



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

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CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	PRIVATE FIRE HYDRANT REPLACEMENT	
STANDARD NUMBER: 403.003c	EFFECTIVE DATE: March 15, 2022	REVISION DATE: March 15, 2022

PURPOSE

This policy has been established to provide direction for the replacement of private fire hydrants, as well as their associated valve assemblies.

APPLICATION

This policy applies to all fire hydrant replacements, for any reason, including, a defective hydrant base valve (the most common reason for replacement).

OPERATIONAL POLICY

As noted in the latest edition of the California Fire Code (CFC) the Coalinga Fire Department (CFD or Department) is permitted to specify the requirements for the replacement of all fire hydrants.

OPERATIONAL GUIDELINE

Based upon the need for uniformity in application across the Department's diverse service delivery area, the Department has determined that when a is replaced for any reason, the following requirements must be met:

1. Prior to commencing work, a fire hydrant replacement installation plan must be submitted to CFD or the City of Coalinga Planning and Development Department (COC P&D) for review and approval.
2. Submitted fire hydrant replacement plans are required to note the location and number of fire hydrants to be replaced, the proposed location of the fire hydrant lateral gate valve, and the submittal must also include all manufacturers information sheets to determine adequacy and compliance with code and this policy.
3. Once a permit has been obtained from either CFD or COC P&D, the entire fire hydrant assembly, including the previously installed fire hydrant base valve, must be replaced.



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4. A new fire hydrant lateral gate valve must be installed in a traffic rated box, with traffic rated lid ahead of the fire hydrant. Gate valves must be located within twenty feet (20') of the fire hydrant unless approved by the Fire Marshal (or designee). Fire hydrant or other isolation gate valves are not permitted to be installed within parking spaces or loading zones.
5. Where it is necessary to place a fire hydrant or other isolation valve in a landscaped area, the valve box must be set in a twelve inch by twelve inch (12" X 12") or larger working pad, with the top of the pad at landscape grade.
6. The new fire hydrant must be of an approved size and type, either a wet barrel or the current top nut operated dry barrel type specified by the City of Coalinga Water Division with the valve seat in the bury.
7. At no time will an existing, defective base valve be permitted to be abandoned in place.
8. All replaced fire hydrants must be in accordance with this policy prior to requesting a final inspection.

An economic condition is not considered a valid basis for a request to modify the installation requirements noted above.

PROCESS

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INFORMATION

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DEFINITIONS

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CROSS REFERENCES

City of Coalinga Department of Public Works Standard Drawings

California Fire Code, Current edition.