

# Plumbing Permits -Residential

Specific technical questions should be addressed to the Building Department at 724-285-4124 ext 212 between the hours of 8:30 a.m.-4:00 p.m.,

Monday through Friday.

## General Information

1. The 2009 International Code Council International Residential Code is our current adopted residential plumbing code as well as local plumbing code ordinances.
2. *All* plumbing materials and fixtures must be labeled by UPC, IAPMO, or other testing agencies approved in the ICBO listing of Laboratories or Quality Control agencies.

All plumbing shall be tested as identified in section **P2503.5** of the code. Specifically, DWV systems shall be tested on completion of the rough piping installation by water or air with no evidence of leakage.

Hot and cold water supply system shall be tested under pressure not less than the working pressure. A fifty (50) pound per square inch air pressure may be substituted for the water test or as required by local water authority. A pressure tank may be required on DHW tanks, per local water authority.

1. DWV (Drain, Waste & Venting) piping of the plumbing, drainage, and venting systems shall be tested with water or air or as required by local water authority
2. Water Test  
The water test shall be applied to the drainage and vent systems either in its entirety or in sections. All openings in the piping shall be tightly closed, except the highest opening, and the system filled with water. If the system is tested in sections, each opening shall be tightly plugged and each section shall be filled with water, but no section shall be tested with less than a ten (10) foot head of water.
3. Building Sewer Test  
Building sewers shall be tested by plugging the end of the building sewer at its points of connection with the public sewer or private sewage disposal system and completely filling the building sewer with water from the lowest to the highest point thereof.

4. Gas Piping Test  
This inspection shall include an air, CO<sub>2</sub> or nitrogen pressure test, at which time the gas piping shall stand a pressure of not less than ten (10) pounds per square inch gauge pressure. Test pressures shall be held for no less than fifteen (15) minutes with no perceptible drop in pressure.
3. Fuel gas piping
  1. A one line diagram is **required** prior to the frame inspection. See the example in the UPC.
  2. Underground gas lines are **required** to be **factory** wrapped. Field wrap is limited to the fittings.
  3. All **exterior** gas lines are required to be galvanized. Painting is **not** approved
  4. Unions are not permitted.
  5. The gas lines are **required** to be **inspected** for conformance to the approved one line diagram normally at the frame stage. Rough gas line inspection at frame and pressure test inspection after sheet rock.
  6. The gas lines are **required** to be **tested** after all piping, nipples and fittings are installed. The code requires a minimum of 10 lbs. for 15 minutes with no perceptible drop in pressure. This inspection can be made at any time after all pipe and fittings are installed. **A new gas test will be required if fittings or nipples are added after the recorded inspection.**
  7. For electrical isolation, isolation fittings on ferrous gas pipe underground are required.
4. 1.6-gallon maximum flush toilets or 1-gallon maximum flushometer valve toilets required for all new construction with permits approved after January 1, 1992.
5. Starting February 1, 1992, we will no longer approve or permit more than one gas meter for a single family house unless a valid Secondary Living Unit permit has been issued.