

1346.5101 ADMINISTRATION.

Subpart 1. **Scope.** This code shall apply to the installation of fuel gas piping systems, fuel gas appliances, gaseous hydrogen systems, and related accessories in accordance with this code.

Subp. 2. **Gaseous hydrogen systems.** Gaseous hydrogen systems shall be regulated by IFGC chapter 7, as amended.

Subp. 3. **Piping systems.** This code applies to piping systems for natural gas with an operating pressure of 125 pounds per square inch gauge (psig) (862 kPa gauge) or less, and for LP-gas with an operating pressure of 20 psig (140 kPa gauge) or less, except as provided in IFGC section 402.6.1. Coverage shall extend from the point of delivery to the outlet of the appliance shutoff valves. Piping system requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation, and maintenance.

Subp. 4. **Gas appliances.** This code applies to gas appliances and related accessories on the side of the meter that supply gas to the building piping system and shall include installation, combustion, and ventilation air and venting and connections to piping systems.

Subp. 5. **Systems, appliances, and equipment outside the scope.** This code shall not apply to the following:

1. Portable LP-gas appliances and equipment of all types that is not connected to a fixed fuel piping system.
2. Installation of farm appliances and equipment such as brooders, dehydrators, dryers, and irrigation equipment.
3. Raw material (feedstock) applications except for piping to special atmosphere generators.
4. Oxygen-fuel gas cutting and welding systems.
5. Industrial gas applications using gases such as acetylene and acetylenic compounds, hydrogen, ammonia, carbon monoxide, oxygen, and nitrogen.
6. Petroleum refineries, pipeline compressor or pumping stations, loading terminals, compounding plants, refinery tank farms, and natural gas processing plants.
7. Integrated chemical plants or portions of such plants where flammable or combustible liquids or gases are produced by, or used in, chemical reactions.
8. LP-gas installations at utility gas plants.
9. Liquefied natural gas (LNG) installations.
10. Fuel gas piping in power and atomic energy plants.

11. Proprietary items of equipment, apparatus, or instruments such as gas-generating sets, compressors, and calorimeters.
12. LP-gas equipment for vaporization, gas mixing, and gas manufacturing.
13. Temporary LP-gas piping for buildings under construction or renovation that is not to become part of the permanent piping system.
14. Installation of LP-gas systems for railroad switch heating.
15. Installation of hydrogen gas, LP-gas, and compressed natural gas (CNG) systems on vehicles.
16. Except as provided in IFGC section 401.1.1, gas piping, meters, gas pressure regulators, and other appurtenances used by the serving gas supplier in the distribution of gas, other than undiluted LP-gas.
17. Building design and construction, except as specified in this rule.
18. Piping systems for mixtures of gas and air within the flammable range with an operating pressure greater than 10 psig (69 kPa gauge).
19. Portable fuel cell appliances that are neither connected to a fixed piping system nor interconnected to a power grid.

Subp. 6. **Other fuels.** The requirements for the design, installation, maintenance, alteration, and inspection of mechanical systems operating with fuels other than fuel gas shall be regulated by the Minnesota Mechanical Code, parts 1346.0050 to 1346.1500.

Statutory Authority: *MS s 326B.02; 326B.101; 326B.106; 326B.13*

History: *34 SR 537; 39 SR 690*

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