



City of Anaheim
Fire Department
Fire Prevention Bureau
Specifications and Requirements

Subject: PRIVATE FIRE HYDRANT MAINTENANCE

References: NFPA 25, 2006 California Edition

These requirements shall apply to all privately owned fire hydrants within the City of Anaheim. The State of California requires private hydrants to be tested every year 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 one of the following licenses:

- State of California Contractors State Licensing Board Fire Protection Contractor (C-16) license
- California State Fire Marshal Licensed A (Type 1, Type 2, or Type 3)

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.

ANNUAL TEST

Every year, the following shall be done:

1. Hydrants shall be inspected annually to ensure they:
 - Are accessible
 - There are no leaks or cracks
 - The outlets are not too tight
 - The threads are not too worn
 - The operating nut works correctly
 - The drains drain properly (dry barrel hydrant only)
2. Control valves shall open full range and return to the normal position and be lubricated if necessary.
3. The backflow assembly must have a forward flow test.
4. The hydrant shall be opened fully and water flowed until all foreign material has cleared.

FIVE-YEAR TEST

Every five years the hydrant must be flowed to determine the internal condition of the piping. See NFPA 25, 2006 California Edition, Section 7.3.1. The waterflow and pressure must be measured.

Care should be taken to remove any pollutants (i.e. trash, debris, etc.) that are in the flow path prior to conducting the testing. This is to prevent pollutants from being washed into a storm drain.

REPORTS

A report of the annual and five-year tests shall be provided to the property owner and to the Anaheim Fire Department on California State Fire Marshal approved forms. The pitot tube reading, flow results, and residual pressure must also be indicated on the report when a five-year test is done.

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.

For 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.