

DIVISION 3. MOVING BUILDINGS

Sections 5-61 thru 5-68 Unchanged

Sections 5-69 thru 5-100 Reserved

SECTION 4: That the City of Hurst Code of Ordinances be amended by revising Chapter 5, Article III “Plumbing Code” by deleting the current Chapter 5, Article III “Plumbing Code” and replacing Chapter 5, Article III “Plumbing Code and International Fuel Gas Code” to read as follows:

ARTICLE III. PLUMBING CODE AND INTERNATIONAL FUEL GAS CODE

DIVISION 1. PLUMBING CODE

Sec 5-101. International Plumbing Code – Adopted. The International Plumbing Code, 2015 Edition and Appendices B, C, D and E as published by the International Code Council, Inc., a copy of which is on file in the office of the City Secretary, as amended by Sec. 5-102 and administered and enforced by the office of the Building Official is hereby adopted by reference and designated as the Plumbing Code of the City as though such code were copied at length in this article.

Sec 5-102. Same – Deletions and Amendments. The plumbing code adopted in this article is hereby amended and changed in the following respects:

(1) Table of Contents, Chapter 7, Section 714; change to read as follows:

Section 714 Engineered Drainage Design 69

(2) Section 101.1, change to read as follows:

101.1 Title. These regulations shall be known as the Plumbing Code of the City of Hurst, hereafter referred to as “this code.”

(3) Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall be the minimum requirements. 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.

(4) Sections 106.6.2 and 106.6.3; change to read as follows:

106.6.2 Fee schedule. The fees for all plumbing work shall be set by the City Manager and reviewed by City Council from time to time.

106.6.3 Fee Refunds. The code official shall establish a policy for authorizing the refunding of fees. {Delete balance of section }

(5) Section 108.2; 108.3, 108.4, and 108.5; amend to read as follows:

108.2. Notice of violation. The code official is authorized to serve a notice of violation or order to the person responsible for the erection, installation, alteration, extension, repair, removal or demolition of plumbing work in violation of the provisions of this code, or in violation of a detail statement or the *approved* construction documents thereunder, or in violation of a permit or certificate issued under the provisions of this code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

108.3 Prosecution of violation. The code official shall request the legal counsel of the City of Hurst to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the structure in violation of the provisions of this code or of the order or direction made pursuant thereto. It shall not be required to provide notice as set forth in section 108.2 prior to instituting the appropriate proceedings, and providing notice shall not be considered an element of the offense or a requirement before prosecution or other legal proceeding.

108.4 Violation penalties. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the *approved* construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor and upon conviction thereof shall be fined in a sum not to exceed Two thousand dollars (\$2,000.00) for health or safety violations and not to exceed Five Hundred Dollars (\$500.00) for all other violations. Each day that a violation continues shall be deemed a separate offense.

108.5 Stop work orders. Upon notice from the code official, work on any plumbing system that is being performed contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's authorized agent, or to the person performing the work. The notice shall state the conditions under which work is authorized to resume. The code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform by the code official to remove a violation or unsafe condition, shall be liable as set forth above in Section 108.4.

(6) Section 109; Delete entire section and insert the following:

**SECTION 109
MEANS OF APPEAL**

109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the board of appeals established by ordinance. The board shall be governed by the enabling ordinance.

(7) Section 305.4.1; change to read as follows:

- (1) **305.4.1 Sewer depth.** Building sewers shall be a minimum of 12 inches (304 mm) below grade.

(8) Section 305.7; change to read as follows:

305.7 Protection of components of plumbing system. Components of a plumbing system installed within 3 feet of the edge of alleyways, driveways, parking garages or other locations in a manner in which they could be exposed to damage shall be recessed into the wall or otherwise protected in an approved manner.

(9) Section 314.2.1; change to read as follows:

314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. ... {text unchanged} ... Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.

(10) Section 409.2; change to read as follows:

409.2 Water connection. The water supply to a commercial dishwashing machine shall be protected against backflow by an air gap or backflow preventer in accordance with Section 608. (Remainder of section unchanged)

(11) Section 412.4; change to read as follows:

412.4 Required location for floor drains Floor drains shall be installed in the following areas.

1. In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.
2. Commercial kitchens. In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.
3. Public restrooms.

(12) Section 419.3; change to read as follows:

419.3 Surrounding material. Wall and floor space to a point 2 feet (610 mm) in front of a urinal lip and 4 feet (1219 mm) above the floor and at least 2 feet (610 mm) to each side of the urinal shall be waterproofed with a smooth, readily cleanable, hard, nonabsorbent material.

(13) Section 502.3; change to read as follows:

502.3 Appliances in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. 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 water heater. 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 through the required opening.
2. Where the passageway is unobstructed and not less than 6 feet (1829 mm) high and 22 inches (559 mm) wide for its entire length, the passageway shall be not greater than 50 feet (15 250 mm) in length.

(14) Section 502.6; add Section 502.6 and 502.6.1 to read as follows:

502.6 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 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.

502.6.1 Illumination and convenience outlet. 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.

(15) Section 504.6; change to read as follows:

504.6 Requirements for discharge piping. The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

1. Not be directly connected to the drainage system.
2. Discharge through an air gap.
3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.
4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.

Exception: Multiple relief devices may be installed to a single T & P discharge piping system when approved by the administrative authority and permitted by the manufacture's

installation instructions and installed with those instructions

5. Discharge to an indirect waste receptor or to the outdoors.
6. Discharge in a manner that does not cause personal injury or structural damage.
7. Discharge to a termination point that is readily observable by the building occupants.
8. Not be trapped.
9. Be installed so as to flow by gravity.
10. Terminate not more than 6 inches above and not less than two times the discharge pipe diameter above the floor or flood level rim of the waste receptor.
11. Not have a threaded connection at the end of such piping.
12. Not have valves or tee fittings.
13. Be constructed of those materials listed in Section 605.4 or materials tested, rated and approved for such use in accordance with ASME A112.4.1.

(16) Section 504.7.1; change to read as follows:

Section 504.7.1 Pan size and drain: The pan shall be not less than 1 ½ inches (38 mm) in depth and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe having a diameter of not less than ¾ inch (19 mm). Piping for safety pan drains shall be of those materials listed in Table 605.4. Multiple pan drains may terminate to a single discharge piping system when approved by the administrative authority and permitted by the manufacture's installation instructions and installed with those instructions.

(17) Section 604.4; add Section 604.4.1 to read as follows:

604.4.1 State maximum flow rate. Where the State mandated maximum flow rate is more restrictive than those of this section, the State flow rate shall take precedence.

(18) Section 606.1; delete items #4 and #5.

(19) Section 606.2; change to read as follows:

606.2 Location of shutoff valves. Shutoff valves shall be installed in the following

locations:

1. On the fixture supply to each plumbing fixture other than bathtubs and showers in one- and two family residential occupancies, and other than in individual sleeping units that are provided with unit shutoff valves in hotels, motels, boarding houses and similar occupancies.
2. On the water supply pipe to each appliance or mechanical equipment.

(20) Section 608.1; change to read as follows:

608.1 General. A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from non-potable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to applicable local regulations Table 608.1, and as specifically stated in Sections 608.2 through 608.16.10.

(21) Section 608.16.5; change to read as follows:

608.16.5 Connections to lawn irrigation systems.

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 double-check assembly or a reduced pressure principle backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

(22) Section 608.17; change to read as follows:

608.17 Protection of individual water supplies. An individual water supply shall be located and constructed and maintained so as to be safeguarded against contamination in accordance with applicable local regulations. Installation shall be in accordance with Sections 608.17.1 through 608.17.8.

(23) Section 610.1; add exception to read as follows:

610.1 General. New or repaired potable water systems shall be purged of deleterious matter and disinfected prior to utilization. The method to be followed shall be that prescribed by the health authority or water purveyor having jurisdiction or, in the absence of a prescribed method, the procedure described in either AWWA C651 or AWWA C652, or as described in this section. This requirement shall apply to “on-site” or “in-plant”

fabrication of a system or to a modular portion of a system.

1. The pipe system shall be flushed with clean, potable water until dirty water does not appear at the points of outlet.
2. The system or part thereof shall be filled with a water/chlorine solution containing at least 50 parts per million (50 mg/L) of chlorine, and the system or part thereof shall be valved off and allowed to stand for 24 hours; or the system or part thereof shall be filled with a water/chlorine solution containing at least 200 parts per million (200 mg/L) of chlorine and allowed to stand for 3 hours.
3. Following the required standing time, the system shall be flushed with clean potable water until the chlorine is purged from the system.
4. The procedure shall be repeated where shown by a bacteriological examination that contamination remains present in the system.

Exception: With prior approval, the Code Official may wave this requirement when deemed un-necessary.

(24) Section 703.6; Delete

(25) Section 704.5; added to read as follows:

704.5 Single stack fittings. Single stack fittings with internal baffle, PVC schedule 40 or cast iron single stack shall be designed by a registered engineer and comply to a national recognized standard.

(26) Section 705.11.2; change to read as follows:

705.11.2 Solvent cementing. Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Solvent cement not purple in color and conforming to ASTM D 2564, CSA B137.3, CSA B181.2 or CSA B182.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent cement joints shall be permitted above or below ground.

(27) Section 712.5; add Section 712.5 to read as follows:

712.5 Dual Pump System. All sumps shall be automatically discharged and, when in any “public use” occupancy where the sump serves more than 10 fixture units, shall be provided with dual pumps or ejectors arranged to function independently in case of

overload or mechanical failure. For storm drainage sumps and pumping systems, see Section 1113.

(28) Section 714, 714.1; change to read as follows:

**SECTION 714
ENGINEERED COMPUTERIZED DRAINAGE DESIGN**

714.1 Design of drainage system. The sizing, design and layout of the drainage system shall be designed by a registered engineer using approved design methods.

(29) Section 804.2; added to read as follows:

804.2 Special waste pipe, fittings, and components. Pipes, fittings, and components receiving or intended to receive the discharge of any fixture into which acid or corrosive chemicals are placed shall be constructed of CPVC, high silicone iron, PP, PVDF, chemical resistant glass, or glazed ceramic materials.

(30) Section 903.1; change to read as follows:

903.1 Roof extension. Open vent pipes that extend through a roof shall terminate not less than six (6) inches (152 mm) above the roof. Where a roof is to be used for assembly or as a promenade, observation deck, sunbathing deck or similar purposes, open vent pipes shall terminate not less than 7 feet (2134 mm) above the roof.

(31) Section 917 Single stack vent system. Delete entire section.

(32) Section 1002.10; delete.

(33) Section 1003; replace Table 1003.3.4.1 to read as follows:

All food establishments having a food disposal or discharge of more than fifty (50) gallons per minute shall discharge into an oil & grease interceptor. Establishments with a discharge of fifty (50) gallons per minute or less shall discharge into a minimum 100-pound size grease trap. An approved-type grease interceptor or grease trap complying with the provisions of this subsection shall be installed in the waste line leading from sinks, drains, and other fixtures or equipment in establishments such as restaurants, cafes, lunch counters, cafeterias, bars and clubs, hotels, hospitals, sanitariums, factory or school kitchens, or other establishments where grease may be introduced into the drainage or sewage system in quantities that can affect line stoppage or hinder sewage treatment or private sewage disposal when grease interceptors are required. A grease trap is not required for individual dwelling units or for any private living quarters.

Grease Interceptors

Concrete	-Shall be composed of one part Portland cement and five parts aggregate. -Reinforcement bars deformed number four bars on 18-inch centers.
Alternate to concrete	-Other than concrete interceptors as approved by the code official.
Manholes	-Cast iron frame with 20-inch cover.
Vents	-Four-inch sanitary vent may be reduced to two inches if interceptor is connected to a properly vented sewer or waste line within 25 feet. -Relief vents shall be two inches between compartments and to atmosphere above roof, and inside building.
Capacity	-The figures below are approximates: 100 cubic feet holding 750 gallons <i>retention</i> capacity minimum.
Clean out	-Should be two-way located as near as possible to the interceptor on outflow line above seal.
Test port	-See city detail.

(34) Section 1101.8; change to read as follows:

1101.8 Cleanouts required. Cleanouts or manholes shall be installed in the storm drainage system and shall comply with the provisions of this code for sanitary drainage pipe cleanouts.

(35) Section 1106.1; change to read as follows:

1106.1 General. The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on six (6) inches per hour.

(36) Section 1108.3; change to read as follows:

1108.3 Sizing of secondary drains. Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106. Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.7. Scuppers shall not have an opening dimension of less than 4 inches (102 mm). The flow through the primary system shall not be considered when sizing the secondary roof drain system.

(37) Section 1109; delete this section.

(38) Section 1202.1; delete Exception 2.

Sections 5-103 thru 5-110 Reserved.

DIVISION 2. INTERNATIONAL FUEL GAS CODE

Sec 5-111. International Fuel Gas Code – Adopted. The International Fuel Gas Code, 2015 Edition and Appendices A, B and C as published by the International Code Council, Inc., a copy of which is on file in the office of the City Secretary, as amended by Sec. 5-112, administered and enforced by the office of the Building Official is hereby adopted by reference and designated as a part of the Plumbing Code of the City as though such code were copied at length in this article.

Sec 5-112. Same – Deletions and Amendments.

The Fuel Gas Code adopted in this article is hereby amended and changed in the following respects:

(1) Section 101.1 Amend as follows:

101.1 Title. These regulations shall be known as the Fuel Gas Code of the City of Hurst, Texas, hereinafter referred to as “this code.”

(2) Section 101.2 change to read as follows:

101.2 Scope. This code shall apply to the installation of fuel-gas piping systems, fuel gas appliances, gaseous hydrogen systems and related accessories in accordance with Section 101.2.1 through 101.2.5 in accordance and to the extent there is no conflict with State law.

(3) Section 102.2; add an exception to read as follows:

Exception: Existing dwelling units shall comply with Section 621.2.

(4) Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 8 of the International Fuel Gas Code and