

El Paso Fire Department Private Hydrant Installation Checklist

The El Paso Fire Department requires contractors to follow the requirements listed below upon the inspection of a new private hydrant within the city limits. Master Plumbers are allowed to install private hydrants providing the system they are working on is not attached to any other fire protection system (sprinkler system, etc.)

1. Approved, stamped plans must be on-site along with a stand along **FIR** permit. Scope of work noted on permit card shall be consistent with actual work performed.
2. Personnel on-site must be able to present their required license and credentials as required.
3. Installation of system shall be in accordance to *NFPA 24 Standards for the Installation of Private Fire Service mains and Their Appurtenances*. All joints and thrust blocks must be exposed for viewing during test/inspection. Center filling with soil is permitted only piping between joints. Any covered joints will be required to be exposed, regardless. No exceptions.
4. The hydrant barrel and caps shall be painted safety red and the outlet connections must face in a direction free of any obstructions. Hydrant shall be highly visible and easily accessible to fire department units.
5. Backflow Preventer Device require freeze protection via an approved enclosure.
6. A request for inspection/test shall be made via a faxed request to the Fire Prevention Division Office at 915-771-1024. Requests must be submitted before 10 am and 1 day before the inspection/test date. Note: the system to be tested shall be available for a visual inspection 2 hours before the appointment time. This is to verify the 200 psi.
7. After inspection is completed, all water valves including the backflow preventor valves shall be opened. Fire hydrants will then be closed and checked for proper drainage. A pitot tube reading will be taken if the site allows. The assigned fire inspector shall have the right to either require or waive a pitot test.
8. The FIR permit card will be signed off as pass or fail. Notes regarding the results will be noted on back of the permit card. The bonnet of the hydrant shall be painted in a color according to the GPM available.

Any questions regarding the installation of private fire hydrants can be addressed to the Fire Department Water Technician at (915) 771-1090.