



# Delaware County CODE COMPLIANCE

A Department of the Environmental Services Division

**Building Regulations Floodplain Regulations Zoning Regulations**

## Pressure Test Procedure

(10/08/07)

The pressure test is to be completed as part of the final mechanicals stage of the construction process, preferably at the same time as the HVAC final.

Schedule the inspection at 740-833-2222 before 3:30 p.m., and it will be scheduled for the next business day's work. Then, on the morning of the inspection, call the inspector assigned to the job between 7:30 & 8:00 a.m. and they will provide a time for the inspection. When pressure tests are not confirmed, they may be canceled, and times left unconfirmed may not be honored.

All fixed appliances must be installed and working. Non-fixed appliances such as dryers, ranges, and grills may be considered as futures and do not need to be on site at the time of the inspection. No appliance may be on site at the time of inspection that is not hooked up and operational.

Isolate appliances from high pressure at stops and bypass (or isolate) all regulators. Pressurize lines to code specs with a Kuhlman instrument or equivalent, no spring gauges. Install the instrument indoors as they are greatly affected by outdoor environments. **The gas meter must not be removed.**

The mechanical inspector will witness the instrument's pressure, on residential for 10 minutes or to code specs on commercial inspections, for the loss of pressure.

After passage of the pressure test, remove the instrument and the bypass lines, release pressure, and re-energize lines with gas. Open all stops and fire all the equipment for the sniff test. The inspector will use an electronic combustible gas detector to check all of the final gas line connections and accessible factory fittings.

This is a two-part test, if part one of "The Pressure Test" fails; the plumber will be required to be on site to perform the re-inspection, after all repairs have been made. It would be beneficial to all involved to pre-test lines prior to any tests.

If the second part of the test fails, "The Sniff Test", the plumber should not need to be on site for the re-inspection. Preferably, the re-inspection should be called in with any HVAC inspections that remain to be completed.

**\*Fireplaces:** Floor valves **must** be open. The pressure test must be completed through the concealed gas lines in chases or through concrete. (Zee bars) At times it may be necessary to remove log sets or log lighters and cap the stubs in the fireboxes. We will not be responsible for damage from high pressures being applied to any equipment control valves. The OSB beneath the fireplace hearth extension must be removed prior to the testing of masonry fireplaces.

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