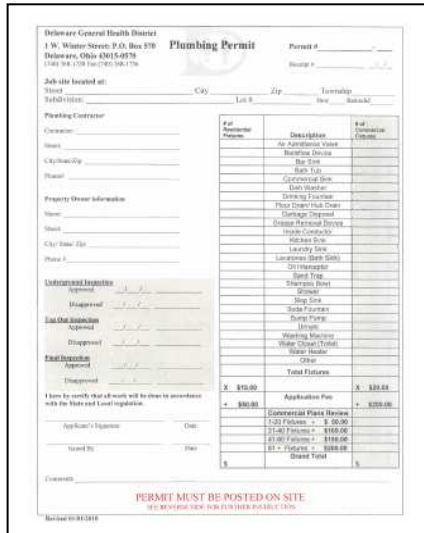


## 2010 News Letter

### 2010 Plumbing Permit

Please note the updated plumbing permit.



**Delaware General Health District**  
1100 Westwood Avenue, P.O. Box 570  
Dover, Ohio 43003-0570  
1-800-345-7778

**Plumbing Permit** Permit # \_\_\_\_\_

Job site located at: \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Plumbing Contractor: \_\_\_\_\_

Plumbing Fixtures	Permit Fee	Application Fee	Total
Water	\$100.00	\$100.00	\$200.00
Sanitary	\$100.00	\$100.00	\$200.00
Storm	\$100.00	\$100.00	\$200.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$300.00</b>	<b>\$33.00</b>	<b>\$333.00</b>

**PERMIT MUST BE POSTED ON SITE**  
SEE MESSAGE SIDE FOR OTHER MESSAGE CODE.

If you need plumbing permits, please contact the office to have permits mailed to your company.

### Check us out on the Web

Check out the plumbing web page at <http://www.delawarehealth.org/plumb.htm>.

The plumbing page is easy to find and has more resources to help contractors with needed plumbing forms and information. New features will be coming soon.

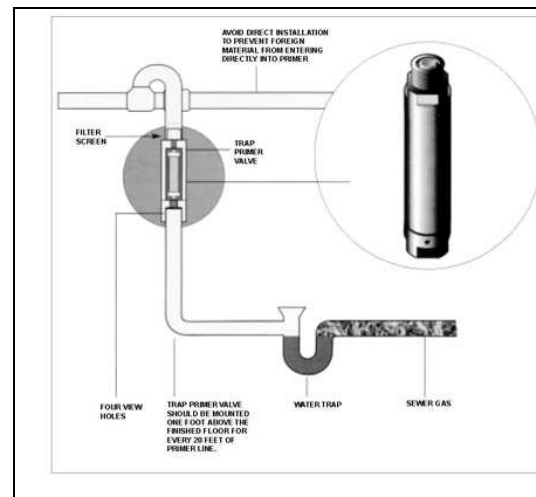
### 2010 Plumbing Code change delayed

The State of Ohio Board of Building Standards has delayed the adoption of any new plumbing codes. The scheduled code update has been postponed to next year or possibility later. However the Board of Building Standards has reemphasized that all materials shall be installed according to the manufacturers' instructions.

### Installation of Materials

Plumbing materials continue to advance in new technology. This new technology has many benefits such as ease of installation or cost saving. According to manufacturers' installation instruction guidelines, recent failure with some of these plumbing materials has been related to incorrect installation methods. The Delaware General Health District Plumbing inspectors will focus on enforcement of the Code section 303.2 to ensure that all materials used shall be installed in accordance with the standards under which the materials are accepted and approved. In the absence of such installation procedures, the manufacturer's installation instructions shall be followed. Where the requirements of referenced standards or manufacturer's installation instructions do not conform to minimum provisions of this code, the provisions of this code shall apply. Here are examples of frequent installation mistakes:

**Trap primers:** The supply line is to be connected to the top half of the horizontal water line.



**Fiberglass Whirlpool and soaker tubs:** The manufacturers of fiberglass fixtures require full support from underneath the tub.

**Gas fired water heaters:** When installed in safe pans, the pans are to be two to four inches larger in diameter than the water heater.

**CPVC pipe installation:** Manufacturers of CPVC pipe such as the Charlotte Pipe Company, recommend painting pipe with a latex paint to reduce exposure to UV light.

Also be aware of requirements of CPVC pipe regarding expansion and contraction and hot water supply.

<b>NOTICE</b>
<p>Failure to compensate for expansion and contraction caused by temperature change may result in system failure and property damage.</p> <ul style="list-style-type: none"><li>• Do not restrict expansion or contraction. Restraining movement in piping systems is not recommended and may result in joint or fitting failure.</li><li>• Use straps or clamps that allow for piping system movement.</li><li>• Align all piping system components properly without strain. Do not bend or pull pipe into position after being solvent welded.</li><li>• Do not terminate a pipe run against an immovable object (example: wall or floor joist)</li></ul>

### **AIR ADMITTANCE VALVES (AAVs)**

917.2 Installation. The valves shall be installed in accordance with the requirements of this section and the manufacturer's installation instructions.

Examples,

The use of "AAVs" to relieve pressure in lines subject to pumping action is prohibited. "AAVs" shall not be used where a pump creates a positive pressure.

AAVs used in plumbing systems that drain into a septic tank are required to have a main or relief vent located as close as possible to the building drain building sewer connection.

AAVs shall be located a minimum of 6 inches above insulation materials.

Be sure to read all manufacturers' installation instructions for correct installation of all related materials. The Delaware General Health District Plumbing Unit recommends

plumbing contractors install four inch diameter pipe for building drains in new homes. Four inch building drains will improve air flow throughout the plumbing system.

### **Backflow Protection Required**



Water driven sump pumps are becoming more popular as a back up for protecting basements. Be sure to obtain a permit and have work inspected. Pumps connected to potable water systems are required to have a **high hazard**, testable backflow preventer installed on the water supply. Post backflow preventer test results with the plumbing permit for inspection.

### **Just a reminder**

Please remember not to allow surface water to enter sanitary drains during underground installation. Plumbing Inspectors are still seeing open sanitary drain lines that are letting storm water, mud, and gravel wash into the system, causing a multitude of problems.



When our inspectors observe muddy surface water draining into sanitary lines, we are obliged to report the responsible parties to the county sanitary engineering department. We thank all contractors in advance for your cooperation in safeguarding sanitary line openings so such reports are unnecessary. Operators and Sanitary Engineers at Delaware County's wastewater plants appreciate your cooperation.