

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS, REPEALING ORDINANCE NO. 13-10-65; AMENDING DIVISION 9 (MECHANICAL SYSTEMS), ARTICLE IV (TECHNICAL CODES), CHAPTER 18 (BUILDINGS AND BUILDING REGULATIONS), PART II OF THE FRISCO CODE OF ORDINANCES, ORDINANCE NO. 06-03-31, AS AMENDED; ADOPTING THE 2015 EDITION OF THE INTERNATIONAL MECHANICAL CODE, SAVE AND EXCEPT THE DELETIONS AND ADDITIONS SET FORTH HEREIN; REGULATING THE DESIGN, INSTALLATION, MAINTENANCE, ADDITION, ALTERATION AND INSPECTION OF MECHANICAL SYSTEMS THAT ARE PERMANENTLY INSTALLED AND UTILIZED TO PROVIDE CONTROL OF ENVIRONMENTAL CONDITIONS AND RELATED PROCESSES WITHIN BUILDINGS LOCATED 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 9 (Mechanical Systems), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances, Ordinance No. 06-03-31, as amended ("Code of Ordinances"), by adopting the 2015 Edition of the International Mechanical 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 9 (Mechanical Systems), 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. 13-10-65 (Mechanical Code), in its entirety, and replace it with this Ordinance, adopting the 2015 Edition of the International Mechanical 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. 13-10-65. Ordinance No. 13-10-65 is hereby repealed, in its entirety, and replaced by this Ordinance.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. 13-10-65 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. 13-10-65 occurring before the effective date of this Ordinance.

SECTION 3: Amendment to Division 9 (Mechanical Systems), Article IV (Technical Codes), Chapter 18 (Buildings and Building Regulations), Part II of the Frisco Code of Ordinances. Division 9 (Mechanical Systems), 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 mechanical code regulations as set forth in the International Mechanical 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 design, installation, maintenance, addition, alteration and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings located within Frisco (“2015 International Mechanical Code”). The 2015 International Mechanical Code is made a part of this Ordinance as if fully set forth herein. Three (3) copies of the 2015 International Mechanical Code are on file in the office of the City Secretary of Frisco being marked and designated as the 2015 International Mechanical 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.

[The remainder of this page intentionally left blank.]

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

Maher Maso, Mayor

**ATTESTED AND CORRECTLY
RECORDED:**

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 MECHANICAL CODE¹

The following deletions and additions to the 2015 International Mechanical 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 Mechanical Code is amended as follows:

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

102.8 Referenced codes and standards. The codes and standards referenced in this code herein shall be those that are listed in Chapter 15 and such codes, 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 adopted amendments. Any reference to NFPA 70 or the National Electrical Code (NEC) shall mean the Electrical Code as adopted.

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

106.5.2 Fee schedule. The fees for mechanical work shall be ~~as indicated established in the Frisco's Comprehensive Master Fees Ordinance, as amended.~~

106.5.3 Fee refunds. The building 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 Mechanical Code is amended as follows:

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 Mechanical 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.*]”.

Section 306 Access and service space of the 2015 International Mechanical 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 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 20 feet (6096 mm) in length measured along the centerline of the passageway from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm), 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. Permanent stairs or ladder fastened to the building.
2. A pull down stair with a three hundred (300) lb. rating.
3. An access door from an upper floor.

306.5 Equipment and appliance on roofs or elevated structures. Where equipment requiring access or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 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 4 units vertical in 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 grade. Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall.

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.

Section 307 Condensate disposal of the 2015 International Mechanical Code is amended as follows:

307.2.3 Auxiliary and secondary drain systems. In addition to the requirements of Section 307.2.1, where damage to any building components could occur as a result of overflow from the equipment primary condensate removal system, one of the following auxiliary protection methods shall be provided for each cooling coil or fuel-fired appliance that produces condensate. Method 3 and 4 below may not be used for cooling or evaporator coils located in attics of residential occupancies.
[Remainder unchanged]

Chapter 5 Exhaust Systems of the 2015 International Mechanical Code is amended as follows:

Section 504 Clothes Dryer Exhaust of the 2015 International Mechanical Code is amended as follows:

~~**[504.5 Dryer exhaust duct power ventilators, is deleted in its entirety]**~~

~~**[504.8.4.3 Dryer exhaust duct power ventilators, is deleted in its entirety]**~~

Section 504.8.5 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.

Chapter 6 Duct systems of the 2015 International Mechanical Code are amended as follows:

Section 603 Duct construction and installation of the 2015 International Mechanical Code is amended as follows:

603.5 Nonmetallic ducts. Nonmetallic ducts shall be constructed with Class 0 or Class 1 duct material and shall comply with UL 181. Fibrous duct construction shall conform to SMACNA Fibrous Glass Duct Construction Standards or NAIMA Fibrous Glass Duct Construction Standards. The maximum air temperature within nonmetallic ducts shall not exceed 250°F (121°C). Nonmetallic ducts are only permitted with prior Building Official approval and where the installation of metallic ducts would not be practical (e.g. closely spaced wall and floor framing).

603.6 Flexible air ducts and flexible air connectors. *[Paragraph unchanged]*

For other than residential dwelling units, flexible supply and return air ducts shall not be used for primary trunk and branch ducts.

603.6.1.1 Duct length. ~~Flexible air ducts shall not be limited in length.~~ For other than residential dwelling units, flexible ducts shall be limited to six (6) foot connections at the end of duct runs.

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

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