

5. Shut down pump and keep system pressurized for three minutes. Record pressure observed on calibrated gauge after three minutes here: _____ psi.
6. Standpipe hydrostatic test was satisfactory? YES NO

PART D. FLOW TEST

NOTE: PRELIMINARY FRICTION LOSS CALCULATIONS MUST BE DONE DURING THE TEST!

1. Install Underwriter's playpipe with 1-1/8 inch tip on roof outlet.
2. Start pump and slowly increase pressure until a nozzle pressure of 8 psi is observed. This indicates that slightly more than 100 gpm is flowing.
3. Flow for a minimum of three minutes.
4. Record pressure observed on gauge installed at fire department connection inlet, which produced a nozzle pressure of 8 psi at roof: _____ psi.

It is the responsibility of the contractor performing the test to have all required equipment on site and available for use and/or inspection. Failure to have each piece of required equipment may delay the test or cause it to be cancelled. In either case a reinspection fee may be assessed.

Explain any negative answers or unusual conditions below:

PART F.

I certify the dry standpipe(s) described on this form, except as noted above, is/are operable.

Signed: _____ Date: _____
Fitter

XX

TO BE COMPLETED BY FIRE PREVENTION DIVISION PERSONNEL ONLY

Portion/s of test witnessed: A. B. C. D.

Inspector's _____ Notes: _____

By: _____
(Print Name)

Results as reported were checked and found to satisfactorily comply with the requirements of California Fire Code for dry standpipes.

Signed: _____ Date: _____

PERSONNEL/EQUIPMENT REQUIRED FOR DRY STANDPIPE 5-YEAR TEST

- Two personnel
- Pump capable of delivering at least 100 gpm at necessary pressure
- Air pump
- Calibrated gauges supplied by the contractor for all readings
- Supply of replacement gaskets for outlets
- Hydrant wrench
- Fire hose as needed
- Underwriters' playpipe with 1-1/8-inch tip
- In-line gauge for use with 2-1/2-inch hose
- Second in-line gauge for use with 2-1/2-inch hose, or a pitot tube and gauge
- Necessary forms
- Tarps, diffusers, etc., to protect roof surface
- Two two-way radios are recommended to facilitate communications on high-rise buildings
- Compliance with the following City of Fresno Water Division Ordinance:

Fresno Municipal Code (FMC):

FMC, Section 6-534, Use of Fire Hydrants Regulated.

- (a) When it is necessary to use water temporarily in connection with any type of construction or other operation at a place where supply is inadequate for such purposes, application may be made to the Water Division for a permit to use water from a fire hydrant.
- (b) No person other than a duly authorized employee of the City of Fresno shall use water from, or connect any apparatus to, a fire hydrant without first obtaining a permit from the Water Division and securely attaching such permit to the fire hydrant at a conspicuous place near the point of connection.
- (c) Each permit shall specify the fire hydrant or hydrants authorized to be used and no person shall attach such permit to any other hydrant, nor shall any person remove, obliterate, deface, or obscure any permit.
- (d) No person other than a duly authorized employee of the City shall attach to the operating stem or cap of a fire hydrant any wrench or tool that is not approved by the Water Division for use on fire hydrants.
- (e) Any permit, wrench, connecting apparatus, valve, hose, or other apparatus attached to a fire hydrant in violation of this section shall be subject to removal and confiscation by the City.

- (f) The applicable water rate, determined as specified in FMC, Section 6-504, shall be doubled for water used in violation of this section, subject to the minimum charge designated in the Master Fee Resolution. No permit or additional permit shall be issued to any person who is in violation of this section until all such charges have been paid. (Added Ordinance 70-13, 1970; Amended Ordinance 80-115, § 156, eff. 8-8-80).