

1346.6000 CHAPTER 10, MANUFACTURED HOME PARK/COMMUNITY FUEL GAS EQUIPMENT AND APPLIANCE INSTALLATION.

Subpart 1. **Chapter 10.** The IFGC is amended by adding a chapter to read as follows:

CHAPTER 10

MANUFACTURED HOME PARK/COMMUNITY FUEL GAS

EQUIPMENT AND APPLIANCE INSTALLATION

Subp. 2. **General.** Except as otherwise permitted or required by this chapter, all fuel gas equipment and appliance installations in manufactured home parks and communities shall comply with the provisions of this code. The provisions of this chapter shall not apply to manufactured home gas piping, appliances, and equipment.

Subp. 3. **Required gas supply.** The minimum hourly volume of gas required at each manufactured home lot outlet or any section of the manufactured home gas piping system shall be calculated as shown in Table 1002. Required gas supply for buildings or other fuel gas utilization equipment and appliances connected to the manufactured home gas piping system shall be calculated as provided in this code.

Table 1002

Demand Factors for Calculating Gas Piping Systems in Manufactured Home Parks and Communities

Number of Manufactured Home Sites	Demand Factor (Btu/hr) per Manufactured Home Site	Demand Factor (Watts) per Manufactured Home Site
1	125,000	36,638
2	117,000	34,293
3	104,000	30,482
4	96,000	28,138
5	92,000	26,965
6	87,000	25,500
7	83,000	24,327
8	81,000	23,741
9	79,000	23,155

10	77,000	22,569
11-20	66,000	19,345
21-30	62,000	18,172
31-40	58,000	17,000
41-60	55,000	16,121
Over 60	50,000	14,655

Subp. 4. **Installation.** Gas piping shall not be installed underground beneath buildings or that portion of the manufactured home lot reserved for the location of manufactured homes, manufactured home accessory buildings or structures, concrete slabs, or automobile parking, unless installed in a gas-tight conduit complying with the following:

1. The conduit shall be of material approved for installation underground beneath buildings and not less than Schedule 40 pipe. The interior diameter of the conduit shall be not less than 0.5 inch (15 mm) larger than the outside diameter of the gas piping.

2. The conduit shall extend to a point not less than 12 inches (305 mm) beyond any area where it is required to be installed, or the outside wall of a building, and the outer ends shall not be sealed. Where the conduit terminates within a building, it shall be provided with access, and the space between the conduit and the gas piping shall be sealed to prevent leakage of gas into the building.

Exception: A gas piping lateral terminating in a manufactured home lot riser surrounded by a concrete slab shall not be required to be installed in a conduit, provided the concrete slab is entirely outside the wall line of the manufactured home, and is used for stabilizing other utility connections.

Subp. 5. **Manufactured home lot shutoff valve.** Each manufactured home lot shall have an approved gas shutoff valve installed upstream of the manufactured home lot gas outlet and located on the outlet riser at a height at least 6 inches (152 mm) above grade. Such valve shall not be located under a manufactured home. When the manufactured home lot is not in use, the outlet shall be equipped with an approved cap or plug to prevent accidental discharge of gas.

Subp. 6. **Manufactured home lot gas outlet.** Each manufactured home lot piped for gas shall be provided with an individual outlet riser at the manufactured home lot. The manufactured home lot gas outlet shall terminate with the point of delivery in the rear third section and within 4 feet (1,219 mm) of the proposed location of the manufactured home.

Subp. 7. **Mechanical protection.** All gas outlet risers, regulators, meters, valves, or other exposed equipment shall be protected from mechanical damage. Atmospherically

controlled regulators shall be installed in such a manner that moisture cannot enter the regulator vent and accumulate above the diaphragm. Where the regulator vent may be obstructed due to snow and icing conditions, shields, hoods, or other suitable devices shall be provided to guard against closing the vent opening.

Subp. 8. **Meters.** Meters shall not be installed in unvented or inaccessible locations or closer than 3 feet (914 mm) from sources of ignition. When meters are installed, they shall not depend on the gas outlet riser for support, but shall be adequately supported by a post or bracket placed on a firm footing, or other means providing equivalent support.

Subp. 9. **Meter shutoff valve.** All meter installations shall be provided with a shutoff valve located adjacent to and on the inlet side of the meter. For installations utilizing a liquefied petroleum gas container, the container service valve shall serve as the shutoff valve.

Subp. 10. **Gas pipe sizing.** The size of each section of natural gas or liquefied petroleum gas piping systems shall be determined as specified in this code.

Subp. 11. **Maintenance.** The manufactured home park/community operator shall be responsible for maintaining all gas piping installations and equipment in good working condition.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 326B.02; 326B.101; 326B.106; 326B.13*

History: *29 SR 299; L 2007 c 140 art 4 s 61; art 13 s 4; 34 SR 537; 39 SR 690*

Published Electronically: *January 28, 2015*