

**CITY OF LAVON**

**ORDINANCE NO. 2013-12-07**

AN ORDINANCE OF THE CITY OF LAVON, TEXAS TO PROVIDE FOR THE ADOPTION OF THE 2012 EDITION OF THE INTERNATIONAL MECHANICAL CODE AND REGIONAL AMENDMENTS; PROVIDING FOR A REPEAL OF ORDINANCES IN CONFLICT; PROVIDING FOR SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY FOR VIOLATIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAVON, COLLIN COUNTY, TEXAS;**

Section I

The International Mechanical Code 2012 Edition with appendix as published by the International Code Council, along with North Central Texas Council of Governments (NCTCOG) regional amendments passed and adopted March 2013, a copy of which shall be on file in the office of the Lavon City Secretary or Building Official, is hereby adopted and designated as the Mechanical Code of the City of Lavon, the same as though such code were copied at length herein. The regional amendments are attached hereto and maintained on file in the office of the City Secretary or Building Official as Exhibit "A".

Section II

That Ordinance 2006-06-05 adopting the 2003 International Mechanical Code is hereby repealed in its entirety.

Section III

All ordinances or parts of ordinances in conflict herewith are, to the extent of such conflict, hereby repealed.

Section IV

It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses and phrases 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 of 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 in this Ordinance of any such unconstitutional phrase, clause, sentence, paragraph, or section.

Section V

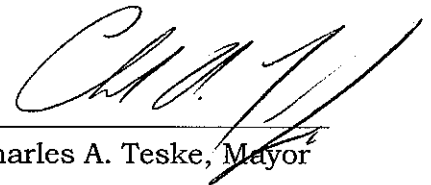
Whenever in this Ordinance an act is prohibited or is made or declared to be unlawful or an offense or a misdemeanor, or wherever in such Ordinance, the doing on any act is required or the failure to do any act is declared to be unlawful, the violation of any such provision shall be punished by a fine that shall not be greater or less than the penalty provided for the same or similar offense under the laws of the State. Each day any violation of this ordinance shall continue shall constitute a separate offense.

Section VI

This Ordinance will take effect immediately from or after its passage and the publication of the caption as the law in such cases provides.

PASSED AND APPROVED on this the 7<sup>th</sup> day of January, ~~2013~~<sup>2014</sup> by the City Council of the City of Lavon, Collin County, Texas.

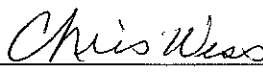
Approved:



Charles A. Teske, Mayor



Attest:

  
Chris Wess, City Secretary

**Recommended Amendments to the  
2012 International Mechanical Code**  
North Central Texas Council of Governments region

The following sections, paragraphs, and sentences of the *2012 International Mechanical Code* are hereby amended as follows: Standard type is text from the IMC. Underlined type is text inserted. ~~Lined through type is deleted text from the IMC.~~ A double asterisk at the beginning of a section identifies an amendment carried over from the 2009 edition of the code and a triple asterisk identifies a new or revised amendment with the 2012 edition of the code.

Note: Historically NCTCOG has limited Chapter 1 amendments in order to allow each city to insert their local policies and procedures. We now have suggested certain items to be brought to the attention of cities considering adoption of the code that may be of concern to several jurisdictions. **It is still intended to be discretionary to each city to determine which Chapter 1 amendments to include.**

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**\*\*Section 102.8; change to read as follows:**

**102.8 Referenced codes and standards.** The codes and standards referenced herein shall be those that are listed in Chapter 15 and such codes, when specifically adopted, 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. Any reference to NFPA 70 or the ICC *Electrical Code* shall mean the *Electrical Code* as adopted.

*(Reason: Legal wording to recognize locally adopted codes and amendments adopted with referenced codes.)*

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**\*\*Section 304.6; delete.**

*(Reason: This provision does not reflect standard practice in this area. Consistent with regional amendment to IFGC 305.5.)*

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**\*\*\*Section 306.3; change to read as follows:**

**306.3 Appliances in attics.** Attics containing appliances requiring access shall be provided . . . *{bulk of paragraph unchanged}* . . . side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following:

1. A permanent stair.
2. A pull down stair with a minimum 300 lb (136 kg) capacity.
3. An access door from an upper floor level.
4. Access Panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to building conditions.

**Exceptions:**

1. The passageway and level service space are not required where the appliance is capable of being serviced and removed... *{remainder of section unchanged}*

*(Reason: To provide a safe means of accessibility to appliances in attics and to allow for different types of construction limitations. Consistent with regional amendment to IFGC 306.3.)*

**\*\*\*Section 306.5; change to read as follows:**

**306.5 Equipment and appliances 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 (4877 mm) above grade to access, an a permanent interior or exterior means of access shall be provided. Permanent exterior ladders providing roof access need not extend closer than 8- 12 feet (2438 mm) to the finish grade or floor level below and shall extend to the equipment and appliances' level service space. Such access shall . . . {bulk of section to read the same}. . . on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope). ... {bulk of section to read the same}.

*(Reason: To assure safe access to roof appliances and provide a greater level of security for equipment locate more than 16 feet above grade. Consistent with IFGC amendments.)*

**\*\*Section 306.5.1; change to read as follows:**

**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 on roofs having slopes greater than 4 units vertical in 12 units horizontal 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. The level platform shall be provided on each side of the appliance to which access is required for service, repair or maintenance. The platform shall be not less than 30 inches (762 mm) in any dimension and shall be provided with guards. The guards shall extend not less than 42 inches (1067 mm) above the platform, shall be constructed so as to prevent the passage of a 21-inch-diameter (533 mm) sphere and shall comply with the loading requirements for guards specified in the International Building Code.

*(Reason: To assure safe access to roof appliances. Consistent with IFGC amendments.)*

**\*\*Section 306; add Section 306.6 to read as follows:**

**306.6 Water heaters above ground or floor.** When the 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 or permanent ladder fastened to the building.

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

**306.6.1** 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.

*(Reason: To provide safe access to water heaters and to provide lighting and receptacle for maintenance of equipment. Consistent with regional amendments to IFGC 306.7 and IPC 502.5.)*

**\*\*Section 307.2.2; change to read as follows:**

**307.2.2 Drain pipe materials and sizes.** Components of the condensate disposal system shall be cast iron, galvanized steel, copper, cross-linked polyethylene, polybutylene, polyethylene, ABS, CPVC or schedule 80 PVC pipe or tubing when exposed to ultra violet light. All components shall be selected for the pressure, and temperature, and exposure rating of the installation. *{Remaining language unchanged}*

*(Reason: To provide greater flexibility of materials when exposed to ultra violet light.)*

**\*\*Section 307.2.3; amend item 2 to read as follows:**

2. A separate overflow drain line shall be connected to the drain pan provided with the equipment. Such overflow drain shall discharge to a conspicuous point of disposal to alert occupants in the event of a stoppage of the primary drain. The overflow drain line shall connect to the drain pan at a higher level than the primary drain connection. However, the conspicuous point shall not create a hazard such as dripping over a walking surface or other areas so as to create a nuisance.

*(Reason: Greater specificity in prohibited locations for condensate discharge. Consistent with regional amendment to IPC 314.2.1.)*

**\*\*Section 403.2.1; add an item 5 to read as follows:**

5. Toilet rooms within private dwellings that contain only a water closet, lavatory or combination thereof may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

*(Reason: Consistent with common regional practice. Consistent with regional amendment to IRC R303.3.)*

**\*\*Section 501.2; add an exception to read as follows:**

**501.2 Exhaust discharge.** The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a nuisance and not less than the distances specified in Section 501.2.1. The air shall be discharged to a location from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic or crawl space.

**Exceptions:**

1. Whole-house ventilation-type attic fans shall be permitted to discharge into the attic space of dwelling units having private attics.
2. Commercial cooking recirculating systems.
3. Toilet room exhaust ducts may terminate in a warehouse or shop area when infiltration of outside air is present.

*(Reason: Provide a reasonable alternative in areas where a large volume of outside air is present.)*

**\*\*Section 607.5.1; change to read as follows:**

**607.5.1 Fire Walls.** Ducts and air transfer openings permitted in fire walls in accordance with Section 705.11 of the International Building Code shall be protected with listed fire dampers installed in accordance with their listing. For hazardous exhaust systems see Section 510.1-510.9 IMC.

*(Reason: Correspond with unamended IBC 710.7.)*

**END**