

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, REPEALING ORDINANCE NO. 13-10-64; AMENDING DIVISION 8 (FUEL GAS), ARTICLE IV (TECHNICAL CODES), CHAPTER 18 (BUILDINGS AND BUILDING REGULATIONS), PART II OF THE FRISCO'S CODE OF ORDINANCES, ORDINANCE NO. 06-03-31, AS AMENDED; ADOPTING THE 2015 EDITION OF THE INTERNATIONAL FUEL GAS CODE, SAVE AND EXCEPT THE DELETIONS AND ADDITIONS SET FORTH HEREIN; REGULATING THE INSTALLATION OF FUEL-GAS PIPING SYSTEMS, FUEL-GAS UTILIZATION EQUIPMENT AND RELATED ACCESSORIES WITHIN THE CITY OF FRISCO, TEXAS; PROVIDING A PENALTY CLAUSE, SAVINGS/REPEALING CLAUSE, SEVERABILITY CLAUSE AND AN EFFECTIVE DATE; AND PROVIDING FOR THE PUBLICATION OF THE CAPTION HEREOF.

WHEREAS, the City Council of the City of Frisco, Texas ("City Council") has investigated and determined that it would be advantageous, beneficial and in the best interest of the citizens of the City of Frisco, Texas ("Frisco") to amend Division 8 (Fuel-Gas), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco's Code of Ordinances, Ordinance No. 06-03-31, as amended ("Code of Ordinances"), by adopting the 2015 Edition of the International Fuel Gas Code, save and except the deletions and additions set forth below; and

WHEREAS, the City Council has investigated and determined that in order to most effectively make the deletions and additions necessary to Division 8 (Fuel Gas), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances, it is in the best interest of the citizens of Frisco to repeal Ordinance No. 13-10-64 (Fuel Gas Code), in its entirety, and replace it with this Ordinance, adopting the 2015 Edition of the International Fuel Gas Code, save and except the deletions and additions set forth below.

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

SECTION 1: Findings Incorporated. The findings set forth above are incorporated into the body of this Ordinance as if fully set forth herein.

SECTION 2: Repeal of Ordinance No. 13-10-64. Ordinance No. 13-10-64 is hereby repealed, in its entirety, and replaced by this Ordinance. The effective date of the repeal discussed in this Section shall not occur until the effective date of this Ordinance at which time Ordinance No. 13-10-64 shall be repealed. Such repeal shall not abate any pending prosecution and/or lawsuit or prevent any prosecution and/or lawsuit from being commenced for any violation of Ordinance No. 13-10-64 occurring before the effective date of this Ordinance.

SECTION 3: Amendment to Division 8 (Fuel Gas), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances. Division 8 (Fuel Gas), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances is hereby amended for the sole purpose of adopting new fuel gas code regulations as set forth in the International Fuel Gas Code, copyrighted by the International Code Council, Inc., save and except the deletions and additions set forth in Exhibit A, attached hereto and incorporated herein for all purposes, regulating the installation of fuel gas piping systems, fuel gas utilization equipment and related accessories within Frisco (“2015 International Fuel Gas Code”). The 2015 International Fuel Gas Code is made a part of this Ordinance as if fully set forth herein. Three (3) copies of the 2015 International Fuel Gas Code are on file in the office of the City Secretary of Frisco being marked and designated as the 2015 International Fuel Gas Code. The deletions and additions set forth in Exhibit A are located on Frisco’s website under Development Services.

SECTION 4: Savings/Repealing. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from being commenced for any violation if occurring prior to the repeal of the ordinance. Any remaining portion of conflicting ordinances shall remain in full force and effect.

SECTION 5: Penalty Provision. Any person, firm, corporation or business entity violating this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction therefore, shall be fined a sum not exceeding TWO THOUSAND AND NO/100 DOLLARS (\$2,000.00), and each and every day that such violation continues shall be considered a separate offense; provided, however, that such penal provision shall not preclude a suit to enjoin such violation. Frisco retains all legal rights and remedies available to it pursuant to local, state and federal law.

SECTION 6: Severability. Should any section, subsection, sentence, clause or phrase of this Ordinance be declared unconstitutional and/or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. Frisco hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof, regardless of whether any one or more sections, subsections, sentences, clauses or phrases is declared unconstitutional and/or invalid.

SECTION 7: Effective Date. This Ordinance shall become effective upon its passage and publication as required by the City Charter and by law.

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DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, on this _____ day of _____, 2016.

Maher Maso, Mayor

**ATTESTED TO AND
CORRECTLY RECORDED BY:**

Jenny Page, City Secretary

APPROVED AS TO FORM:



Abernathy Roeder Boyd & Hullett, P.C.
Ryan D. Pittman, City Attorneys

Dates of Publication: _____, *Frisco Enterprise*

Exhibit A
CITY OF FRISCO DELETIONS/ADDITIONS
2015 INTERNATIONAL FUEL GAS CODE¹

The following deletions and additions to the 2015 International Fuel Gas Code are hereby approved and adopted (*i.e.* deletions evidenced by ~~striketrough~~ and additions evidenced by underline)²:

Chapter 1. Scope and Administration of the 2015 International Fuel Gas Code is amended as follows:

Section 102 Applicability of the 2015 International Fuel Gas Code is amended as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code, shall be those that are listed in Chapter 8 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102.8.2. 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.

Section 106 Permits of the 2015 International Fuel Gas Code is amended as follows:

106.6.2 Fee schedule. The fees for work shall be as established in indicated in the following schedule—Frisco’s Comprehensive Master Fees Ordinance, as amended:

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK.]

¹ Unless otherwise expressly provided herein, all phrases, words and/or terms used herein shall have the same meaning ascribed to the same in the 2015 International Fuel and Gas Code (regardless of whether such phrases, words and/or terms are italicized herein).

² Other italicized and bold notations are provided throughout for informational purposes only. By way of example only, “[*Paragraph remains unchanged.*]”.

Plumbing Permit Fees						
For issuance of each permit						\$20.00
For issuance of each supplemental permit						\$10.00
For each plumbing fixture on one trap or a set of fixtures on one trap (including water, drainage piping and backflow protection therefore)						\$7.00
For each building sewer and each trailer park sewer						\$15.00
Rainwater systems - per drain (inside building)						\$7.00
For each cesspool (where permitted)						\$25.00
For each private sewage disposal system \$						\$40.00
For each water heater and / or vent \$						\$7.00
For each gas-piping of one to five outlets						\$5.00
For each additional gas piping system outlet, per outlet						\$1.00
For each industrial waste pretreatment interceptor including its trap and vent, except kitchen type grease interceptors functioning as fixture traps						\$7.00
For each installation, alteration or repair of water piping and / or water treating equipment						\$7.00
For each repair or alteration of drainage or vent piping, each fixture						\$7.00
For each lawn sprinkler system on any one meter including backflow protection device						\$35.00
For atmospheric-type vacuum breakers						
1 to 5						\$5.00
over 5, each						\$1.00
For each backflow protective device other than atmospheric type vacuum breakers:						
2 inch (51mm) diameter and smaller						\$7.00
over 2 inch (51mm)						\$15.00
For each graywater system						\$40.00
For initial installation and testing for a reclaimed water system						\$30.00
For each annual cross-connection testing of a reclaimed water system (excluding in						\$30.00
For each medical gas piping system serving one to five inlet(s) / outlet(s) for a spec						\$50.00
For each additional medical gas inlet(s) / outlet(s)						\$5.00

106.6.3 Fee refunds. The code official shall authorize the refunding of fees as follows:

2. Not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

Chapter 3. General Regulations of the 2015 International Fuel Gas Code is amended as follows:

Section 306 Access and Service Space of the 2015 International Fuel Gas Code is amended as follows:

306.3 Appliances in attics. Attics containing appliances shall be provided with an opening and unobstructed passageway large enough to allow removal of the

largest appliance. The passageway shall not be less than thirty 30 inches (762 mm) high and twenty-two 22 inches (559 mm) wide and not more than twenty 20 feet (6096 mm) in length measured along the center line of the passageway from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring not less than twenty-four 24 inches (610 mm) wide. A level service space not less than thirty 30 inches (762 mm) deep and thirty 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be a minimum of twenty 20 inches by thirty 30 inches (508 mm by 762 mm), or larger and large enough to allow removal of the largest appliance. At a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair or ladder fastened to the building.
2. A pull down stair with a capacity of three hundred (300) pounds.
3. An access door from an upper floor level.

306.5 Equipment and appliance on roofs or elevated structures. Where equipment requiring access or appliances are located on elevated structures or the roof of a building such that personnel will have to climb higher than sixteen 16 feet (4877mm) above grade to access such equipment or appliances, an interior or exterior means of access shall be provided. Such access shall not require climbing over obstructions greater than thirty 30 inches (762mm) in height or walking on roofs having a slope greater than four 4 units vertical in twelve 12 units horizontal (33-percent slope). Such access shall not require the use of portable ladders. Permanent exterior ladders providing access need not extend closer than eight (8) feet (2438mm) to the finish.

306.5.1 Sloped roofs. Where appliances, equipment, fans or other components that require service are installed on a roof having a slope of 3 units vertical in 12 units horizontal (25-percent slope) or greater and having an edge more than 30 inches (762 mm) above grade at such edge, 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 a level platform at the appliance. [Remainder unchanged]

306.7 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight 8 feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway, permanent ladder with a minimum three hundred 300 pound capacity fastened to the building or an access door from an upper floor level.

Exception: Where a max ten 10 gallon water heater (or larger with prior approval) is capable of being accessed through a lay-in ceiling and a water heater is installed on a platform not more than ten 10 feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.

Chapter 4. Gas Piping Installations of the 2015 International Fuel Gas Code is amended as follows:

Section 401 General of the 2015 International Fuel Gas Code is amended as follows:

401.5 Identification. *[Paragraph remains unchanged.]*

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

“Warning: ½ to 5 psi gas pressure. Do Not Remove!”

Section 404 Piping System Installation of the 2015 International Fuel Gas Code is amended as follows:

404.12 Minimum burial depth. All underground piping systems shall be installed a minimum depth of ~~12-18 inches (305 mm)~~ (457 mm) below grade; ~~except as provided for in Section 404.12.1.~~

~~[404.12.1 Individual outside appliances, is deleted in its entirety]~~

404.17.2 Connections. Connections made outdoors and underground between metallic and plastic piping shall be made only with transition fittings conforming to ASTM D 2513 Category I or ASTM F 1973. Compression-type mechanical joints are not permitted below ground.

Section 406 Inspection, Testing and Purging of the 2015 International Fuel Gas Code is amended 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 five times the test pressure.~~

406.4.1 Test pressure. The test pressure to be used shall ~~be no less than 1 1/2 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, not be less than 3 psig (20 kPa gauge), or at the discretion of the building official, the piping and valves may be tested at a pressure of at least six (6) inches (152 mm) of mercury, measured with a manometer or slope gauge.~~

For welded piping and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa) (1/2 psi) and less than two hundred (200) inches of water column pressure (52.2 kPa) (7.5 ps), the test pressure shall be not less than ten (10) pounds per square inch (69.6 kPa). For piping carrying gas at a pressure that exceeds two hundred (200) inches of water column (52.2 kPa) (7.5 psi), the test pressure shall not be less than one and one-half (1/2) time the proposed maximum working pressure.

Diaphragm gauges used for testing must display a current calibration and be in good working condition. The appropriate test must be applied to the diaphragm gauge used for testing.

Section 409 Shutoff Valves of the 2015 International Fuel Gas Code is amended as follows:

409.1.4 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 valve, of adequate strength and quality, and located at interval so as to prevent or damp out excessive vibration but in no case greater than twelve (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.

Chapter 5. Chimneys and Vents of the 2015 International Fuel Gas Code is amended as follows:

Section 503 Venting of appliances of the 2015 International Fuel Gas Code is amended as follows:

503.6.11 Support of gas vents. Gas vents shall be supported and spaced in accordance with the manufacturer's installation instructions. Supports shall be installed at every offset and at the vent pipe where it extends through the roof flashing, roof jack or roof thimble. Adjustable fittings shall not be used as lateral support for roof penetration.

Chapter 6. Specific Appliances of the 2015 International Fuel Gas Code is amended as follows:

Section 614 Clothes Dryer Exhaust of the 2015 International Fuel Gas Code is amended as follows:

~~[614.5 Dryer exhaust duct power ventilators, is deleted in its entirety]~~

~~[614.8.4.3 Dryer exhaust duct power ventilator length, is deleted in its entirety]~~

614.8.5 Length identification. Where the exhaust duct equivalent length exceeds 35 feet (10 668 mm), the equivalent length of the exhaust duct shall be identified on a permanent label or tag. The label or tag shall be located ~~within 6 feet (1829 mm) of~~ at the exhaust duct connection.

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(This Index is provided for informational purposes only to note the location of the deletions/additions in the 2015 International Fuel Gas Code as set forth in this Ordinance)

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