

**City of Farmington**  
**430 3<sup>rd</sup> St.**  
**Farmington, MN 55024**  
**651-280-6830**



## **Gas Line Installation**

This pamphlet is a compilation of some of the standard requirements based on the State Building Code for projects of this type. This information packet does not contain all of the specific codes and should only be used as a guide. The permittee is responsible to meet all code requirements applicable to each project.

### **Mechanical Permits are required for gas line installation in the City of Farmington**

#### **Materials;**

- Copper tubing shall comply with Standard Type K or L of ASTM B280
- Corrugated stainless steel tubing (CSST) shall be *LISTED* in accordance with ANSI LC 1/CSA 6.26
- Steel or iron pipe shall be at least schedule 40 and shall comply with ASTM Standards (cast iron is prohibited)

#### **Typical installation requirements;**

- Piping shall not be installed in duct work, clothes chutes, or chimneys
- Gas piping shall not penetrate a building wall at any point below grade
- Piping buried underground shall be of approved material, such as copper (iron pipe is prohibited)
- Minimum burial depth shall be 12" below grade
- Piping shall not be installed underground beneath buildings
- Threaded joints shall not be used where piping is in contact with the soil
- All elevated piping install outside shall be a minimum 3<sup>1</sup>/<sub>2</sub>" above the ground or surface where it is installed
- All bends shall be smooth and free from buckling, cracks or evidence of damage
- Typical piping supports shall be at 4' o.c.
- Piping in concealed locations shall not have unions, fittings, or bushings

**Prior to operation, all piping installation shall be visually inspected and pressure tested to determine that materials, design, and fabrication comply with the requirements of the code.**

#### **Air Testing;**

- Test pressure shall not be less than 25 psi
- Test duration shall not be less than 1/2 hour (24 hour test recommended)
- Test pressure, date, and time shall be indicated on a tag placed near the test gauge
- Dial gauges shall have 2 psi increments or less and shall have a pressure range not greater than twice the applied test pressure
- Any reduction of test pressure as indicated by pressure gauges shall indicate the presence of a leak