

City of Toledo – Division of Building Inspection
One Government Center, Suite 1600, Toledo, OH 43604

PLUMBING PERMIT INSPECTION PROCEDURE

You have purchased a Plumbing Permit and signed an affidavit attesting that you are capable of performing the work yourself and have the proper equipment and ability to perform the work. This letter will inform you as to what conditions you must abide by in order to have the work inspected and accepted by a Plumbing Inspector for the City of Toledo.

Three inspections are required: (1) underground – if applicable (2) ROUGH – an inspection of waste, vent and water lines before they are covered in any manner, (3) FINAL – after all fixtures are set and operational. Such inspections and all tests described below shall be observed by a duly assigned inspector from this office. It will be the obligation of the Home Owner to arrange for and perform all tests at the appropriate time. The Homeowner is also required to furnish all apparatus to conduct such tests. Failure of the Home Owner to arrange for or to perform tests and inspections will be followed by action of this department as may be deemed suitable. All arrangements for inspections must be made 24 hours in advance during normal working hours 7:30 am – 3:30 pm – Monday through Friday. The person signing for permit must be present. Two inspections are included in permit fees. All other inspections, when required, such as consultations or additional calls when required for correction of work will be assessed a reinspection fee. These tests are conducted and inspections made to guarantee your safety and that the waste and vent system is working properly.

State of Ohio – 4101:2-51-74 Methods of Testing:

Rough test may be accomplished by either water or air as follows:

WATER TEST

1. The building sewer shall be tested by: (a) Inserting a test plug at the point of connection with the public sewer or individual sewage treatment plant; (b) Filling to produce a 10 foot head of water.
2. Test applied to the entire system: (a) Close all openings in the piping except the highest opening; (b) Fill the system to the point of overflow.
3. Test applied in sections: (a) Close each opening except the highest opening of the section under test; (b) Fill and test with at least a 10 foot head of water; (c) In testing successive sections, at least the upper 10 feet of the system shall have been submitted to a test of at least a 10 foot head of water.
4. The system, or the portion under test, shall be filled and maintained at the test level at least 15 minutes prior to the start of the inspection. The system shall be watertight at all points

AIR TEST:

The air test shall be applied in the same manner as for water testing and as follows:

(1) Air testing apparatus may be attached to any suitable opening after closing all other openings in the section or system; (2) Force air into the system until there is a uniform gauge pressure of 5 pounds per square inch or sufficient pressure to balance a column of mercury 10 inches in height; (3) Maintain pressure without introduction of additional air for a period of 15 minutes.

FINAL TEST:

The final test of the plumbing system shall be made by air test after the fixtures are connected, with or without smoke or peppermint as follows: (1) Close stack openings; (2) Apply air pressure to entire drainage and vent system or to sections thereof equivalent to at least 1 inch water column; (3) Maintain this pressure starting 15 minutes before beginning inspection; (4) Test shall indicate system to be tight at all points.

If you have any questions, please contact the plumbing inspection section at 419-245-1246.

**INFORMATION FOR HOME OWNERS
STEPS FOR PASSING A PLUMBING INSPECTION**

- 1) IF YOU ARE NOT THE OWNER/OCCUPANT OF A SINGLE FAMILY DWELLING, THEN THE WORK AT SAID DWELLING MUST BE DONE BY A LICENSED PLUMBING CONTRACTOR.**
- 2) MOST PLUMBING WORK REQUIRES A PERMIT. CONSULT WITH PLUMBING INSPECTIONS TO FIND OUT IF YOUR JOB REQUIRES A PERMIT.**
- 3) IF YOU ARE THE OWNER/OCCUPANT OF A SINGLE FAMILY DWELLING YOU MAY OBTAIN A PLUMBING PERMIT TO DO ANY OF THE PLUMBING WORK IN THAT RESIDENCE.**
- 4) IF YOU ARE THE OWNER/OCCUPANT OF A SINGLE FAMILY DWELLING AND ARE GOING TO ATTEMPT THE PLUMBING WORK YOURSELF, SCHEDULE A CONSULTATION WITH THE INSPECTOR WHEN YOU OBTAIN YOUR PLUMBING PERMIT. IT COULD SAVE YOU \$\$\$ WHEN IT COMES TO BEING CODE COMPLIANT.**
- 5) WHEN PREPARING FOR AN INSPECTION, DRY FIT YOUR JOINTS (do not glue) AND CONSULT WITH YOUR INSPECTOR FOR CODE COMPLIANCE.**

6) WHEN TESTING YOUR DRAINAGE SYSTEM, 5 POUNDS OF AIR PRESSURE IS ALL THAT IS NECESSARY FOR YOUR TEST. NEVER PUT MORE THAN 5 POUNDS OF PRESSURE ON THE DRAINAGE SYSTEM.

7) WHEN HIRING A PLUMBING CONTRACTOR, GET MORE THAN ONE ESTIMATE AND CHECK WITH PLUMBING INSPECTIONS TO FIND OUT IF THE CONTRACTOR IS LICENSED.

**REMEMBER AN INFORMED HOMEOWNER IS A SMART HOMEOWNER!
BE INFORMED! BE SMART!**