

CITY OF TOLEDO

INFORMATION FOR HOME OWNERS

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 document informs you what conditions you must observe to have work inspected and approved by the inspector. It is recommended that you schedule a consultation with the inspector after obtaining your permit and prior to starting your project. It could save you \$\$\$ when it comes to being code compliant.

Required Inspections: Such inspections and all tests described below shall be observed by the inspector.		
UNDERGROUND	ROUGH	FINAL
if applicable, an inspection of waste and storm drainage system that will be covered by concrete	an inspection of waste, vent and water lines before they are covered	after all fixtures are set and operational.

It is the homeowner's responsibility 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 homeowner 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 from 7:30 am – 3:30 pm Monday through Friday. The person signing the permit must be present. One inspection per type of inspection is included in permit fees. Any additional inspections, when required, such as consultations or re-inspections for corrected work will be assessed a re-inspection fee.

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

ROUGH TEST – may be accomplished by either water or air tests	
WATER TEST	AIR TEST
The building sewer shall be tested by - Inserting a test plug at the point of connection with the public sewer/individual sewage treatment plant - Filling to produce a 10 foot head of water.	The air test shall be applied in the same manner as for water test and as below.
Test applied to the entire system - Close all openings in the piping except the highest opening - Fill the system to the point of overflow.	Air testing apparatus may be attached to any suitable opening after closing all other openings in the section or system
Test applied in sections - Close each opening except the highest opening of the section under test - Fill and test with at least a 10 foot head of water - 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.	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
The system 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	Maintain pressure without introduction of additional air for a period of 15 minutes

FINAL TEST			
shall be made by air test after the fixtures are connected, with or without smoke or peppermint as below.			
Close stack openings	Apply air pressure to entire drainage/vent system or to sections equivalent to at least 1 inch water column	Maintain this pressure starting 15 minutes before beginning inspection	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.

HELPFUL HOMEOWNER TIPS

- **Dry fit joints (do not glue) and consult with your inspector for code compliance.**
- **When testing your drainage system don't exceed 5 pounds of pressure on the drainage system.**
- **If after you purchased your permit and prior to having any inspections performed you choose to hire a licensed plumbing contractor to do the project, you may request a refund of the permit fees; however, the licensed contractor must procure their own plumbing permit for the work. Your refund will only be processed once the contractor receives a permit.**