

ORDINANCE NO. 2012-09-____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF MCKINNEY, TEXAS, AMENDING THE CODE OF ORDINANCES OF THE CITY OF MCKINNEY, CHAPTER 122, "CONSTRUCTION REGULATIONS", ARTICLE II, "BUILDING CODES", BY REVISING SECTION 122-26 REGARDING GAS PIPING AND SHUTOFF REQUIREMENTS; BY REVISING THE GAS PIPING AND SHUTOFF REQUIREMENTS IN SECTION 122-34, ENTITLED "INTERNATIONAL FUEL GAS CODE ADOPTED"; PROVIDING A PENALTY CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALER CLAUSE; AND PROVIDING FOR SAID ORDINANCE TO TAKE EFFECT FROM AND AFTER ITS DATE OF PUBLICATION

WHEREAS, the City of McKinney, Texas (the "City") is a Home Rule City possessing the full power of local self-government pursuant to Article 11, Section 5 of the Texas Constitution, Section 51.072 of the Texas Local Government Code, and the City's Home Rule Charter; and

WHEREAS, pursuant to section 54.004 of the Texas Local Government Code, the City Council of the City of McKinney, Texas ("City Council") possesses, the power to "enforce ordinances necessary to protect health, life, and property and to preserve the good government, order, and security of the municipality and its inhabitants"; and

WHEREAS, further the City Council possesses, pursuant to section 214.212(c) of the Texas Local Government Code, the authority to adopt local amendments to the International Residential Code; and

WHEREAS, the City Council finds and determines that construction standards may be revised in conformance with NFPA 54, to require building code amendments relating to gas piping or lines; and

WHEREAS, the City Council finds and determines that the amendment of chapter 122 of the Code of Ordinances of the City of McKinney, Texas, relating to construction regulations regarding gas piping and shutoffs is in the best interest of the citizens of the City of McKinney, Texas.

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

Section 1. The findings set forth above are incorporated into the body of this Ordinance as if fully set forth herein.

Section 2. Chapter 122, "Construction Regulations", Article II, "Building Codes", Section 122-26, "Amendments to Building and Residential Codes", of the Code of Ordinances of the City of McKinney, Texas, is hereby amended, to add amendments to the International Residential Code relating to corrugated stainless steel tubing, gas piping and gas shutoff requirements, as follows:

"Sec. 122-26. Amendments to Building and Residential Codes.

* * *

(b) The city council hereby adopts the Recommended Amendments to the 2006 International Residential Code prepared by the North Central Texas Council of Governments, dated September 2007, which are attached to the ordinance adopting these codes as attachment B. Attachment B is not set out herein, but is on file and available for inspection in the office of the city secretary. The 2006 International Residential Code shall be further modified to include the following:

E3509.7.1 Gas piping bonding. The gas piping system shall be bonded to the service equipment enclosure, the grounded conductor at the service, the grounding electrode conductor where of sufficient size, or to the one or more grounding electrodes used. The bonding jumper(s) shall be sized in accordance with Table E3503.1. The points of attachment of the bonding jumper(s) shall be accessible. If a steel manifold is used, a bonding clamp shall be attached to the steel manifold. The corrugated stainless steel tube portion of a CSST gas piping system shall not be used as the bonding attachment point. In addition, bonding is required for all metal air ducts, metal chimneys, appliance vents and other metal structures that are likely to become energized. Further, all gas piping bonding shall comply with the provisions of NFPA 54, National Fuel Gas Code, 2012 Edition, as amended, including but not limited to Section 7.13, "Electrical Bonding and Grounding."

The following language shall be added to **G2414.5.3 Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)**:

CSST shall be installed according to NFPA 54, as amended, and manufacturer specifications.

G2419.6 Excessive Gas Flow Shutoff Devices.

G2419.6.1 Definition. "Excessive gas flow shutoff device" shall mean those valves or devices activated by the rupture of gas supply piping on or within a building or structure, and designed to automatically shut off the gas supply when flow exceeds the design limits of the system or appliance served. These devices shall also be capable of automatically resetting when repairs have been completed and pressure is restored to the system.

G2419.6.2 Approval. Excessive gas flow shutoff devices shall be certified by Underwriter's Laboratories (UL), International Association of Plumbing and Mechanical Officials (IAPMO), American Gas Association (AGA) or other recognized listing and testing agency, and shall be approved by the Building Official.

G2419.6.3 Excessive Gas Flow Shutoff Device/Location. All gas piping systems must have at least one excessive gas flow shutoff device installed at the meter."

Section 3. Chapter 122, "Construction Regulations", Article II, "Building Codes", Section 122-34, "International Fuel Gas Code adopted", of the Code of Ordinances of the City of McKinney, Texas, is hereby amended, to add amendments to the International Fuel Gas Code relating to corrugated stainless steel tubing and gas flow shutoff requirements, as follows:

"Sec. 122-34. International Fuel Gas Code adopted.

The city council hereby adopts the 2006 edition of the International Fuel Gas Code. The city council further adopts the Recommended Amendments to the 2006 International Fuel Gas Code prepared by the North Central Texas Council of Governments, dated September 2007, which are attached to the ordinance adopting this code as attachment E. Copies of the code and the amendments thereto, as referenced herein, are on file in the office of the city secretary for permanent record and inspection. The chief building official, or his authorized representative, is hereby authorized and directed to enforce all provisions of the

International Fuel Gas Code, as adopted herein and as amended. In addition, all gas piping shall comply with the provisions of NFPA 54, National Fuel Gas Code, 2012 Edition, as amended. The International Fuel Gas Code shall be further modified to include the following:

The following language shall be added to **403.5.4 Corrugated Stainless Steel Tubing**:

CSST shall be installed according to NFPA 54, as amended, and manufacturer specifications.

Section 409.6 Excessive Gas Flow Shutoff Devices

Section 409.6.1 Definition. "Excessive Gas Flow Shutoff Device" shall mean those valves or devices activated by the rupture of gas supply piping on or within a structure, and designed to automatically shut off the gas supply when flow exceeds the design limits of the system or appliance served. These devices shall also be capable of automatically resetting when repairs have been completed and pressure is restored to the system.

Section 409.6.2 Approval. Excessive gas flow shutoff devices shall be certified by Underwriter's Laboratories (UL), International Association of Plumbing and Mechanical Officials (IAPMO), American Gas Association (AGA) or other recognized listing and testing agency, and shall be approved by the Building Official.

Section 409.6.3 Excessive Gas Flow Shutoff Device/Location. All gas piping systems must have at least one excessive gas flow shutoff device installed at the meter."

- Section 4. It is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs and sections of this ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City Council without the incorporation of this ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.
- Section 5. Any provision of any prior ordinance of the City whether codified or uncodified, which are in conflict with any provision of the Ordinance, are hereby repealed to the extent of the conflict, but all other provisions of the ordinances of the City whether codified or uncodified, which are not in conflict with the provisions of this Ordinance, shall remain in full force and effect.
- Section 6. This Ordinance shall become effective immediately upon its passage and publication as required by law.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MCKINNEY, TEXAS, ON THIS THE 18th DAY OF SEPTEMBER, 2012.

CITY OF MCKINNEY, TEXAS

BRIAN LOUGHMILLER
Mayor

CORRECTLY ENROLLED:

SANDY HART, TRMC, MMC
City Secretary
BLANCA I. GARCIA
Assistant City Secretary

DATE: _____

APPROVED AS TO FORM:

MARK S. HOUSER
City Attorney