



# COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

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CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	405.033 VALVE SUPERVISION	
STANDARD NUMBER: 405.033	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 the proper safeguarding of normally open fire sprinkler system control valves as required in the California Fire Code (CFC) and National Fire Protection Association Standard 13 (NFPA 13).

## ***APPLICATION***

This policy applies to all buildings equipped with a fire sprinkler system within the Department's service area, including contract service areas. These requirements apply to both required and voluntary fire sprinkler systems, as well as both new and existing fire sprinkler systems, regardless of installation date.

## ***OPERATIONAL POLICY***

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

1. Every normally open fire sprinkler system control valve must be supervised as required by the original installation requirements.
2. Every normally open fire sprinkler system control valve, regardless of required or provided electrical supervision, must also be secured by a chain and lock.
3. Keys to the locks supervising each control valve must be labeled indicating the locks served and must be placed in the fire sprinkler spare head box, or other approved location, as required by the Fire Marshal (or designee). Where a building is equipped with a fire pump or riser room, the keys must be placed in a fire department approved lock box, in an approved location. Knox box location requirements are outlined in Fire Prevention Manual, Section 402.009, Knox Box Locations.
4. In every case, the Fire Marshal (or designee) has the authority to require additional keys to be located in other approved locations. This determination shall be made at the sole discretion of the Fire Marshal (or designee).



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## ***OPERATIONAL GUIDELINE***

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## ***PROCESS***

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## ***INFORMATION***

As noted in the CFC, the fire code official has the authority to formulate policies they deem necessary based upon local conditions including the proper safeguarding of fire sprinkler system control valves.

The intent of this policy is to ensure the safety of the public and emergency responders by providing both mechanical and electrical (where required) means of fire sprinkler system control valve supervision. This dual means of supervision provides assurance that installed fire sprinkler system control valves will be open and that the fire sprinkler system is likely to perform as required under emergency conditions.

This policy reduces the chances of an unknown (or inadvertent) fire sprinkler system failure because of a closed fire sprinkler system control valve, where the supervisory alarm signal was not transmitted by a faulty dedicated function (or other) fire alarm system and provides a redundant means of preventing one of the main causes of fire sprinkler system failure.

## ***DEFINITIONS***

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## ***CROSS REFERENCES***

California Fire Code (CFC), Current edition National Fire Protection Standard (NFPA) 13 Fire Prevention Manual,  
Section 402.009, Knox Box Locations