

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 three (3) 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. 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 approved by the Company that meets the requirements of ASTM specification D2513 **MUST** be used for gas service piping. **We require that you use 8300 series, high density, yellowstripe polyethylene pipe designated by ASTM on the pipe as PE4710/100 (PE3408).** All service fittings must be rated by the manufacturer to operate at 102 psig minimum. Contact KNG for steel services or pipe over two inches.
2. **FITTINGS** - **The service line and all mechanical joints installed on the plastic pipe must be made by qualified personnel 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.
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 Section 3.2)
6. **METER SETTING** – Commercial meter settings must be designed and purchased from KNG.