



Delaware County CODE COMPLIANCE

A Department of the Environmental Services Division
Building Regulations Floodplain Regulations Zoning Regulations

Gas Line Pressure Test Procedure (10/17/07)

The pressure test is to be completed as part of the final mechanical 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 normally it will be scheduled for the next business work day. On the morning of the inspection call the inspector assigned to the job between 7:30 & 8:00 a.m. to confirm the inspection and be provided a time. Pressure test inspections not confirmed may be canceled and a requested time left unconfirmed may not be honored.

All essential gas appliances must be installed and operational. Nonessential appliances (dryers, ranges, and grills) **may** be considered as futures and do not need to be on site at the time of the inspection, although if on site at the time of inspection they need to be installed and operational. We ask that you conduct a gas line pressure test to check for possible leaks prior to scheduling the pressure test inspection.

Isolate appliances from test pressure at stops and bypass or isolate all regulators. Pressurize lines to code specs with a Kuhlman instrument or equivalent installed (no spring type gauges). The instrument must be installed indoors as they are greatly affected by outdoor environments.

The gas meter must not be removed.

On residential installations the mechanical inspector will read the instrument before and after a 10 minute witness test to check for pressure loss. (IFGC code specified times on commercial)

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

This is a two-part test, if part one, **The Pressure Test**, fails; repair leak(s) and reschedule. The plumber will be required to be on site to perform the pressure test.

If the second part of the test, **The Sniff Test**, fails; repair leak(s) and reschedule. Preferably we ask that this be scheduled with any inspections that remain for the HVAC inspector. Normally the plumber wouldn't need to be on site.

***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 allow or be responsible for damage to any equipment control valves from test pressure being applied against it. The OSB beneath the fireplace hearth extension must be removed prior to the testing of masonry fireplaces.

CHRIS BEAN	740-272-0309	ED SPIERS	740-272-0304
JOHN HICKMAN	740-272-0306	DAVE DIEHL	740-272-0307
MARK HOWARD	740-272-0420		