

ORDINANCE NO. 8-1996

AN ORDINANCE AMENDING CHAPTER 8, "CONSTRUCTION REGULATIONS" ARTICLE VI, "UNIFORM CODES AND OTHER REGULATIONS", DIVISION 4, "PLUMBING 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:

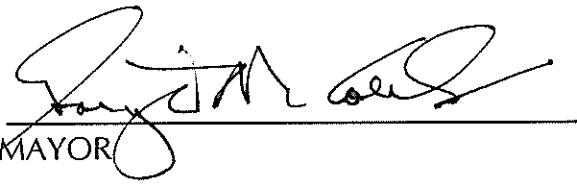
- PART 1. That Chapter 8, Article VI, Division 4, "Plumbing Code", of the Abilene Municipal Code be amended as set out in Exhibit "A", attached hereto and made a part of this ordinance for all purposes.
- PART 2. That if any provisions of any section of this ordinance shall be held to be void or unconstitutional, such holding shall in no way effect 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 punishable by a fine of not more than Two Thousand Dollars (\$2,000). 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 22nd day of FEBRUARY, A.D., 1996.


PASSED ON SECOND AND FINAL READING this 14th day of MARCH, A.D., 1996.

ATTEST:


CITY SECRETARY


MAYOR

APPROVED:


CITY ATTORNEY

ABILENE CODE

DIVISION 4. PLUMBING CODE

Sec. 8-511. Adopted.

The 1995 International Plumbing Code, published by the International Code Council, Inc., together with a plumbing code pamphlet amending and supplementing that code, are hereby adopted as the plumbing code for the City of Abilene. The plumbing code pamphlet, along with the International Plumbing Code, are on file in the building official's and city secretary's offices.

**ABILENE
PLUMBING
CODE**



TO BE USED IN CONJUNCTION WITH THE
1995 INTERNATIONAL PLUMBING CODE

1995 INTERNATIONAL PLUMBING CODE

Adopt the 1995 International Plumbing Code in its entirety with the following amendments:

CHAPTER 1 ADMINISTRATION

Section 101.1 Title. These regulations shall be known as the Plumbing Code of the City of Abilene, Texas, hereinafter referred to as "this code."

Section 101.2 Scope. Add to the last sentence: "...or connected to the water supply of the City of Abilene."

Section 103.3 Deputies. Add the following at the end of this section.

103.3.1 Plumbing Inspector Requirements: The plumbing and/or plumbing/mechanical inspectors are hereby made a part of the Building Inspection Department of the City of Abilene. They shall have had at least five years of satisfactory experience as a journeyman and/ or master plumber and shall hold a plumbing inspector's license issued by the State Board of Plumbing Examiners.

Section 104.2 Rule-making authority. Delete the first sentence and insert the following:

The code official shall have authority as necessary in the interest of public health, safety and general welfare, to interpret and implement the provisions of this code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions.

Section 106 - PERMITS

Section 106.1 When required. Add the following subsections:

Section 106.1.1 Plumbing License Required.

All persons who engage in or work at the actual installation, alteration, repair, and/or renovation of all piping, fixtures appurtenances, and appliances that supply gas, water, liquids, or any combination of these, or dispose of waste water or sewage, shall possess a master or journeyman plumber's license, in accordance with the State of Texas Plumbing License Law, Texas Civil Statutes, article 6243-101, as amended. Any business engaging in the work of a plumbing contractor shall employ a person holding a current master plumber's license.

Section 106.1.1.1 Exemptions. Add the following, reference State Plumbing License Law, Section 365.11 Exemptions.

(a) Appliance connections, unless the connection also requires cutting into existing piping, any work on the sewer side of a properly installed trap, or work on the structure side of or replacement of valves provided for appliance installation, in which cases a licensed plumber must perform the pre-connection work.

(b) Persons holding a Water Treatment Certificate from the Texas Department of Health may engage in residential water treatment activities involving the cutting into and making connections with a potable water supply system. However, if the activities involve connections to the sewer, soil, or waste line, only a licensed plumber may perform the connection work.

(c) The following plumbing work shall be permitted without a license but shall be subject of **PERMITS AND INSPECTION** approval in accordance with local city ordinances:

(1) Plumbing work done by a property owner in a building designated as that person's homestead or that has filed the appropriate paperwork to obtain homestead status for that building;

(2) Work done on existing plumbing by a maintenance engineer that is incidental or connected to other maintenance duties, provided that such person does not engage in plumbing work for the general public;

(3) Installation of on-site sewage disposal systems done outside municipalities of greater than 5,000 inhabitants or done inside municipalities who voluntarily comply with the plumbing license law;

(4) Plumbing work done by a railroad employee on the premises or equipment of a railroad, provided such person does not engage in plumbing work for the general public;

(5) Plumbing work done by employees of any public utility company in the installation, operation, and maintenance of service of mains or lines and all types of appurtenances, equipment, and appliances associated with service mains or lines;

(6) Installation or service work done by an appliance dealer or an employee thereof in connecting appliances to existing piping;

(7) Irrigation work done by an individual working and licensed as an irrigator or installer;

(8) L.P Gas service and installation work done by an individual working and licensed as a L.P Gas Installer.

Section 106.1.2 Bond Required. Add the following subsection:

All plumbing contractor's desiring to engage in the business of a plumbing contractor shall first file with the building official of the City of Abilene, a surety bond in the

INDUSTRIAL WASTE: Reference the City of Abilene Industrial Waste Ordinance, Ordinance #36-92.

LICENSED IRRIGATOR: A person licensed by the Texas Board of Irrigators under the Licensed Irrigators Act, Article 8751, Section 7, Vernon's Texas Civil Statutes who sells, designs, consults, installs, maintains, alters, repairs or services an irrigation system including the connection of such system in and to a private or public, raw or potable water supply system or any water supply.

CHAPTER 3 GENERAL REGULATIONS

Section 305. Rodentproofing. Amend as follows:
Section 305.4 Openings for pipes. Change "metal collars" to "approved collars".

Section 306. Protection of Pipes. Amend as follows:
Section 306.6.1 Sewer Depth. Delete and insert the following:
Building sewers that connect to private sewage disposal systems shall meet the State of Texas regulations for Private On-Site Sewage Disposal Facilities. Building sewers shall be a minimum of 12 inches below grade.

Section 311. Washroom and Toilet Room Requirements
Section 311.4 Water Closet Compartment. Delete in its entirety.

Section 313. Tests and Inspections.
Section 313.2 Drainage and Vent Water Test. Delete in its entirety and insert:
The water test shall be applied to drainage and vent systems either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly plugged except the highest opening of the section under test, and each section shall be filled with water, but no section shall be tested with less than 6" above the highest fixture rim. The water shall be kept in the system or in the portion under test for at least fifteen (15) minutes before inspection starts. The system shall then be tight at all points.

Section 313.6 Gravity Sewer Test. Add the following exceptions:
Exceptions:
1. Not required for single family residence/duplex.
2. Tests may be limited to sewers within the confines of the property line.

Section 313.9 Periodic inspection and testing of backflow prevention devices.
Delete in its entirety and insert the following:

All backflow prevention assemblies shall be tested. The premise owner or responsible person shall have the backflow prevention assembly tested by a certified backflow assembly tester at the time of installation, repair, or relocation, to determine whether they are operable. Moderate or high hazard uses shall be tested on an annual schedule thereafter or more often when required by the Code Official. Low hazard uses shall be tested at least once every three (3) years thereafter, or more often, when required by the Code Official. Add the following definition:
Responsible Party - May be any of the following: premise manager, premise maintenance manager, tenant, or occupant.

CHAPTER 4 FIXTURES

Section 404. Minimum Plumbing Facilities. Amend as follows:

Section 404.1 Minimum Number of Fixtures. Delete Table 404.1 in its entirety and insert Table A-29-A from the 1994 Uniform Building Code. (*See attached Table*)
Section 404.2 Separate Facilities.

2. Separate employee facilities shall be required when the number of employees exceeds four persons in groups B,F,H,M,, and S Occupancies and as per Chapter 29 of the 1994 UBC for other occupancies.

Section 406. Installation of Fixtures.

Section 406.3.1 and Figure 406.3.1. Water Closets, Lavatories and Bidets. Amend to require 24" clear space in front of the water closet or bidet in lieu of 18" for consistency with the Uniform Building code

CHAPTER 5 WATER HEATERS

Section 501 General.

Section 501.4 Location. Add the following sections from the proposed International Mechanical Code.

Section 501.4.1 Hazardous locations. Equipment shall not be located in a hazardous location unless listed and approved for the specific installation.

Section 501.4.2 Prohibited locations. Fuel-fired appliances shall not be located in or obtain combustion air from any of the following rooms or spaces:

1. Sleeping rooms.
2. Bathrooms.
3. Toilet rooms.
4. Clothes closets.

possibility of water hammer. A water hammer arrestor or air chamber shall be installed where quick-closing valves are utilized, unless otherwise approved.

Add the following :

Exception: single family or duplex dwelling units.

Sec. 605.10.3 Access. Delete in its entirety.

Sec. 607. Installation of the Building Water Distribution System

Sec. 607.1 Location of full-open valves. Amend as follows:

3. Delete in its entirety.
6. Delete in its entirety.
2. Delete in its entirety.

Sec. 609. Protection of Potable Water Supply

Sec. 609.15.5 Connections to Lawn Irrigation System. Delete the first sentence and insert the following:

The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure type vacuum breaker, a reduced pressure principle backflow preventer, or a double-check valve assembly.

Sec. 611 Disinfection of Potable Water System

Sec. 611.1 General. Amend as follows:

2. Delete in its entirety.
3. Delete in its entirety.
4. Delete in its entirety.

CHAPTER 7 SANITARY DRAINAGE

Sec. 709 Cleanouts

Sec. 709.3.2 Building Sewers. Delete in its entirety and insert:

All building sewers shall be provided with cleanouts located not more than 75' apart.

Sec. 709.3.4 Base of stack. Delete in its entirety.

Sec. 709.3.5 Building drain and building sewer junction. Add the following to the end of the second sentence:

...basement floor level, with the clean-out to be a two-way clean-out.

Sec. 709.3.6 Manholes. Delete in its entirety and insert:

Manholes shall comply with City of Abilene Engineering standards.

CHAPTER 8 INDIRECT/SPECIAL WASTE

Sec. 804 Special Wastes

Sec. 804.1 Waste Water Temperature. Delete in its entirety and insert the following:

Steam pipes shall not connect to any part of a drainage or plumbing system, nor shall any water above 120 degrees F., (48 degrees C., at the point of connection to the sanitary sewer be discharged under pressure directly into any part of a drainage system.

CHAPTER 9 VENTS

Sec. 904 Vent Stacks and Stack Vents

Sec. 904.3 Vent Termination. Add the following exception:

Exception: Typical vents may be used as clean-outs when clean-outs are provided in accordance with Section 709.

Sec. 913 Combination Drain and Vent System

Sec. 913.2.2 Connection. Amend last sentence to read:

Where structurally possible, the vent connecting to the combination drain and vent pipe shall extend vertically a minimum of 6 inches (152mm) above the flood level rim of the highest fixture being vented before off-setting horizontally.

Sec. 914 Island Fixture Venting

Sec. 914.2 Vent Connection. Amend last sentence to read:

Where structurally possible, the vent or branch vent for multiple island fixture vents shall extend to a minimum of 6 inches above the highest island fixture being vented before connecting to the outside vent terminal.

Sec. 918 Air Admittance Valves

Sec. 918.1 General. Add an exception as follows:

Exception: Buildings less than 5000 sq. ft. may have the systems designed by a Master Plumber and plans submitted and approved by the code official.

Sec. G103 Gas Connection.

1. Gas piping shall be rigid black pipe, and shall be the same size (or not less than) the mobile home inlet.
2. Gas lines shall not be buried under mobile home.
3. Each mobile home equipped for gas shall have a gas valve and insulated union upstream of said valve.
4. The riser shall be so located that the horizontal piping from the riser to the mobile home does not exceed 4 feet.
5. All gas piping shall be tested at a pressure not less than 10 inches of mercury.

Add the following appendix chapter:

**APPENDIX
CHAPTER 13
FUEL GAS PIPING**

Adopt with the following amendments.

Sec. 1303 Piping Materials.

Sec. 1303.20.1 Compression end riser transitions. Amend first sentence as follows: Where connecting plastic to a metallic riser, there shall be a minimum of 30-inch of horizontal length of metallic piping underground at the end of any plastic piping installed, and such section of metallic piping shall be suitably protected against corrosion.

Section 1304 Piping System Installation.

Sec. 1304.7.1 Alternative Installation. Amend as follows:

1. Piping shall be installed in a casing of Schedule 40 steel pipe (or Schedule 40 PVC) with tightly...continue as written. Add sentence, as follows: The casing shall be vented to the outside atmosphere with a minimum 1 1/2" vent.

Sec. 1304.11. Minimum burial depth. Amend to read as follows:

Underground piping systems shall be installed a minimum depth of 18 inches (457 mm) below grade. Individual outside appliances underground piping shall be installed to the same minimum depth requirements.

Sec. 1304.11.1 Individual outside appliances. Delete entirely.

Sec. 1304.17 Plastic piping limitations.

Sec. 1304.17.2. Identification of plastic piping. Add the following section:
PVC

Sec. 1304.18.1 Method of testing. Delete in its entirety and insert the following:
Low pressure gas piping and valves of 4 ounces or less, shall be tested at a pressure of at least ten (10) inches of mercury and held for a minimum of ten (10) minutes. For welded piping and medium and high pressure gas piping, the test shall be at sixty (60) psi for not less than ten (10) minutes.