



City of Anaheim  
Fire Department  
Fire Prevention Bureau



## Specifications and Requirements

**Subject:** PRIVATE FIRE HYDRANT MAINTENANCE

**References:** Ordinance No. 5822, Section 16.08.070; Anaheim Municipal Code; NFPA 291

These specifications and requirements shall apply to all privately owned fire hydrants within the City of Anaheim.

To assure proper functioning, private fire hydrants shall be tested every two years or immediately after relocation or repair. The owners of any premises on which private fire hydrants are installed shall have the hydrants tested, by a person who has demonstrated competency in this field to the City of Anaheim Fire Department.

Private fire hydrants shall be immediately serviced, overhauled, or replaced whenever they are found to be defective. Testing and maintenance shall ensure that private fire hydrants are ready for emergency use.

All private fire hydrants must be painted "safety" red.

### TWO-YEAR TEST

Every two years, the following shall be done:

#### **Checkpoints:**

- Caps missing
- Caps damaged, not rotating smoothly
- Fire hose connection threads
- Cap chain
- Gaskets missing or deteriorated
- Operate valve stem/flow water
- Visible or exterior obstruction
- Locate and operate gate valve

#### **Corrective Actions:**

- Replace
- Repair or replace; lubricate for smooth rotation
- Repair or replace, if damaged
- Replace chain, if missing
- Replace gaskets
- Repair valve stem and lubricate, if needed
- Remove obstruction
- Repair or replace gate valve, if malfunctioning

**Note:** The valve is required to be uncovered and operational only when the on-site water main serves both the sprinkler system and the private hydrant(s).

### FOUR-YEAR TEST

1. Conduct inspection and make corrections as listed for the two-year test.
2. Flow the hydrant according to procedure in NFPA 291. Obtain residual pressure if more than one private fire hydrant is installed.

### **REPORTS**

A report of the two-year and four-year tests shall be provided to the property owner and to the Anaheim Fire Department on the approved "Private Fire Hydrant Inspection Report" provided by the Anaheim Fire Prevention Bureau. This report must list all the checkpoints and the results. The pitot tube reading, flow results, and residual pressure must also be indicated on the report. At the time of service an itemized invoice showing work performed and parts replaced shall be provided to the private fire hydrant owner, by the applicable, to avoid false alarms.

Prior to flowing water, the person conducting the test shall notify the Anaheim Fire Department Dispatch Center (714) 533-1305 and the fire-alarm company, if applicable, to avoid false alarms.

### **PRIVATE FIRE HYDRANT TESTER**

Any person conducting the testing or repair of private fire hydrants, as outlined above, shall be approved by the Anaheim Fire Department to conduct such work; said approval will be granted based upon the following:

#### **1. License Requirements**

All approved private fire hydrant testers shall possess a current City of Anaheim business license; and a Fire Protection Contractor (C-16), Plumbing Contractor (C-36), Pipeline Contractor (C-34), or California State Fire Marshal Type 1 license.

#### **2. Experience Requirements**

All private fire hydrant testers shall have a minimum of one-year experience in the testing and inspection of private fire hydrants. Such experience shall be demonstrated to the Anaheim Fire Department in the form of references, prior to approval.

#### **3. Equipment Requirements**

All approved private fire hydrant testers shall ensure that the following equipment is available and properly maintained:

- Calibrated pitot tube and gauge
- Hydrant key valve wrench
- 2 1/2" and 4" stream diffusers
- Minimum of two calibrated pressure gauges
- Hydrant wrenches

**For a list of approved private fire hydrant testers and further information regarding these requirements contact:  
Fire Prevention Bureau at (714) 765-4040 between the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday.**