

Gas Test & Gas System Requirements

1. All gas service releases require a Plumbing permit pulled by a licensed Plumbing contractor that is registered with the Town of Addison.
2. An air test is required, and the test pressure must be no less than 3psi for low pressure (7in W.C.) and 10 psi for medium pressure (55 in W.C. or 2 psi) systems. Medium pressure (2 psi) gas meters are indicated with a red dial assembly on the gas meter.
3. A 3-1/2" diaphragm test gauge is required, and the test gauge must have a valid calibration label. The test gauge must not show any signs of tampering or disassembly and respond appropriately when the valve is opened to release pressure.
4. All appliances are required to be connected and/or all gas lines will need to be capped off. Gas stops or valves cannot be open or disconnected on the end that will serve an appliance.
5. All portions of the gas system are to be tested from the gas meter connections to all appliance shut off valves.
6. All exhaust vents for appliances that exist at the time of the gas service release will need to be installed per manufacturer specifications and have adequate clearance from combustible materials.
7. If a modification is made to an existing gas system to extend the piping or accommodate a larger BTU demand, a gas sizing diagram will need to be submitted. This can be uploaded to the permit via the CSS portal or can be sent via email to inspections@addisontx.gov.
8. The gas sizing diagram will need to include all piping branches, piping lengths, appliance BTU demand, and total BTU calculations. Gas sizing charts can be found in the 2018 IFGC Section 402.
9. Appliance connectors cannot pass through the metal shell of an appliance. Hard pipe/black iron must be used.
10. All unions are to be accessible and cannot be concealed.
11. Gas piping must have adequate protection by an approved means to protect piping from masonry, concrete, or a corrosive environment.
12. Commercial gas meters will need to have the address and/or suite number for that location attached to the gas riser. UV resistant address numbers or tags with etching can be used. Marking the riser with a Magic Marker or Sharpie is not acceptable.
13. Gas service piping for Commercial buildings will need to be secured and supported properly, including the piping installed on the roof. Roof supports must be approved/listed for gas piping support. Wood blocks are not approved.
14. CSST piping must be installed in accordance with manufacturer specifications and be properly bonded to the grounding electrode system of a structure.