



Ross County Building Department

15 N. Paint St., Suite 201, Chillicothe, OH 45601

Gas System Testing

This testing is to be done by the contractor who installs the lines. If the Utility tests the lines, the contractor may note that the utility company has performed these tests.

The gas system was tested at the factory however, it is essential that it be rechecked for any leaks caused during transit. Contractor shall perform the following test or verify that the Utility has tested the lines and provide results to the Inspector. Inspector may request to be present for these tests.

Piping system testing

1. Isolate all gas appliances by closing shut off valves
2. At gas inlet attach pressure gage
3. Pressures the system with air to 3 psi (48 ounces)
4. Isolate pressure source for system
5. Pressure must remain stable for at least 10 minutes at 3 psi
6. If system fails , repair and retest
7. If Piping or fittings fail they must be replaced.

Yes ___ No ___ System Passes High Pressure Test conducted by ___ Contactor or ___ Utility

nd test total system (Do not bubble check brass fittings with solutions containing ammonia)

1. Open all appliance shut off valves
2. Attach pressure gauge at inlet
3. Turn off pilot lights if possible
4. Pressure and maintain system with air at 0.25 PSI (4 ounces) for three minutes.
5. Apply non-ammonia based soapy solution to fittings.
6. If system fails repair any leaks. Defective pipe and fittings must be replaced.
7. Retest.

Yes ___ No ___ System Passes Low Pressure Test conducted by ___ Contactor or ___ Utility

Yes ___ No ___ Gas appliance inlet orifices are the correct type for the kind of gas used at the site.

Approved

Disapproved

Remarks _____

Signature of Contractor: _____ Date: _____