



COALINGA FIRE DEPARTMENT

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CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	405.040 FLEXIBLE SPRINKLER HOSES AND FITTINGS	
STANDARD NUMBER: 405.040	EFFECTIVE DATE: October 26, 2022	REVISION DATE: October 26, 2022

PURPOSE

This policy has been established to provide direction to contractors/designers for the design, use and installation of flexible sprinkler hoses and fittings for all fire sprinkler systems.

APPLICATION

This policy applies to all fire sprinkler system installations, including required and voluntary systems.

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 requirements for the design, use and installation of flexible sprinkler hoses and fittings for all fire sprinkler systems.

OPERATIONAL GUIDELINE

Based upon the need for uniformity in application across the Department's service delivery area, the Department has determined that when contractors/designers intend to design, use, and install flexible sprinkler hoses and fittings in fire sprinkler systems, they must follow the requirements noted below:

1. Prior to the installation of any flexible sprinkler hoses and fittings, a permit for their installation must be obtained from CFD. Contractors/designers are prohibited from using the "Under 20 head TI" permit process for the installation of any flexible sprinkler hoses and fittings. Each proposed installation using flexible hoses and fittings must be accompanied by plans and hydraulic calculations in accordance with the CFC and National Fire Protection Association 13, Standard for the Installation of Sprinkler Systems (NFPA 13), prior to commencing work.
2. When contractors/designers submit plans to CFD for the installation of flexible sprinkler hoses and fittings, the following items must be noted on the plans:
 - a. The flexible hose make;
 - b. The flexible hose model number;
 - c. The flexible hose length;



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- d. The flexible hose outlet style;
 - e. The maximum number of bends permitted for the specified flexible hose in the application and the bend radius;
 - f. The flexible hose installation method that will be used for the attachment to the ceiling, including the bracket assembly.
3. As noted in NFPA 13, the plans must include a submittal book which has all applicable manufacturer's installation sheets, including the listing of the materials and the installation instructions.

PROCESS

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INFORMATION

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DEFINITIONS

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CROSS REFERENCES

California Fire Code, Current edition.

NFPA 13, Standard for the Installation of Sprinkler Systems, Current edition.