

Inspection for which no fee is specifically indicated (per hour with one-hour minimum)	\$100.00
Inspection schedule fee (free on-line)	\$3.00
Permit processing fee	\$10.00
Permit extension fee	50% of permit (plus cost of permit)
Re-inspection fee	\$51.50
Permit refund fee	\$50.00
Open permit review fee	\$3.00/permit
Permit amendment fee	\$10.00
Link child permit to parent permit fee	\$5.00
Contractor number research fee	\$10.00
Duplicate copy of city issued electrical license	\$10.00
Rental of facility fees: \$125.00/hr (daily min. fee of \$250.00; max fee of \$1,000.00); security personnel—\$15.00/hour/staff (with one-hour minimum); DSD staff—\$30.00/hour/staff (with one-hour min.); custodian service—\$15.00/hour (with two-hour min.)	

**Secs. 10-55—10-60. - Reserved.**

## **ARTICLE VII. - MECHANICAL CODE**

**Sec. 10-61. - Adoption of *International Mechanical Code* (2018~~2021~~).**

The 2018~~2021~~ edition of the *International Mechanical Code*, promulgated by the International Code Council, Chapters 2 through 15 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 10-62. Provisions of this article are in addition to the provisions of the *International Mechanical Code*. The following provisions coinciding with the provisions of the *International Mechanical Code* supersede, repeal, or delete, when indicated, the corresponding provisions of the *International Mechanical 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. 10-62. - Amendments to the adopted chapters of the *International Mechanical Code* (2018~~2021~~).**

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

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 301.10, *Electrical*, is amended as follows:

**301.10 Electrical.** Electrical wiring, controls and connections to equipment and appliances regulated by this code shall be in accordance with NFPA 70. All wiring, including control wiring, exposed to weather shall be installed in a raceway approved for the environment.

Section 304, *INSTALLATION*, is amended by adding Section 304.13 *Installation at gas valve*, as follows:

**304.13 Installation at gas valve.** Minimum Schedule 40 metallic pipe shall be installed at the gas valve and extended a minimum of two inches outside the gas furnace and gas rooftop unit's casing and may be connected to an approved listed flexible gas connector.

Section 306.3, *Appliances in attics*, is amended by adding 306.3.2 *Access for cooling or heating appliance*, as follows:

**306.3.2 Access for cooling or heating appliance.** For ~~new~~ one-and two-family residential occupancies and townhomes with newly installed cooling or heating appliances, in the attic space, in which any cooling or heating appliance is installed shall be provided with a permanent ladder, ~~for~~ fold-away ladder or direct access door opening from the house on the same floor level shall be installed.

Section 307.2.1, *Condensate disposal*, is deleted and replaced with the following text:

**307.2.1 Condensate disposal.** Condensate disposal shall be in accordance with Chapter 34, Section 34-274 of the City Code of San Antonio. [Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Condensate shall not discharge into a street, alley or other areas so as to cause a nuisance.]

Section 307.2.2, *Drain pipe materials and sizes*, is amended as follows; All other code text remains as is:

**307.2.2 Drain pipe materials and sizes.** Components of the condensate disposal system shall be ABS, cast iron, copper and copper alloy, CPVC, galvanized steel, copper, copper alloy, cross-linked polyethylene, galvanized steel, PE-RT, polyethylene, ABS, CPVC, PVC or polypropylene, pipe-PVC or PVDF pipe or tubing. Components shall be selected for the pressure and temperature rating of the installation. Joints and connections shall be made in accordance with the applicable provisions of Chapter 7 of the *International Plumbing Code* relative to the material type. Condensate waste and drain line size shall be not less than ¾-inch pipe size internal diameter and shall not decrease in size from the drain pan connection to the place of condensate disposal. Where the drain pipes from more than one unit are manifolded together for condensate drainage, the pipe or tubing shall be sized in accordance with Table 307.2.2. Primary drain lines located in any unconditioned space, except for crawl spaces, shall be insulated with foam plastic rubber based insulation or approved material with a minimum thickness of 3/8 inch.

Section 307.2.4.1, *Ductless mini-split system traps*, is amended as follows:

**307.2.4.1 Ductless mini-split system traps.** Ductless mini-split equipment that produces condensate shall be provided with an in-line check valve located in the drain line, or a trap in accordance with their manufacturers' recommendations.

~~Section 505.6, Other than Group R, is amended as follows:~~

~~**505.6 Other than Group R.** In other than Group R occupancies, where domestic cooktops, ranges, and open-top broilers are used for domestic purposes, domestic cooking exhaust systems shall be provided. Portable fire extinguishers shall be installed at each cooking appliance per IFC Section 906.~~

Section 606.2, Where required, is amended as follows; All other code text remains as is:

**606.2 Where required.** Smoke detectors shall be installed where indicated in Section 606.2.1 through 606.2.3 or in accordance with NFPA 90A "Standard for the Installation of Air Conditioning and Ventilating Systems."

Section 1101.~~190~~, Locking access port caps, is amended ~~by adding Exception 2~~ to read as follows:

~~**1101.10-9 Locking**~~ **Access port caps.** Refrigerant circuit access ports located outdoors shall be fitted with locking type tamper-resistant caps or shall be otherwise secured to prevent unauthorized access.

**Exceptions:**

- ~~1.~~ This section shall not apply to refrigerant circuit access ports on equipment installed in controlled areas such as on roofs with locked access hatches or doors.
- ~~2.~~ A locking type tamper-resistant cap is not required when refrigerant circuits are located in a yard fully enclosed with a permanent barrier, fence, or combination thereof no less than 6 feet in height and obstructs unauthorized access.

Section 1102.3, Access port protection, is deleted.

[ ~~**1102.3 Access port protection.** Refrigerant access ports shall be protected in accordance with Section 1101.10 whenever refrigerant is added to or recovered from refrigeration or air-conditioning systems.]~~

~~Section 1107.4, Condensation, is amended by adding 1107.4.1, Air Conditioning and refrigeration pipe, as follows:~~

~~**1107.4.1 Air Conditioning and refrigeration pipe.** Air conditioning and refrigeration pipe and tubing insulation for refrigerant vapor (suction) lines located in any location where condensate will occur shall be insulated with insulation of the ACR type having a thermal resistivity of not less than R-4. Insulation shall be labeled and identified by the manufacturer.~~

**Sec. 10-63. - Fee schedule.**

Heating and Air Conditioning (Mechanical)	
Heating and Air Conditioning (Mechanical) License Fees	
<b>Master</b>	
<u>Master</u> Renewal—City License per year	\$150.00
<u>Annual state license registration</u>	<u>\$85.00</u>
Technician (journeyman) (may only perform work not requiring a permit)—Renewal	\$35.00

Heating and Air Conditioning (Mechanical) Inspection Fees	
Basic Heating and Air Conditioning (Mechanical) Permit (Basic Fee). See section 10-39 for new residential construction basic heating and air conditioning permit fee.	\$50.00
Residential (new systems) (includes inspection fee)	\$77.00
Each Additional System (includes inspection fee)	\$55.00
Roof-Top Unit (gas or electric)	\$15.85
Gas furnace; gas wall furnace; gas unit heater; gas radiant heater; gas boiler (steam); gas floor furnace; commercial gas dryer; gas boiler (hot water); gas duct heater (per each item)	\$9.60
Condensing unit; condensing unit/heat pump; indoor condensing unit; cooling coil; commercial exhaust fan; condenser (no compressor); commercial electric dryer; fan coil unit; fan powered box; type II range hood (steam); chiller; absorption unit; reach-in cooler; wall mounted unit; make-up air; heat pump; refrigeration unit; air handler; mini splits; electric furnace; electric unit heater; electric radiant heater; ventilation fan; variable air volume unit; type I range hood (grease); fume hood; cooling tower; walk-in cooler; icemaker (split system); evaporative cooler (refrigeration equipment); hot water coil; remote condensing unit; condenser (refrigeration equipment); ventilating fan (not on other permitted installation); hood served by mechanical exhaust (including ducts and makeup air systems); condensing unit (mobile homes and manufactured housing); any regulated device for which no specific fee is listed; replacement of any device which originally required a permit (per each item)	\$6.25

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: <del>50% of permit (plus cost of permit)</del>	<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).**