



Mahon Services
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Gas System Test Procedure

O.A.C. 4781-6-03.6(E)(1) – *The gas piping system in the home is designed for a pressure that is at least ten inches of water column [5.8 ounces per square inch or 0.36 psi] and not more than fourteen inches of water column [eight ounces per square inch 0.5 psi]. If gas from any supply source exceeds, or could exceed, this pressure, a regulator shall be installed.*

1st Test of Partial System: (Do not check brass fittings for leaks using solutions containing ammonia)

1. Isolate all gas appliances by closing valves.
2. Attach pressure gauge at gas inlet.
3. Pressurize 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.

System high pressure test approved: Yes No

Conducted by: Installer/Homeowner Licensed. Plumber

Remarks:

2nd Test of Total System: (Do not check brass fittings for leaks using solutions containing ammonia)

1. Open all appliance 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, then retest.

System high pressure test approved: Yes No

Conducted by: Installer/Homeowner Licensed. Plumber

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

Permit # _____ Approved Disapproved

If disapproved, remarks:

 Signature of Installer/ Homeowner or Plumber

 Print Name

 Date