

ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2009 EDITION OF THE INTERNATIONAL FUEL GAS CODE AND AMENDING TITLE 18 (BUILDING AND CONSTRUCTION), CHAPTER 18.24 (GAS CODE), OF THE EL PASO CITY CODE, TO PROVIDE FOR LOCAL AMENDMENTS TO THE 2009 INTERNATIONAL FUEL GAS CODE, THE PENALTY BEING AS PROVIDED IN SECTION 18.02.107 (VIOLATIONS AND PENALTIES) OF THE EL PASO CITY CODE.

WHEREAS, the 2009 edition of the International Fuel Gas Code has been published and adoption of the 2009 edition of the International Fuel Gas Code is now proposed; and

WHEREAS, the Development Services Department Director and the Planning and Development Legislative Review Committee have reviewed and favorably recommend the adoption of the 2009 International Fuel Gas Code together with the local amendments appropriate for the City of El Paso; and

WHEREAS, the City Council has deemed the proposed local amendments appropriate for the City of El Paso.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

A. That the book entitled “International Fuel Gas Code,” 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk’s Office, is hereby adopted by the City Council for the City of El Paso.

B. That Title 18 (Building and Construction), Chapter 18.24 (Gas Code), of the El Paso City Code, containing the local amendments to the 2009 International Fuel Gas Code, shall be and is hereby amended in its entirety to read as follows:

Chapter 18.24 GAS CODE*

18.24.010 Short title.

18.24.020 Adoption.

18.24.030 Section 305.3 Elevation of ignitions source, exceptions deleted

18.24.040 Section 311 Accessible and acceptable location, added.

18.24.050 Section 401.2 Liquefied petroleum gas storage, amended.

18.24.060 Section 404.1 Prohibited locations, amended.

18.24.070 Section 406.4 Test pressure measurement, amended.

18.24.080 Section 406.4.1 Test pressure, amended.

18.24.090 Section 406.4.2 Test duration, amended.

18.24.100 Section 406.4.3 Manufactured homes, added.

18.24.110 Section 417 Over 1-psi gas piping, added.

18.24.120 Conflicting ordinances.

* Prior history: Prior code §§ 6-75--6-78 and Ords. 8716, 8823, 9219, 9431, 9590, 9842, 9996, 10795, 11634, 13152, 14731, 15968.

18.24.010 Short title.

This chapter may be cited as the “Gas Code.”

18.24.020 Adoption.

The book entitled “International Fuel Gas Code,” 2009 Edition, a copy of which authenticated by the City Clerk is on file in the City Clerk’s Office, is adopted as the Gas Code of the City, as fully as if copied at length in this chapter, but with the changes set forth in this chapter and Chapter 18.02, the Building and Administrative Code of the City of El Paso.

18.24.030 Section 305.3 Elevation of ignitions source, exceptions deleted.

International Fuel Gas Code, 2009 Edition, Section 305.3 Elevation of ignitions source, is hereby amended to delete in their entirety the following exceptions:

Exception: Elevation of the *ignition source* is not required for appliances that are *listed* as flammable vapor ignition resistant.

Exception: This section shall not apply to *appliance* installations complying with section 305.4.

18.24.040 Section 311 Accessible and acceptable location, added.

International Fuel Gas Code, 2009 Edition, Section 311 Accessible and Acceptable Location, is hereby added to read as follows:

311 Accessible and Acceptable Location.

A meter location, when required, shall be provided for the building or premises to be served. The location shall be such that the meter and connections are accessible in order that they may be read or changed. Space requirements, dimensions, and type of installation shall be acceptable to the gas company. Meter location will be determined by the utility company in conformance with their service franchise.

18.24.050 Section 401.2 Liquefied petroleum gas storage, amended.

International Fuel Gas Code, 2009 Edition, Section 401.2, Liquefied petroleum gas storage, is hereby amended to read as follows:

401.2 Liquefied petroleum gas.

The storage system for liquefied petroleum gas shall be designed, installed and an operational permit obtained, in accordance with the Fire Code.

Exception: Liquefied petroleum gas system shall not be installed in Group R1, R2, R3 and R4 occupancies when a natural gas utility supply pipe is available within 1000 feet of the buildings.

18.24.060 Section 404.1 Prohibited locations, amended.

International Fuel Gas Code, 2009 Edition, Section 404.1 Prohibited locations, is hereby amended to add the following at the end of the section:

Section 404.1 Prohibited locations.

Where required: Accessible plumbing fixtures and facilities shall have an isolation valve at a point at or above grade.

18.24.070 Section 406.4 Test pressure measurement, amended.

International Fuel Gas Code, 2009 Edition, Section 406.4 Test pressure measurement, is hereby amended 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 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 two (2) times the test pressure. Tests requiring a pressure of 10 psi or less shall utilize a testing gauge having increments of 0.20 psi or less. Tests requiring a pressure greater than 10 psi but less than or equal to 100 psi shall utilize a testing gauge having increments of 1 psi or less. Tests requiring a pressure of greater than 60 psi shall utilize a testing gauge having increments of 2 psi or less.

18.24.80 Section 406.4.1 Test pressure, amended.

International Fuel Gas Code, 2009 Edition, Section 406.4.1 Test pressure, is hereby amended to read as follows:

406.4.1 Test pressure.

Low pressure gas piping shall withstand a pressure of at least 10 psi or 16 inches of mercury. Higher pressure gas piping shall withstand a pressure of at least 60 psi on a clock gauge with a printed record chart. For the purposes of this section, “low pressure” shall mean pressure equal to or less than 0.5 psi.

18.24.090 Section 406.4.2 Test duration, amended.

International Fuel Gas Code, 2009 Edition, Section 406.4.2 Test duration, is hereby amended to read as follows:

406.4.2 Test duration.

Test duration shall be not less than 15 minutes for low pressure gas piping and not less than 4 hours for higher pressure gas piping.

18.24.100 Section 406.4.3 Manufactured homes, added.

International Fuel Gas Code, 2009 Edition, Section 406.4.3 Manufactured homes, is hereby added to read as follows:

406.4.3. Manufactured Homes.

Appliance installations in manufactured housing meeting the requirements of the Texas Manufactured Housing Standards Act, or in industrialized housing or industrialized buildings meeting the requirements of the Texas Industrialized Housing and Building Act or bearing the

Federal Compliance Plate (ANSI-A119.1), including the appliance connections and the fuel gas piping system, shall not be subject to the provisions of this Code except for the-test provisions of International Fuel Gas Code, Section 406.

18.24.110 Section 417 Over 1-psi gas piping, added.

International Fuel Gas Code, 2009 Edition, Section 417 Over 1-psi gas piping, is hereby added to read as follows:

**Section 417
OVER 1-PSI GAS PIPING**

417.1 Scope and Responsibility.

Under this section appear additional fundamental requirements for the installation of consumer gas piping system using over 1-psi gas pressure. Responsibility for observing these requirements shall rest with the installing agency.

417.2 Requirements.

The requirements of the Gas Code are applicable to over 1-psi gas piping installations except as such requirements are modified in this chapter. Over 1-psi gas piping systems designed in accordance with this chapter and other requirements of this Code are intended for use where the building service regulator has been set to deliver gas at over 1-psi.

417.3 Over 1-PSI Piping System.

Systems designed for over 1-psi gas pressure downstream of the meter shall adhere to all requirements of this Code, of the Gas Utility, and as follows:

1. Drawings and calculations, including site plan and gas piping diagrams shall be submitted to the Gas Utility for approval.
2. The gas pressure shall be regulated to ounces before entering any building or structure, unless otherwise approved by the Gas Utility.
3. All underground lines and above-ground lines within six (6) inches of the ground shall be of wrapped steel. Joints in underground lines and above-ground lines within six (6) inches of the ground shall be welded. Approved plastic pipe may be installed underground, outside buildings, without wrapping.
4. All above-ground lines installed more than six (6) inches above the ground inside buildings shall be of wrapped or bare steel and shall use only welded pipe joints.
5. Gas lines, located outside buildings, and more than 6 inches above ground and operating at up to 5-psi pressure may be installed with approved threaded joints.
(Ord. 15968 § A (part), 2004)

18.24.120 Conflicting ordinances.

All ordinances and parts of ordinances in conflict with the provisions of this chapter are hereby repealed as follows: Ordinance No. 014731 dated 12-12-2000 and Ordinance No. 15968 dated 12-14-2004.

C. All references to the NEC, National Electrical Code, shall be construed to mean the Electrical Code of the City of El Paso.

D. The effective date of this ordinance shall be September 1, 2010. This ordinance shall be applicable to all permit applications received on or after that date.

E. Except as herein provided, Title 18 (Building and Construction) shall remain in full force and effect.

PASSED AND APPROVED this _____ day of _____, 2010.

THE CITY OF EL PASO

John F. Cook
Mayor

ATTEST:

Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:

APPROVED AS TO CONTENT:

Cynthia Osborn
Assistant City Attorney

Patricia D. Aauto
Deputy City Manager
Development & Infrastructure Services