



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

300 W. Elm Ave • Coalinga, CA 93210 • Phone (559) 935-1652 • Fax (559) 935-1638

CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	405.037 FIRE PUMPS AND ALTERNATE EQUIVALENT FIRE PROTECTION REQUEST	
STANDARD NUMBER: 405.037	EFFECTIVE DATE: October 26, 2022	REVISION DATE: October 26, 2022

PURPOSE

The purpose of this policy is to clarify the Fresno Fire Department's (FFD or Department) requirements related to the installation of fire pumps when a request for an alternate, equivalent means of fire protection has been requested.

APPLICATION

This policy applies to all buildings equipped with a fire pump within the Department's service area, including contract service areas. These requirements apply to both required and voluntary fire pump installations.

OPERATIONAL POLICY

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. Anytime a request for an alternate, equivalent means of fire protection is made, and the building requires the installation of a fire pump to meet the requirements of the California Building Code (CBC), California Fire Code (CFC), and/or National Fire Protection Association (NFPA) 13, the fire pump must be either:
 - a. A diesel-powered fire pump installed in accordance with the currently adopted edition of the CFC and NFPA 20, or;
 - b. An electrically powered fire pump installed in accordance with the current adopted edition of the CFC and NFPA 20, which is also provided with a secondary power source (i.e., standby generator, etc.).
 - c. All secondary power sources must have the requisite fuel/amp hour (AH) capacity and transfer switch size, to switch and power the fire pump. Where the power source is a standby generator or batteries, the power source must also be capable of supplying all of the other life safety and other code required systems.
2. This requirement extends to all requests for an alternate, equivalent means of fire protection, regardless of the element(s) affected by the request.



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

300 W. Elm Ave • Coalinga, CA 93210 • Phone (559) 935-1652 • Fax (559) 935-1638

CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	405.037 FIRE PUMPS AND ALTERNATE EQUIVALENT FIRE PROTECTION REQUEST	
STANDARD NUMBER: 405.037	EFFECTIVE DATE: October 26, 2022	REVISION DATE: October 26, 2022

OPERATIONAL GUIDELINE

This section intentionally left blank.

PROCESS

This section left intentionally blank.

INFORMATION

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 pump installations and requests for alternate, equivalent means of fire protection.

The Department has concluded that Pacific Gas and Electric (PG&E), the local utility provider, is a reliable source of power for fire pumps. However, when a building is requesting an alternate, equivalent means of fire protection for CBC or CFC requirements, it is both prudent and sound engineering practice for the authority to require additional factors of safety for the building, its occupants, and firefighters.

DEFINITIONS

This section left intentionally blank.

CROSS REFERENCES

California Building Code, Current edition

California Fire Code, Current edition

National Fire Protection Association (NFPA) 13

Automatic Sprinkler Systems (current edition with California amendments)

National Fire Protection Association (NFPA) 20

Standard for the Installation of Stationary Pumps for Fire Protection (current edition with California amendments)