



COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

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CITY OF COALINGA FIRE DEPARTMENT

FIRE PREVENTION STANDARD

STANDARD TITLE:	404.002 TEMPORARY WATER SUPPLY AND FIRE ACCESS FOR AT-RISK RESIDENTIAL PERMITS	
STANDARD NUMBER: 404.002	EFFECTIVE DATE: 1 October 2022	REVISION DATE: 1 October 2022

PURPOSE

The purpose of this policy is to outline the requirements for providing a temporary water supply (water tanks) and fire access for at-risk permits issued in single-family residential developments.

APPLICATION

This policy applies to companies developing and constructing residential buildings in housing tracts.

OPERATIONAL POLICY

A minimum of three sets of engineer-scaled site plans will be submitted to the Coalinga Fire Department (CFD or Department) for approval before temporary water supply and fire access roads are installed at the site. The site plan must indicate the location of the parcels with at-risk permits, the proposed temporary access roads, the proposed temporary water supply (including capacity) and the closest in-service, existing municipal fire hydrants.

The plan must include drawings, symbols and standard notes representing all the fire requirements listed in this policy for temporary water supply and access roads.

1. The following temporary water supply requirements will apply:
 - a. Homes approved by the Planning and Development Department for at-risk permits may be served by approved temporary water supplies while under construction.
 - b. A maximum of ten (10) homes are allowed per group, with a maximum of 25 homes per tract. Additional lots may be approved at the discretion of the fire code official.
 - c. Groups of homes must be a minimum of 100 feet apart, as measured from the closest edge of construction in each group.
 - d. No group of homes shall be located within 200 feet of existing structures or adjacent housing tracts under construction.
 - e. A minimum of one 10,000-gallon elevated suction tank is required for each group of homes.



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- f. Tanks will be located within 200 feet of the furthest portion of construction in each group of homes.
 - g. Tanks must not be located closer than 50 feet from any home or other exposure.
 - h. Tanks will have a 4½ inch capped National Hose Thread (NHT) male outlet.
 - i. A minimum 4 inch control valve that is locked with an approved Coalinga Fire padlock.
 - j. Fire apparatus access roads will be provided within ten (10) feet of the suction outlet.
 - k. A sign stating “For Fire Department Use Only” must be installed at the control valve.
 - l. If the travel distance to the closest in-service, existing municipal fire hydrant is within 500 feet of the furthest portion of an at-risk group of homes, it may be used in lieu of the required tank, subject to approval by the fire code official, or designee. The separation distance may be reduced, subject to review of the specific site layout.
2. The following temporary fire access requirements will apply:
- a. Access roads shall have an approved all-weather surface, capable of supporting 80,000 pound vehicles. Roads must be a minimum of 4 inch base rock over compacted or undisturbed native soil. (Refer to Section 404.001, Housing Tract Clearance for Combustible Materials and Occupancy).
 - b. Fire access roads must have a minimum width of 24 feet. Roads can be a minimum of width of 20 feet with an approved method (i.e., installed curbs) to prevent shoulder degradation.
 - c. Access roads will be located no closer than 20 feet from the edge of any house unless otherwise approved by the fire code official.
 - d. A single point of access serving up to 25 houses is allowed for at-risk permits. Unusual access designs may require a second point of access regardless of the number of houses.
 - e. If a second point of access is not provided, fire access roads in excess of 150 feet shall be provided with a minimum 24 foot x 60 foot T-turnarounds with at 44 foot centerline turning radius.
 - f. Fire access road signs will be posted within 100 feet of the temporary water supply and any group of houses. The sign will read “FIRE LANE NO



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PARKING” and will be posted every 50 feet on both sides of the access road. The sign will have 3 inch letters in red on a white background.

- g. Provide signs at each public street entrance to the temporary fire access road that states “FIRE ACCESS TRACT xxxx” in red, minimum six (6) inch letters, on a white background.
- 3. Any block walls or median islands required for tract infrastructure improvements that block access to lots covered by this policy cannot be constructed prior to the completion of the internal tract infrastructure to a level acceptable by the Coalinga Fire Department.
- 4. All of the requirements on the approved temporary water supply and fire access site plan must be in place and approved by a field inspection prior to the delivery of combustible materials to the site.

OPERATIONAL GUIDELINE

This section intentionally left blank.

PROCESS

Once a temporary water supply and fire access for at-risk homes has been approved by the Fire Prevention Division, a special notice must be completed.

INFORMATION

This policy provides direction for the minimum, temporary, firefighting water supply requirement when public water mains and hydrants have not been installed for homes in single-family residential developments. The fire code official may permit the use of temporary water supplies and fire access for single-family residential developments that wish to begin construction of homes before the municipal water supply is available and permanent access roads have not been installed. Additional requirements may be required, and the determination shall be made at the sole discretion of the fire code official.

DEFINITIONS

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CROSS REFERENCES

Administrative Manual
Section 404.001, Housing Tract Clearance for Combustible Materials and Occupancy