

Curtain Fire Damper; Smoke Damper; Duct Outlet; Ceiling Fire Damper; Smoke/Fire Damper (per each item)	\$2.00
Building-related and Fire Codes Appeals and Advisory Board Fees	
Building-related and Fire Codes Appeal Fee	\$155.00
Special Heating and Air Conditioning (Mechanical) Fees	
After-hour Inspection Fee (per hour with 1 hour minimum)	\$100.00
Inspection for which no fee is specifically indicated (per hour with 1 hour minimum)	\$100.00
Permit Processing Fee	\$10.00
Inspection Schedule Fee (Free on-line)	\$3.00
Mechanical Plan Review—This fee is charged to review plans without a building permit (per hour with a 1 hour minimum)	\$100.00
Permit Extension Fee: 50% of permit (plus cost of permit)	<u>50% of permit (plus cost of permit)</u>
Re-inspection Fee	\$51.50
Open Permit Review Fee	\$3.00/Permit
Annual Continuing Education for City Licenses Holder	\$150.00
Permit Refund Fee	\$50.00
Permit Amendment Fee	\$10.00
Rental of Facility Fees: \$125/hr (daily min. fee of \$250; Max fee of \$1000); Security Personnel: \$15/hour/staff (with 1 hour minimum); DSD Staff: \$30/hour/staff (with 1 hour min.); Custodian Service: \$15/hour (with 2 hour min.)	

Secs. 10-64—10-70. - Reserved.

ARTICLE VIII. - GAS CODE

Sec. 10-71. - Adoption of *International Fuel Gas Code* (~~2018~~2021).

The ~~2018~~2021 edition of the *International Fuel Gas Code*, Chapters 2 through 8 and Appendices A through C, promulgated by the International Code Council, is adopted and incorporated in this article by reference as if fully set forth, except as it is amended by the following provisions of Section 10-72. Provisions of this article are in addition to the provisions of the *International Fuel Gas Code*. The following provisions coinciding with the provisions of the *International Fuel Gas Code* supersede, repeal, or delete, when indicated, the corresponding provisions of the *International Fuel Gas Code*.

All references within the model codes to any building, electrical, fuel gas, mechanical, plumbing, energy conservation, ~~or existing building~~, or swimming pool code shall be construed to be a reference to the respective building, electrical, fuel gas, mechanical, plumbing, energy conservation, ~~or existing building~~, or swimming pool code specifically adopted by reference in Articles II through XIV~~V~~ of this chapter.

Sec. 10-72. - Amendments to the adopted chapters and appendices of the *International Fuel Gas Code* (~~2018~~2021).

Additions to the *International Fuel Gas Code* (IFGC) are shown as underlined text. Deletions of the IFGC are shown as bracketed ~~[strike throughs]~~.

Section 202, *GENERAL DEFINITIONS*, is amended by adding the following definition:

NFPA 70. The National Electrical Code, as amended by Article VI of this Code.

Section 301 (IFGC), *GENERAL*, is amended by adding Section 301.16, *Separation from electrical lines in a ditch*, to read as follows:

301.16 Separation from electrical lines in a ditch. When outside the footprint of the building, no plumbing, gas, sewer, or water piping shall be installed in the same ditch with electric lines unless a separation of 36 inches (914 mm) horizontally is maintained.

Section 401.5, *Identification*, is amended to include a second paragraph to read as follows:

401.5 Identification. For other than steel pipe, exposed *piping* shall be identified by a yellow label marked "Gas" in black letters. The marking shall be spaced at intervals not exceeding 5 feet (1524 mm). The marking shall not be required on pipe located in the same room as the *appliance* served.

All medium pressure gas piping systems shall identify its operating gas pressure with an approved metallic tag and the following wording shall be stamped into the tag at the meter:

WARNING
1-5 psi gas pressure
Do Not Remove

~~Section 403.4.2, *Steel*, is amended as follows:~~

~~**403.4.2 Steel.** Steel, stainless steel and wrought iron pipe shall be not lighter than Schedule 40 [10], and shall comply with the dimensional standards of ASME B36.10M and one of the following standards;~~

~~—1. ASTM A53/A53M.~~

~~—2. ASTM A106.~~

~~—3. ASTM A312.~~

~~Section 403.5.5, *Corrugated stainless steel tubing*, is amended as follows:~~

~~403.5.5 Corrugated stainless steel tubing.~~ ~~Corrugated stainless steel tubing shall be listed with an arc-resistant jacket or coating system in accordance with ANSI LC 1/CSA 6.26 starting 90 days after the adoption of this code.~~

DRAFT

Section 403.~~409~~, *Metallic piping joints and fittings*, is amended by adding section 403.~~409~~.6, *Welded pipe*, as follows:

403.~~409~~.6. Welded pipe. All welded joints in piping system shall be welded by a certified pipe welder as defined in Article II of this chapter.

Section 404.2, *CSST*, is amended by adding sections 404.2.1, *Meter loop*, and 404.2.2, *Exterior walls*; as follows:

404.2.1 Meter loop. CSST is prohibited in the meter loop.

404.2.2 Exterior walls. CSST is prohibited in exterior walls.

Section 404.6, *Underground penetrations prohibited*, is amended by adding the following exception:

404.6 Underground penetrations prohibited. Gas piping shall not penetrate building foundation walls at any point below grade. Gas piping shall enter and exit the building at a point above grade and the annular space between the pipe and the wall shall be sealed.

Exception: Gas piping may penetrate a slab-on-grade foundation, above or below grade, where the installation complies with Section 404.14.

Section 406.4.1, *Test pressure*, is deleted and replaced with the following text:

406.4.1 Test pressure. The rough-in piping inspection shall include testing by closing all openings and subjecting the pipes to an air pressure that will support a column of mercury 15 inches (381 mm) in height or a 10 psi air test. For gas systems with pressures in excess of 14 inches of water column, the test pressure shall not be less than 1.5 times the operating pressure for the system and shall hold this pressure for a minimum of 30 minutes.

The final inspection shall include a column of mercury six inches (152 mm) in height or of a five psi air test with appliance shut-off valves attached thereto. For gas systems with pressures in excess of 14 inches of water column, the test pressure shall not be less than 1.5 times the operating pressure for the system and shall hold this pressure for a minimum of 30 minutes. ~~[The test pressure to be used shall be not less than 1 ½ times the proposed maximum working pressure, but not less than 3 psig (20 kPa gauge), irrespective of design pressure. 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.]~~

Section 406.4.2, *Test duration*, is amended as follows:

406.4.2 Test duration. Test duration shall be held for a length of time satisfactory to the code official, but in no case for less than 15 minutes. For welded piping, and for piping carrying gas at a pressure in excess of 14 inches of water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the code official, but in no case for less than 30 minutes. ~~[not less than ½ hour for each 500 cubic feet (14 m³) of pipe volume or fraction thereof. When testing a system having a volume less than 10 cubic feet (0.28 m³) or a system in a single-family dwelling, the test duration shall be not less than 10 minutes.]~~ The duration of the test shall not be required to exceed 24 hours.

Section 406.4.3, *Test gauges*, is added as follows:

406.4.3 Test gauges. Test gauges shall be a grade 1A or better as per ANSI/ASME B40.100-2005.

Section 409.5, *Appliance shutoff valve*, is amended as follows and by adding the following exception:

409.5 Appliance shutoff valve. Each appliance shall be provided with a shutoff valve in accordance with Section 409.5.1~~[-]~~ or 409.5.2. ~~[or 409.5.3.]~~

Exception: An outdoor appliance shall have a shutoff valve at the piping connection to the gas piping system.

Section 409.5.3, *Located at manifold*, is repealed in its entirety.

Secs. 10-73—10-80. - Reserved.

ARTICLE IX. - PLUMBING CODE

Sec. 10-81. - Adoption of *International Plumbing Code* (2018~~2021~~).

The 2018~~2021~~ edition of the *International Plumbing Code*, Chapters 2 through 15 and Appendices B through E, promulgated by the International Code Council, is adopted and incorporated in this article by reference as if fully set forth, except as it is amended by the following provisions of section 10-82. Provisions of this article are in addition to the provisions of the *International Plumbing Code*. The following provisions coinciding with the provisions of the *International Plumbing Code* supersede, repeal, or delete, when indicated, the corresponding provisions of the *International Plumbing Code*.

All references within the model codes to any building, electrical, fuel gas, mechanical, plumbing, energy conservation, ~~or existing building~~, or swimming pool code shall be construed to be a reference to the respective building, electrical, fuel gas, mechanical, plumbing, energy conservation, ~~or existing building~~, or swimming pool code specifically adopted by reference in articles II through XIV~~II~~ of this chapter.

Sec. 10-82. - Amendments to the adopted chapters and appendices of the *International Plumbing Code* (2018~~2021~~).

Additions to the *International Plumbing Code* (IPC) are shown as underlined text. Deletions of the IPC are shown as bracketed ~~[strikethroughs]~~.

Section 202, *GENERAL DEFINITIONS, GREASE INTERCEPTOR*, Gravity is amended as follows:

Gravity. Plumbing appurtenances of not less than 500 gallons (1893 L) capacity that are installed in the sanitary drainage system to intercept free-floating fats, oils, and grease from wastewater discharge. Separation is accomplished by gravity during a retention time of not less than 30 minutes. The appurtenance shall be a double compartment, first compartment 60% and the second compartment 40% with a minimum 20" manhole access to each compartment unless otherwise approved by the code official.

Section 202, *GENERAL DEFINITIONS*, is amended by adding the following definitions:

NFPA 70. The National Electrical Code, as amended by Article VI of this Code.

MEDICAL GAS PIPING ENDORSEMENT. A document entitling the holder of a Master or Journeyman Plumber License to install piping that is used solely to transport gases used for medical purposes including, but not limited to oxygen, nitrous oxide, medical air, nitrogen, medical vacuum. A document entitling the holder of a Plumbing Inspector License to inspect medical gas and vacuum system installations.

MULTIPURPOSE RESIDENTIAL FIRE PROTECTION SPRINKLER SPECIALIST ENDORSEMENT. A document entitling the holder of a Master or Journeyman Plumber License to install a multipurpose residential fire protection sprinkler system in a one or two family dwelling. A document entitling the