manual pull box is required. The pull box must be located in an CFD approved location.
 - d. Notification Appliances. Where provided, notification appliances must be provided and located in the compartment per NFPA 72. Other approved locations may be permitted if the protected area is not normally occupied per NFPA 72.
 - e. Fire Sprinklered Buildings. Water flow switch activation of the fire alarm system is required. If there are multiple fire alarm control units (FACU), they must be interconnected, and one (1) is required to be designated as the master FACU in accordance with NFPA 72.
5. Partial fire alarm system plans must include the following plan notes:
 - a. This system is approved as "partial" only and is not in full compliance with NFPA 72.
 - b. This system does not comply with the Americans with Disabilities Act (ADA).
 - c. The installer must provide a permanent sign on the fire alarm control unit stating, "Partial coverage fire alarm system. Not in full compliance with NFPA 72." Required signage must be in accordance with Fire Prevention Manual, Section 402.016, Fire Department Required Signage.
6. The installer must provide the partial system letter of understanding (Fire Prevention Division FPD-F-26) signed by the system owner/lessee and the designer prior to issuance of the permit.



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PROCESS

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INFORMATION

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DEFINITIONS

Compartment: A space within a building enclosed on all sides with walls and/or doors.

CROSS REFERENCES

California Fire Code (CFC), Current edition
California Building Code (CBC), Current edition
California Electrical Code (CEC), Current edition
National Fire Protection Association (NFPA)
Standard 72, Current edition

Fire Prevention Manual

Section 401.012, Fire Alarm System Plan Specifications

Section 402.016, Fire Department Required Signage