

CITY OF SPRINGFIELD, OHIO

Department of Planning & Development

NEW GAS PIPING PROCEDURES

Effective August 30, 2004

(COMMERCIAL ONLY)

Background: The City of Springfield, in conjunction with surrounding governmental agencies in the Columbia Gas Company supply area, will begin a gas piping installation inspection program effective August 30, 2004. These inspections are authorized under the Ohio Board of Building Standards and by City of Springfield Codified Ordinances - Ord. # 04-161 Passed May 18, 2004.

Applicable Codes

1. 2000 International Fuel Gas Code
2. Fire Prevention Code per Ohio Mechanical Code 2000
3. 2000 NFPA 58 Liquefied Petroleum Gas Code

Permit

Required for commercial work involving:

Gas or LP Piping (New Installations)

Alteration and extensions of more than 50 lineal feet of pipe

Dedicated gas piping to and part of air heating systems with total input of over 150 Thousand BTU' PER HR.

Applications for new commercial installations must include a one-line drawing showing:

Pipe size and length
BTU's per appliance
Operating pressure

Testing

1. Inspection and testing will be performed in accordance with the above referenced standards
2. Pressure testing equipment will be provided by the contractor and approved by the authority having jurisdiction
3. Test will begin on load side of customer meter

CITY OF SPRINGFIELD, OHIO
Department of Planning & Development

4. Test will be performed by installer and witnessed by inspector for duration of time prescribed by code section 406.4.2 of International Fuel Gas Code.
5. The gauges that will be acceptable for commercial applications are:
 - (a) Kuhlman
 - (b) Magnehelic
 - (c) If for any reason a pressure test is performed with a Kuhlman gauge after a test is passed by the use of a Magnehelic gauge, the results of the Kuhlman will govern.

Inspections

When gas lines are installed within the structure including the appliance shutoff valve, two types of inspections may be needed.

- a) A rough inspection and test must be made before concealment of gas pipe.
- b) A final inspection and test will be performed when the system is completely installed.

When the final test is successfully passed, the inspector will post a “Yellow Tag” noting approval on the regulator where possible or on the hot water heater. It will read “Gas Piping Approved”

If temporary gas is needed for construction purpose prior to running the gas lines within the structure, the Gas Company has a “construction” gas program. The contractor must contact the Gas Company directly for this service and the Gas Company will determine if conditions are safe to set a meter and provide gas. NO Building Department inspection is required in this case.

If there are any questions, contact the Inspection Services Office at 937-324-7389 ask for Roger Mick (Commercial Inspector)