

ORDINANCE 5-1990

AN ORDINANCE AMENDING CHAPTER 8, "CONSTRUCTION REGULATIONS," ARTICLE VI, "UNIFORM CODES AND OTHER REGULATIONS," DIVISION 5, "MECHANICAL CODE," OF THE ABILENE MUNICIPAL CODE, BY AMENDING CERTAIN SECTIONS AS SET OUT BELOW; PROVIDING A SEVERABILITY CLAUSE; AND DECLARING A PENALTY.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS:

PART 1: That Chapter 8, Article VI, Division 5, "Mechanical Code," of the Abilene Municipal Code be amended as set out in Exhibit "A", attached hereto and made a part of this ordinance for all purposes.

PART 2: That if any provision or any section of this ordinance shall be held to be void or unconstitutional, such holding shall in no way affect the validity of the remaining provisions or sections of this ordinance, which shall remain in full force and effect.

PART 3: That any person, firm or corporation violating any of the provisions of this chapter shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by a fine of not more than Two Thousand Dollars (\$2,000.00). Each day such violation shall continue or be permitted to continue, shall be deemed a separate offense. Said Ordinance, being a penal ordinance, becomes effective ten (10) days after its publication in the newspaper, as provided by Section 19 of the Charter of the City of Abilene.

PASSED ON FIRST READING this 25 day of January, A.D. 19 90.

PASSED ON SECOND AND FINAL READING this 8 day of February, A.D. 19 90.

ATTEST:

Op Moore
City Secretary

Dal E. Ferguson
Mayor

APPROVED:

Sara F...
City Attorney

EXHIBIT "A"

Ordinance No. 5-1990

AMENDMENTS TO THE
1988 UNIFORM MECHANICAL CODE

The following chapters of the 1988 Uniform Mechanical Code are adopted in their entirety:

1, 4, 6, 9, 11, 12, 13, 14, 15, 16, 17, 18, and 19.

The remaining chapters and appendix chapters of the 1988 Uniform Mechanical Code are adopted subject to the following exceptions:

EXHIBIT "A"

CHAPTER 1

TITLE, SCOPE AND GENERAL

Adopt the 1988 Uniform Mechanical Code in its entirety.

CHAPTER 2

ORGANIZATION AND ENFORCEMENT

Adopt the 1988 Uniform Mechanical Code in its entirety with the following exceptions:

Board of Appeals

Sec. 203. Delete in its entirety and insert the following:

In order to determine the suitability of alternate materials and methods of installation, and to provide for reasonable interpretation of this code, there shall be and is hereby created a Mechanical Board of Appeals. The Board shall consist of five members appointed by the Mayor with the approval of the City Council, with two members being appointed for a one-year term, and three members being appointed for two-year terms. In the event of a vacancy, the City Council shall appoint a successor to fill the unexpired term. All Board members shall be residents of Abilene. The Board shall be made up of a licensed mechanical engineer, a licensed master electrician, a licensed master plumber, a mechanical contractor, and a general contractor or home builder. The building official shall be an ex-officio member and shall act as secretary of the Board. The Board shall adopt rules and regulations for conducting its meetings. The Board of Mechanical Appeals shall render no decision which is contrary to or inconsistent with the provisions of this code. In the event the Board should be of the opinion that any provision or provisions of this code should be amended, it shall make such recommendations to the City Council for consideration.

Violations

Sec. 204. Delete in its entirety and insert the following:

Any such violation shall be a misdemeanor and upon conviction thereof shall be punishable by a fine not to exceed Two Thousand Dollars (\$2,000.00). Each day a violation of any of the provisions of this code is committed, or each day any such violation continues, shall constitute a separate offense and shall be subject to prosecution as stated above.

ADD A NEW SECTION AS FOLLOWS:

License Required

Sec. 205.

No person shall engage in the business of mechanical contracting unless he possesses a mechanical contractor's license issued by the State of Texas.

EXCEPTION: Commercial kitchen exhaust hood installations may be done by those holding a license to do so issued by the City under procedures established by the Mechanical Board of Appeals.

ADD A NEW SECTION AS FOLLOWS:

**Bonds Required
Sec. 206**

Before any person shall engage in the business of mechanical contracting in the city, that person shall first provide the City with proof of state license and deposit with the City a good and sufficient bond in the sum of Five Thousand Dollars (\$5,000.00) payable to the City and conditioned on a faithful performance of all of the provisions and regulations of the Mechanical Code, this chapter and other ordinances of the City; and the surety on such bond shall be a company authorized to transact business in the state.

CHAPTER 3

PERMITS AND INSPECTIONS

Adopt the 1988 Uniform Mechanical Code in its entirety with the following exceptions:

Application for Permit

Sec. 302 (a). Add the following:

7. Shall possess a mechanical contractor's license issued by the State, or provide proof that work is to be done at the primary residence of the applicant and that applicant is owner of such residence.

EXCEPTION: Installation of commercial kitchen exhaust hoods may be permitted by those licensed to do so by the City.

Fees

Sec. 304 (a). Delete in its entirety and insert the following:

Fees shall be paid for in accordance with City Council resolution.

Sec. 304. (b), (c), and (d). Delete in their entirety.

Sec. 304 (f). Delete in its entirety and insert the following:

The building official may authorize the refunding of any fee paid hereunder which was erroneously paid or collected.

The building official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

Sec. 305 (f). Delete reference to Table 3-A.

CHAPTER 5
EQUIPMENT - GENERAL

Adopt the 1988 Uniform Mechanical Code in its entirety with the following exception:

Installation

Sec. 504 (e). Identification of Equipment. Delete in its entirety and insert the following:

When more than one heating, cooling, ventilating or refrigeration system is installed at a single building, it shall be permanently identified as to the area or space served by the equipment.

CHAPTER 7
WARM-AIR HEATING SYSTEMS

Adopt the 1988 UMC in its entirety with the following exceptions:

Attic Furnace

Sec. 708. Upright furnaces may be installed in an attic or furred space more than 5 feet in height, provided the required listings and furnace and duct clearances are observed.

Clearances of a warm-air attic furnace from combustibles shall be as specified in Section 504.

An attic or furred space in which a warm-air furnace is installed shall be accessible by an opening and passageway as large as the largest piece of the furnace and in no case less than 30 inches by 30 inches continuous from the opening to the furnace and its controls.

EXCEPTION: The access opening into the space may be 22 inches by 30 inches, provided the largest piece of equipment can be removed through the opening.

The area from the attic way access to the furnace shall be constructed of a minimum 1/2" CDX plywood, of level continuous unobstructed solid flooring, not less than 24 inches wide, with a minimum head clearance of 30 inches from an entrance opening to a furnace.

A level working platform not less than 30 inches in depth shall be provided in front of the entire firebox side of the warm-air furnace, and if the furnace temperature-limit control, air filter, fuel-control valve, or air-handling unit is not serviceable from the firebox side of the furnace, a continuous floor not less than 24 inches in width shall be provided from the platform in front of the firebox side of the furnace to and in front of this equipment.

EXCEPTION: A working platform need not be provided when the furnace can be serviced from the required access opening.

A permanent electric outlet and lighting fixture controlled by a switch located at the required passageway opening shall be provided at or near the furnace. Provide one lighting fixture per 20 l.f. of passageway in addition to a lighting fixture at or near the furnace.

Sec. 710 (h) 5, Exception 2. Delete in its entirety and insert the following:

2. A portable ladder may be used for access for furnaces on a single story building.

CHAPTER 8

VENTED DECORATIVE APPLIANCES, FLOOR FURNACES, VENTED WALL FURNACES, UNIT HEATERS AND ROOM HEATERS

Adopt the 1988 Mechanical Code in its entirety with the following exception:

Room Heaters

Sec. 807 (c). Unvented. Delete in its entirety and insert the following:

Unvented fuel-burning heaters shall not be installed, used, maintained or permitted to exist in any Group I occupancy; nor shall any heater be installed in any building whether as a new or as a replacement installation unless permitted by this section. Existing Group R occupancies containing unvented fuel-burning room heaters may continue to be maintained if installed and used in a safe manner. New R occupancies shall not have unvented fuel-burning room heaters installed, used, maintained or permitted to exist.

CHAPTER 10

DUCTS

Adopt the 1988 Mechanical Code in its entirety with the following exception:

Material

Sec. 1002 (b) Factory-made Air Ducts. Add a paragraph as follows:

Factory made flex ducts shall have metalized vapor barriers. Ducts, when spliced, must utilize galvanized metal sleeves with manufacturer's approved straps or clamps to form a positive connection. Flex duct connections to register boxes and plenums may not be made with turns with a smaller radius than the diameter of the duct used. For turns with a smaller radius, metal elbows must be used, or connections may be made utilizing register boxes specifically designed for that purpose. In no instance may duct be crimped in such a manner that the cross-sectional area is diminished. Flex ducts shall be installed and supported in accordance with S.M.A.C.N.A. standards, (published 1980).

CHAPTER 20

COMMERCIAL HOODS AND KITCHEN VENTILATION

Adopt the 1988 UMC in its entirety with the following exceptions:

Kitchen Ventilation Systems

Sec. 2002 (a) Materials. 1. Grease ducts. Delete in its entirety and insert the following:

Grease ducts and plenums serving a Type I hood shall be constructed of not less than 0.055-inch (No. 16 manufacturer's standard gage) steel or stainless at least 0.044 inch in thickness.

EXCEPTION: Make-up air may be a minimum of .30-inch 22 gauge material.

Exhaust fan housings serving a Type I hood shall be constructed of steel.

EXCEPTION: Fans listed as "Power Roof Ventilators for Restaurant Cooking Appliances."

Joints and seams shall be made with a continuous liquid-tight weld or braze made on the external surface of the duct system. A vibration isolation connector may be used, provided it consists of noncombustible packing in a metal sleeve joint of approved design.

Duct bracing and supports shall be of noncombustible material securely attached to the structure and designed to carry gravity and lateral loads within the stress limitations of the Building Code. Bolts, screws, rivets, and other mechanical fasteners shall not penetrate exhaust duct walls.

Sec. 2002 (d) Duct Enclosure. Add the following:

Duct Enclosures which are required to be of one-hour fire resistive construction may be constructed of 25 gauge metal studs on no more than 16" centers with one layer of 5/8" Type X drywall on the outside of the duct enclosure.

APPENDIX

Adopt all Appendix Chapters of the 1988 UMC in their entirety with the following exception:

APPENDIX CHAPTER 22 FUEL-GAS PIPING

Delete this chapter in its entirety.

-END-