

ORDINANCE NO. 3480

AN ORDINANCE OF THE CITY OF MESQUITE, TEXAS, AMENDING CHAPTER 5 OF THE CODE OF THE CITY OF MESQUITE BY ADDING A NEW ARTICLE XII THEREBY ADOPTING THE INTERNATIONAL FUEL GAS CODE, 2000 EDITION, AND PROVIDING CERTAIN ADDITIONS AND DELETIONS THERETO; PROVIDING FOR A REPEALER CLAUSE; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY NOT TO EXCEED TWO THOUSAND (\$2,000.00) DOLLARS FOR EACH OFFENSE; AND DECLARING AN EFFECTIVE DATE.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MESQUITE, TEXAS:

**SECTION 1:** That Chapter 5 of the Code of the City of Mesquite, Texas, is hereby amended by adding a new Article XII to read as follows, in all other respects said Code and Chapter to remain in full force and effect:

**ARTICLE XII. FUEL GAS CODE**

**DIVISION 1. GENERALLY**

**Sec. 5-465. Adopted.**

The *International Fuel Gas Code*, 2000 Edition, a publication of the International Code Council (I.C.C.), is hereby adopted and designated as the official fuel gas code of the City of Mesquite to the same extent as if such Code were copied verbatim in this Article subject to the amendments prescribed in this Article. A copy of the *International Fuel Gas Code*, 2000 Edition, and the amendments thereto shall be maintained by the office of the City Secretary as an original document and ordinance of the city.

**DIVISION 2. AMENDMENTS**

**Sec. 5-466 Amendments to the International Fuel Gas Code, 2000 Edition.**

The following amendments are made to the *International Fuel Gas Code*, 2000 Edition:

(1) *Chapter 1, Administration.*

(a) *Section 102.2.* Amend by adding an exception to Section 102.2 to read as follows:

*Exception:* Existing dwelling units shall comply with Section 620.2 which states: One or more unvented room heaters shall not be used as the sole source of comfort heating in a dwelling unit.

- (b) *Section 102.8.* Amend by deleting the section in its entirety and adding a new Section 102.8 to read as follows:

*Referenced codes and standards.* The codes and standards referenced herein shall be those that are listed in Chapter 7, which have been specifically adopted by the City, and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Where NFPA 70 or the ICC Electrical Code are referenced herein, it shall mean the corresponding provision of the *National Electrical Code* as adopted.

- (2) *Chapter 2, Definitions.*

- (a) *Section 202.* Amend by adding a new definition for “Unvented Decorative Appliance” to Section 202 to read as follows:

*UNVENTED DECORATIVE APPLIANCE.* An unvented decorative appliance designed for stationary installation and utilized to provide comfort heating. Such appliance provides radiant heat or convection heat by gravity of fan circulation directly from the heater and does not utilize ducts.

- (3) *Chapter 3, General Regulations.*

- (a) *Section 302.3.* Amend by deleting the section in its entirety and adding a new Section 302.3 to read as follows:

*Cutting, notching and boring in wood members.* When permitted by the *International Building Code*, the cutting, notching and boring of wood framing members shall comply with Sections 302.3.1 through 302.3.3.

- (b) *Section 305.4.* Amend by deleting Section 305.4 in its entirety.

- (c) *Section 305.5.* Amend by adding a new Section 305.5 to read as follows:

*Clearances from grade.* Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending above adjoining grade a minimum of three inches (76 mm) or shall be suspended a minimum of six inches (152 mm) above adjoining grade.

- (d) *Section 306.3.* Amend by deleting the section in its entirety and adding a new Section 306.3 to read as follows:

*Appliances in attics.* Attics containing appliances requiring access shall be provided with an opening and a clear and unobstructed passageway large enough to allow removal of the largest appliance, but not less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 20 feet (6096mm) in length when measured along the centerline of the passageway from the opening to the appliance. The passageway shall have continuous solid flooring in accordance with Chapter 5 not less than 24 inches (610 mm) wide. A level service space at least 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present along sides of the appliance where access is required. The clear access opening dimensions shall be a minimum of 20 inches (559 mm) by 30 inches (762 mm) or larger where such dimensions are not large enough to allow removal of the largest appliance. As a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair;
2. A pull-down stair; or
3. An access door from an upper floor level.

*Exception:* The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.

- (e) *Section 306.3.1.* Amend by deleting the section in its entirety and adding a new Section 306.3.1 to read as follows:

*Electrical requirements.* A lighting fixture controlled by a switch located at the required passageway opening and a receptacle outlet shall be provided at or near the equipment location in accordance with the *National Electrical Code* as adopted. Low voltage wiring of 50 volts or less shall be installed in a manner to prevent physical damage.

- (f) *Section 306.4.1.* Amend by deleting the section in its entirety and adding a new Section 306.4.1 to read as follows:

*Electrical requirements.* A lighting fixture controlled by a switch located at the required passageway opening and a receptacle outlet shall be provided at or near the equipment location in accordance with the *National Electrical Code* as adopted. Low voltage wiring

of 50 volts or less shall be installed in a manner to prevent physical damage.

- (g) *Section 306.5.* Amend by deleting the section in its entirety and adding a new Section 306.5 to read as follows:

*Appliances on roofs or elevated structures.* Where equipment and appliances requiring access are installed on roofs or elevated structures at a height exceeding 16 feet (4877 mm), such access shall be provided by a permanent approved means of access. Permanent exterior ladders providing roof access need not extend closer than eight feet (2438 mm) to the finish grade or floor level below and shall extend to the equipment and appliance's level service space. Such access shall not require climbing over obstructions greater than 30 inches (762mm) high or walking on roofs having a slope greater than four units vertical in 12 units horizontal (33-percent slope). A receptacle outlet shall be provided at or near the equipment and appliance location in accordance with the *National Electrical Code* as adopted.

- (h) *Section 306.5.1.1.* Amend by adding a new Section 306.5.1.1 to read as follows:

*Catwalk.* On roofs having slopes greater than four units vertical in 12 units horizontal, a catwalk at least 16 inches in width with substantial cleats spaced not more than 16 inches apart shall be provided from the roof access to the working platform at the appliance.

- (i) *Section 306.5.2.* Amend by deleting the section in its entirety and adding a new Section 306.5.2 to read as follows:

*Electrical requirements.* A receptacle outlet shall be provided at or near the equipment location in accordance with the *National Electrical Code* as adopted. Low voltage wiring of 50 volts or less shall be installed in a manner to prevent physical damage.

- (j) *Section 306.7.* Amend by adding a new Section 306.7 to read as follows:

*Water heaters above ground floor.* Where the attic, roof, mezzanine or platform in which a water heater is installed is more than eight feet (2438 mm) above the ground of floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

- (k) *Section 306.7.1.* Amend by adding a new Section 306.7.1 to read as follows:

*Fuel burning appliances.* Whenever the mezzanine or platform is not adequately lighted or access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 306.3.1.

(4) *Chapter 4, Gas Piping Installations.*

- (a) *Section 401.5.* Amend by adding a second paragraph to Section 401.5 to read as follows:

Both ends of each section of medium pressure corrugated stainless steel tubing (CSST) shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING  
1/2 to 5 psi gas pressure  
DO NOT REMOVE"

- (b) *Section 402.3.* Amend by adding an exception to Section 402.3 to read as follows:

*Exception:* Corrugated stainless steel tubing (CSST) shall be a minimum of one-half inch (1/2").

- (c) *Section 404.6.* Amend by deleting the section in its entirety and adding a new Section 404.6 to read as follows:

*Piping in solid floors.* Piping in solid floors shall be laid in channels in the floor and covered in a manner that will allow access to the piping with a minimum amount of damage to the building. Where such piping is subject to exposure to excessive moisture or corrosive substances, the piping shall be protected in an approved manner. As an alternative to installation in channels, the piping shall be installed in accordance with Section 404.11.

- (d) *Section 404.9.* Amend by deleting the section in its entirety and adding a new Section 404.9 to read as follows:

*Minimum burial depth.* Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) below grade.

- (e) *Section 404.9.1.* Amend by deleting Section 404.9.1 in its entirety.

- (f) *Section 406.4.* Amend by adding a sentence to the end of the paragraph in Section 406.4 to read as follows:

The equipment used shall be of an appropriate scale such that pressure loss can be easily determined.

- (g) *Section 406.4.1.* Amend by deleting the section in its entirety and adding a new Section 406.4.1 to read as follows:

*Test pressure.* The test pressure to be used shall be not less than 10 psig (68.9 kPa gauge), the piping and valves may be tested at a pressure of at least six inches (152 mm) of mercury, measured with a manometer or slope gauge. For welded piping and piping carrying gas at pressures in excess of 14 inches water column pressure (3.48 kPa), the test pressure shall not be less than 60 pounds per square inch (413.4 kPa).

- (h) *Section 406.4.2.* Amend by deleting the section in its entirety and adding a new Section 406.4.2 to read as follows:

*Test duration.* Test duration shall be held for a length of time but in no case less than 15 minutes. For welded piping and piping carrying gas at pressures in excess of 14 inches water column pressure (3.48 kPa), the test duration shall be held for a length of time, but in no case less than 30 minutes.

- (i) *Section 409.1.4.* Amend by adding a new Section 409.1.4 to read as follows:

*Valves in CSST installations.* Shutoff valves installed with corrugated stainless steel (CSST) piping systems shall be supported with an approved termination fitting or equivalent support, suitable for the size of the valves, of adequate strength and quality and located at intervals so as to prevent or damp out excessive vibration but in no case greater than 12 inches from the center of the valve. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's piping, fittings and valves between anchors. All valves and supports shall be designed and installed so they will not be disengaged by movement of the supporting piping.

- (j) *Section 410.1.* Amend by adding a second paragraph and exception to Section 410.1 to read as follows:

Access to regulators shall comply with the requirements for access to appliances as specified in Section 306.

*Exception:* A passageway or level service space is not required when the regulator is capable of being serviced and removed through the required attic opening.

(5) *Chapter 6, Specific Appliances.*

- (a) *Section 613.6.* Amend by adding a sentence to the end of the paragraph of Section 613.6 to read as follows:

The size of duct shall not be reduced along its developed length nor at the point of termination.

- (b) *Section 613.6.1.* Amend by deleting the section in its entirety and adding a new Section 613.6.1 to read as follows:

*Maximum length.* The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the outlet terminal with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2 ½ feet (762 mm) for each 45-degree (0.79 rad) bend and five feet (1524 mm) for each 90-degree (1.6 rad) bend that occurs after the first two bends, measuring in the direction of airflow.

- (c) *Section 620.2.* Amend by adding an exception to Section 620.2 to read as follows:

*Exception:* Existing approved unvented heaters may continue to be used in dwelling units, in accordance with the code provisions in effect when installed, unless an unsafe condition is determined by the Code Official to exist as described in Section 108.7.

- (d) *Section 623.1.1.* Amend by deleting the section in its entirety and adding a new Section 623.1.1 to read as follows:

*Installation requirements.* The requirements for water heaters relative to access, sizing, relief valves, drain pans and scald protection shall be in accordance with the *International Plumbing Code*.

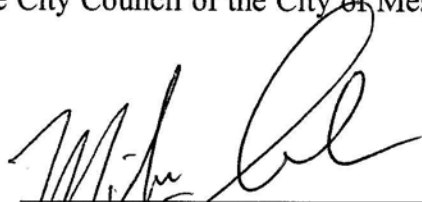
**SECTION 2.** That all ordinances or portions thereof in conflict with the provisions of this ordinance, to the extent of such conflict, are hereby repealed. To the extent that such ordinances or portions thereof are not in conflict herewith, the same shall remain in full force and effect.

**SECTION 3.** That should any word, sentence, clause, paragraph or provision of this ordinance be held to be invalid or unconstitutional, the validity of the remaining provisions of this ordinance shall not be affected and shall remain in full force and effect.

SECTION 4. That any person, firm or corporation violating any of the provisions or terms of this ordinance shall be deemed to be guilty of a Class C Misdemeanor and upon conviction in the Municipal Court shall be punished by a fine not to exceed Two Thousand (\$2,000.00) Dollars for each offense.

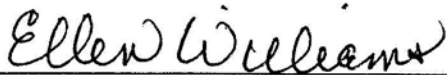
SECTION 5. That this ordinance shall take effect on April 4, 2002.

DULY PASSED AND APPROVED by the City Council of the City of Mesquite, Texas, on the 4th day of February, 2002.



Mike Anderson  
Mayor

ATTEST:



Ellen Williams  
City Secretary

APPROVED:



B. J. Smith  
City Attorney