



CITY OF VICTORVILLE

FIRE PREVENTION DIVISION

14345 Civic Center Drive
Victorville, CA 92392
(760) 955-5233

Standard Number

W-4

Revision Date:
11-5-25

FIRE PREVENTION STANDARD

W-4 TEMPORARY WATER SUPPLY SYSTEMS FOR FIRE PROTECTION

AUTHORITY

California Fire Code Sections 102.9, 103, and section 104.1.1 as amended in section 8.08.04⁽⁵⁾ of the City of Victorville Municipal Code provides that the fire code official of the City of Victorville shall have the authority to adopt policies, procedures, rules, and regulations in order to clarify the application of the Fire Code and to specify requirements not specifically provided for by the Fire Code. For further requirements on this subject, see section 507 et. seq. of the California Fire Code. This standard may be modified with the approval of the Fire Code Official.

PURPOSE

The purpose of this standard is to provide guidance for the use of temporary fire protection water supply systems during construction.

SCOPE

This standard will allow a developer to begin construction of residential or commercial projects prior to the construction of a permanent water supply. In no way shall this standard be misconstrued to allow occupancy of any project without completion of an approved permanent water supply for fire protection.

DISCLAIMER

These standards may change without notice. Whenever applicable statutes, regulations, and standards are updated and adopted, the latest shall apply. Please contact the Victorville Fire Prevention Division at (760) 955-5227 to determine if these standards have changed. These requirements do not exempt any individual from complying with other applicable state, county, or city codes and standards.

SUBMITTALS

- 1) A set of plans shall be submitted to the Fire Prevention Division for approval. These plans shall show all temporary water tanks, lines, and their appurtenances, and shall establish the minimum fire flow needed for the proposed project(s).
- 2) These plans may be designed by a plumbing contractor, civil engineer, or grading contractor.
- 3) No work on the project shall commence until plans are approved by the Fire Code Official.

GENERAL

- 1) Prior to the delivery of any combustible materials to any site that does not have a permanent



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water supply system, a temporary water supply may be installed with the approval of the Fire Code Official, after submittal of a permit application and site plan indicating the tank, hydrants, water lines, etc.

- 2) This water supply may consist of a temporary water line with temporary hydrants when approved by the Fire Code Official.
- 3) Hydrants shall be anchored in a manner to withstand the surge of water flowing out of the outlets at high pressure. If required, a 3' x 3' x 3' concrete footing for each hydrant shall be provided, maintained to withstand construction traffic.
- 4) A temporary water supply will consist of an approved elevated water tank containing a minimum of 10,000 gallons of storage capacity. Fire Flow shall be as required by Appendix B of the California Fire Code and Victorville Fire Prevention Standard F-6.
- 5) Temporary hydrants for new developments shall not be more than three hundred (300) feet (as measured along an approved vehicular path of travel) to the main driveway on the address side of the proposed structure.
- 6) Each applicant shall check with the affected water district prior to Fire Code Official approval of connection to any public water system. The required fire flow for the project shall be met during construction.

ABOVEGROUND TANK INSTALLATION

- 1) The tank location and access must be approved by the Fire Code Official prior to delivery of combustible materials to the job site. The temporary water supply system shall be maintained operational at all times.
- 2) The tank shall be elevated a minimum of six (6) feet above grade.
- 3) The tank shall be located within three hundred (300) feet of the most distant building being protected.
- 4) A roadway to the tank capable of supporting fire apparatus shall be provided and maintained during the time that the tank is being used for fire protection.
- 5) The tank shall be kept filled at all times and shall be posted "FOR FIRE DEPARTMENT USE ONLY" The letters shall be six (6) inches high, on a contrasting background, as approved by the Fire Code Official.
- 6) All valves are to be locked with an approved fire department Knox Lock or breakaway lock.
- 7) Four (4) inch suction hose end to be locked to the tank with an approved fire department Knox Lock or breakaway lock.
- 8) Signs stating "NO PARKING WITHIN 100 FEET" shall be posted on all sides of the tank.

ABOVEGROUND WATER LINES



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- 1) Aboveground water lines (minimum 6") may be acceptable at the discretion of the Fire Code
- 2) Official. This shall be reviewed on a case-by-case basis.
- 3) Aboveground water lines shall be located to provide protection from construction traffic.