

**PUBLIC PROTECTION CABINET  
DEPARTMENT OF HOUSING, BUILDINGS AND CONSTRUCTION  
DIVISION OF PLUMBING  
500 MERO ST, 1<sup>ST</sup> FLOOR  
FRANKFORT, KENTUCKY 40601-5405**



**REQUIREMENTS FOR HOMEOWNERS INSTALLING PLUMBING**

First, you must have a blue print and a floor plan with a riser diagram of your soil, waste and vent systems, as well as the water piping. All pipes must be sized.

Second, you must obtain a plumbing permit. This can be obtained from the Plumbing Inspector's Office. It must be your residence or your intended residence, not a house built for sale or rental property. You must install this work in accordance with the State Plumbing Law and Code. All work must be done by you. You can not hire help for the job. You will have to sign a HBC 31-05 stating this.

It is necessary that you make a minimum of two tests on the plumbing system in the house. The first test for a rough-in is called a water or air test. Before any work is covered or concealed, the system must be filled to the roof with water or air to assure that all joints are tight. You will need the necessary plugs to close up the openings. The Plumbing Inspector must witness this and all other tests must be ready prior to his arrival.

After the first test is approved and everything is closed in (drywall) and all fixtures are set, an air test must be performed on the complete system. (A "U" gauge will be used for this test.) The Inspector nor the Office of Housing, Buildings and Construction would furnish any material for making tests.

All plastic pipes and fittings in drainage lines must be solvent welded or fusion welded including the outlet side of a trap. The use of a tee laying on its side is prohibited as well as unions in the waste or vent lines. The use of "S" or floor traps is prohibited. Roof flashings must be of the approved type.

All water pipes must have a test before covering up and found without leaks under normal working pressure, in which the system will function. Water lines must be not less than 3/4" I.D. to the water heater and 1/2" hot and cold to no more than one toilet and lavatory. If copper pipe is used for water distribution system, the solder must be lead free.

All vents passing through the roof that are less than 3" in diameter must be increased to 3" in size 1' below the roof level.

If you have to install a septic tank, it is required that you see the local sanitarian.

Your sewer shall be laid on a grade of 1/8" to 1/4" fall per foot. House sewers laid on undisturbed ground must be laid on at least 4" of pea gravel and sand or other approved grillage. The house sewer shall be tested with water, air, smoke, or other tests approved by the Office. These tests shall be made before the sewer is covered and after it is covered. These tests must be witnessed by the Plumbing Inspector. If SDR pipe is used, it must have 6" of grillage all around pipe sides and bottom for first test, with 6" of grillage over second test.

Only one homeowners permit can be obtained every five years.

