



PRIVATE FIRE HYDRANT INSPECTIONS

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Inspection, Testing, and Maintenance of Private Fire Hydrant Systems

Purpose

This Bulletin is to assist fire department personnel and property owners with the requirements for inspections, testing and maintenance of private fire hydrants. Private fire hydrants are those hydrants not owned and maintained by the City of Riverside, Eastern or Western Municipal Water Districts. It is the responsibility of the property owner to have all the fire hydrants inspected and tested once every year in accordance with N.F.P.A. 25/Title 19 & California Fire Code (CFC), Section 507

Scope

Fire hydrants shall be maintained per the currently adopted version of N.F.P.A. 25/Title 19 the Inspection, Testing, and Maintenance of Private Fire Main Systems. (CFC, Sections 507.5.2)

Requirements:

Fire hydrant systems shall be subject to periodic tests as required by the fire code official. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, alterations and servicing shall comply with approved standards. Records of tests and required maintenance shall be maintained. (CFC, Sections 507.5.2)

Inspecting Fire Hydrants:

Private fire service mains shall be periodically inspected, tested and maintained in accordance with the California Code of Regulations, Title 19, Division 1, Chapter 5

1. Private fire hydrants of all types: Inspected annually and after each operation, flow test and maintenance annually.
2. Fire service main piping: Inspection of exposed annually, flow test every 5 years.
3. Fire service main piping strainers: Inspection and maintenance after each use.
(CFC, Sections 507.5.3)

Unobstructed access to fire hydrants shall be maintained at all times. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants.

Maintain a minimum of a three foot clear space around the circumference of the fire hydrant, except as otherwise required or approved. (CFC, Section 505.5.5)

Where fire hydrants are subject to impact by a motor-vehicle guard posts or other approved means shall comply with CFC, Section 312

Markings: All private fire hydrants shall be painted in accordance with City of Riverside Fire Department standards. See Information Bulletin: D-16-005.