

COMMERCIAL SERVICE LINE INSTALLATION INSTRUCTIONS

1. THE GAS MAIN MUST BE LOCATED BEFORE TRENCHING IS STARTED.
To have gas piping located, along with other underground utility facilities that may be buried in the vicinity of where you plan to dig, you must call the Ohio Utilities Protection Service (OUPS) at least two (2) working days in advance. The telephone number for OUPS is 800-362-2764 or 811.
2. Service pipe and tracer wire must be installed in a trench that is separate from other utilities. The trench must be graded uniformly, sloped toward the main where practicable with a minimum depth of 18". The service pipe must be installed within two (2) feet from the main line with a minimum of five (5) feet left sticking out of the ground. If the main line falls between the road and a sidewalk, you must bring the service line under the sidewalk. If the service line is to run parallel with any building structure, it must be five (5) feet away from the structure.
3. DO NOT wrap tracer wire around service line. Bring the tracer wire above ground and wrap around the riser bracket. Allow sufficient tracer wire to wrap around gas main at street end.
4. Wall bracket is to be placed above ground level on the top part of the riser, just below the meter bar valve. The valve on the meter setting should be 12" above ground. Carefully determine final grade. The valve on the meter setting cannot be buried. Wall bracket cannot be attached to flexible part of riser. Attach the wall bracket so meter setting is at least three (3) feet away from any window, door, electric meter, or other opening. Do not locate meter setting under any first story window or other opening.
5. The piping connected to the meter setting **MUST** be paid before the meter will be set.
6. All interior piping and appliance installation must conform to manufacturer's installation procedures and National Fuel Gas Code Handbook.

MATERIALS

1. PIPE - Only pipe and fittings approved by the Company can be used. Polyethylene plastic pipe that meets the requirements of ASTM specification D2513 **MUST** be used for gas service piping. **For medium pressure systems we require that you use 6500 series, medium density, yellow polyethylene pipe designated by ASTM on the pipe as PE2406. For high pressure systems or pipe over two inches contact KNG for pipe specifications.** All service fittings must be rated by the manufacturer to operate at 100 psig minimum.
2. FITTINGS - **The service line and all mechanical joints installed on the plastic pipe must be made by an installer with DOT Operator Qualifications using qualified procedures. Federal regulations prohibit the installation of fittings on plastic pipe by non-qualified personnel.**
3. TRACER WIRE - Number 12 solid copper tracer wire must be installed in the same trench parallel to the plastic pipe for future locating of the line with the wire wrapped around bracket at structure and 5' to 8' left sticking out of ground on street end.
4. **RISER - Only factory assembled risers are permitted. Perfection risers may be purchased from KNG Energy.**
5. INTERNAL PIPING – Internal piping must be black iron and sized according to load. **Pipe must be wrapped or sleeved through wall.** (See National Fuel Gas Code Handbook)
6. METER SETTING – Commercial meter settings must be designed and purchased from KNG.