

Sec. 18-78. International Fuel Gas Code – Adopted and Amended.

(A) A certain document, one copy of which is on file in the City Clerk's Office of the City of Peoria, being marked and designated as "International Fuel Gas Code, ~~2015~~ 2018 Edition," published by the International Code Council is hereby adopted, as amended herein, as the Fuel Gas Code of the City of Peoria.

(B) The International Fuel Gas Code, ~~2015~~ 2018 Edition, is amended as follows:

(1) Chapter 1, "Scope and Administration" is hereby amended as follows:

Note: For reserved sections herein, refer to the Building Code of the City of Peoria Administrative Provisions for these code requirements.

101.1 Title. Insert the words "City of Peoria" in the name of jurisdiction.

Amend Section A101.3 Appendices to read as follows:

[A] 101.3 Appendices. The following appendices are adopted: Appendix A – Sizing and Capacities of Gas Piping; Appendix B – sizing of Venting Systems Serving Appliances Equipped With Draft Hoods, Category 1 Appliances and Appliances Listed for Use With Type B Vents; Appendix C – Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems.

Delete Chapter 1, Part 2-Administration and Enforcement in its entirety and replace with the following:

Part 2- Administration and Enforcement

Section 103 (IFGC) Department of Inspection – RESERVED

Section 104 (IFGC) Duties and Powers of the Code Official – RESERVED

Section 105 (IFGC) Approval – RESERVED

Section 106 (IFGC) Permits – RESERVED

Section 107 (IFGC) Inspections and Testing – RESERVED

Section 108 (IFGC) Violations – RESERVED

Section 109 (IFGC) Means of Appeal – RESERVED

Section 110 (IFGC) Temporary Equipment, Systems and Uses – RESERVED

(2) Chapter 4, "Gas Piping Installations" is hereby amended as follows:

Amend Section 403 (IFGC) "Piping Materials" to read as follows:

403.12 Flanges.

Flanges and flange gaskets shall comply with Sections 403.12.1 through 403.12.7.

403.12.1 Cast iron.

Cast-iron flanges shall be in accordance with ASME 816.1

403.12.2 Steel.

Steel flanges shall be in accordance with ASME 816.5 or ASME 816.47.

403.12.3 Nonferrous.

Nonferrous flanges shall be in accordance with ASME 816.24.

403.12.4 Ductile iron.

Ductile-iron flanges shall be in accordance with ASME 816.42.

403.12.5 Raised face.

Raised Face flanges shall not be joined to flat faced cast-iron, ductile-iron or nonferrous material flanges.

~~**403.12.6 Flange facings.**~~

~~Standard facings shall be permitted for use under this code. Where 150 pound (1034 kPa) pressure rated steel flanges are bolted to Class 125 cast iron flanges, the raised face on the steel flange shall be removed.~~

403.12.7 Lapped flanges.

Lapped flanges shall be used only above ground or in exposed locations accessible for inspection.

Amend SECTION 404 (IFGC) PIPING SYSTEM INSTALLATION to read as follows:

Amend Section 404.12 Minimum burial depth to read as follows:

404.12 Minimum burial depth. "Underground metallic piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade. Underground plastic piping systems shall be installed a minimum depth of 18 inches (457 mm) below grade."

404.12.1 Individual outside appliances. Delete in its entirety.

Amend SECTION 406 (IFGC) INSPECTION, TESTING AND PURGING to read as follows:

~~Amend Section 406.4 Test Pressure measurement to read as follows:~~

~~**406.4 Test Pressure measurement.** Test pressure shall be measured with a manometer or with a pressure-measuring device designed and calibrated to read, record or indicate a pressure loss caused by a leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. Mechanical gauges used to measure test pressures shall have a range such that the highest end of the scale is not greater than 5 times the test pressure, and shall be measured in one tenth pound increments.~~

~~Amend Section 406.4.1 Test Pressure to read as follows:~~

~~**406.4.1 Test Pressure.** The test pressure to be used shall be not less than 10 psi or 1½ times the proposed maximum working pressure, whichever is greater.. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the *piping* greater than 50 percent of the specified minimum yield strength of the pipe.~~