

RESOLUTION NO. 160-2023

Date Adopted: July 19 2023

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**A RESOLUTION TO REPUBLISH THE 2021 UNIFORM PLUMBING CODE,  
WITH LOCAL AMENDMENTS, AND ARTICLE 3 OF THE WICHITA-  
SEDGWICK COUNTY UNIFIED BUILDING AND TRADE CODE**

**WHEREAS**, pursuant to K.S.A. 12-1510, any city or county may adopt and enforce plumbing codes, standards, and regulations as their governing bodies deem appropriate; and

**WHEREAS**, pursuant to K.S.A. 19-101d, the Kansas State Legislature granted the Board of County Commissioners of Sedgwick County the authority to enforce all resolutions passed pursuant to county home rule powers; and

**WHEREAS**, the Board of County Commissioners adopted the Wichita-Sedgwick County Unified Building and Trade Code ("UBTC") within Sedgwick County Resolution 175-2012; and

**WHEREAS**, Article 3 of the UBTC contains the Plumbing Code; and

**WHEREAS**, the Board of County Commissioners adopted the Uniform Plumbing Code, 2021 Edition, with local amendments, into Article 3 of the UBTC within Sedgwick County Resolution 232-2021; and

**WHEREAS**, formatting errors at the time of publishing resulted in the unintentional omission of certain sections of the Uniform Plumbing Code, 2021 Edition, with local amendments, and Article 3 of the UBTC; and

**WHEREAS**, it is necessary to publish the full Uniform Plumbing Code, 2021 Edition, with local amendments, into Article 3 of the UBTC.

**WHEREAS**, this Resolution adopts and incorporates the Uniform Plumbing Code, 2021 Edition, with local amendments, into Article 3 of the UBTC as amended.

**NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF  
COUNTY COMMISSIONERS OF SEDGWICK COUNTY, KANSAS, AMENDS  
THE WICHITA-SEDGWICK COUNTY UNIFIED BUILDING AND TRADE CODE  
AS FOLLOWS:**

**Section 1.** Article 3, Section A of the Wichita-Sedgwick County Unified Building and Trade Code (the "UBTC"), is hereby amended to read as follows:



## **ARTICLE 3 – MABCD PLUMBING CODE**

### **Article 3, Section A – BOARD OF APPEALS OF PLUMBERS AND GAS FITTERS**

#### **Sec.3.A.010 – Board of Appeals – Created, Composition.**

There is authorized a Board of Plumbing and Gas Fitters appeals which shall consist of the Director of the Metropolitan Area Building and Construction Department (“MABCD”), or the duly authorized representative, who shall serve as the secretary of the Board, and nine other members, as follows:

1. One Mechanical Contractor whose experience and training is specific to, but not limited to, mechanical contracting. (City Appointment)
2. One Master Plumber whose experience and training is specific to, but not limited to, new residential plumbing. (County Appointment)
3. One Master Lawn Sprinkler whose experience and training is specific to, but not limited to, lawn sprinklers. (City Appointment)
4. One Master Plumber whose experience and training is specific to, but not limited to, service and repair plumbing. (County Appointment)
5. One Licensed Professional Engineer whose experience and training is specific to, but not limited to, design of mechanical systems. (County Appointment)
6. One Master Plumber whose experience and training is specific to, but not limited to, industrial and commercial plumbing. (City Appointment)
7. One Master Plumber whose primary profession involves the installation of plumbing and plumbing systems. (City Appointment)
8. One Journeyman Plumber whose primary profession involves the installation of plumbing and plumbing systems. (County Appointment)
9. One Public At-Large member. (Joint Appointment)

The Board shall elect its own chairperson and make such rules as are necessary for the conduct of its business. The secretary shall be a non-voting member of the Board.

#### **Sec.3.A.020 – Board of Appeals of Plumbers and Gas Fitters.**

- (a) The Board shall act as a board of appeals in making a determination of any appeal arising from the actions of the administrative authority. Appeals shall be made in writing, and the appellant may appear in person before the Board or be represented by an attorney, and may introduce evidence to support their claim. Appeals shall be submitted in writing at least ten (10) working days in advance of the Board meeting and the appeals shall be heard at reasonable times at the convenience of the Board, but not later than the next regularly scheduled Board

- meeting. The appellant shall cause to be made at his own expense, any tests or research required by the Board to substantiate their claims.
- (b) The Board shall, upon the request of the administrative authority, interpret sections of this Code, as adopted by reference herein, as to the approval of plumbing materials and methods allowed under this Code.
  - (c) Where conditions exist on any plumbing job which are not specifically provided for by this Code, or where it would be impracticable to follow its provisions, the Board may grant a variance from the strict application of the provisions of this Code. The person or persons desiring such variance shall submit all data and information necessary or as may be required by the Board to enable it to make its decision, and if after thorough study of the desired variance it determines that the granting of such request would not act in contravention to the welfare of the public, it shall have the authority to grant the variance.
  - (d) The Board may consider applications for the use of materials or methods of installation not specifically covered in this Code, or for a change in the grading or quality of materials or for a change in methods of installation as set forth in this Code and accept, modify, or reject the same as affording the same degree of safety, sanitation and performance as the materials or methods provided for herein. The Board may use established standards of nationally recognized laboratories and research organizations in making its determination to accept, modify, or reject the application. The applicant shall submit to the board all necessary information as may be required by the Board in order for it to make its determination, and any expense incurred for payment of laboratory reports and tests shall be borne by the applicant. If, after a thorough study of the application and upon the basis of such study, it is determined that the public interest would be best served, would not be detrimental to the health and welfare of the public and would afford the same degree of safety and sanitation as elsewhere provided for in this Code, the Board may approve the application; or should it be determined that it is against public interest, would be detrimental to the health and welfare of the public, would not afford the same degree of safety and sanitation as elsewhere provided for in this Code, the Board shall deny the application.

### **Sec. 3.A.030 Administrative Authority.**

The administrative authority duly appointed to enforce the standard code shall be the Director of the MABCD or designee(s). The terms "administrative authority", "building official", and Director of MABCD are synonymous. The administrative authority shall have the authority to promulgate such rules and



regulations as are necessary to carry out the purpose of the standard code and such rules and regulations shall be effective upon approval by the governing bodies. The administrative authority shall have the authority to refer to the Board of Appeals of Plumbers and Gas Fitters which relates to the approval of plumbing material and methods as the same relate to the standard code.

### **Article 3, Section 1 – MABCD PLUMBING CODE**

#### **Sec. 3.1.010 – MABCD Plumbing Code.**

The Uniform Plumbing Code, published by the International Association of Plumbing and Mechanical Officials (IAPMO), 2021 Edition, including the Appendixes and Installation Standards thereto and including the Uniform Plumbing Code's latest edition of Table 1701.1 excluding:

Sections 103.1;

Table No. 104.5 Plumbing Permit Fees;

Sections 107.1 and 107.2;

Sections 422.1, 422.1.1, 422.2, 422.2.1, 422.3, 422.4, 422.4.1, 422.5;

Table 422.1;

Sections 604.10.1, 609.12, 609.12.1, 609.12.2;

Part II of Chapter 7: Building Sewers;

Sections 807.3;

Section 1210.1.5;

Section 1210.1.6.1;

Appendix F;

Appendix H;

and except for amendments set forth in this section, is by reference incorporated herein and made a part of this Code as though set forth at length herein, and is hereby adopted as a part of the Wichita/Sedgwick County Unified Building and Trade Code, Article 3, MABCD Plumbing Code. In lieu of Appendix H and Chapter 7 Part II, within the jurisdiction of the unincorporated area of Sedgwick County, and adopting second and third class cities, Chapter 23 of the Sedgwick County Code, entitled Sewers and Sewage Disposal, shall apply. In lieu of Appendix H and Chapter 7 Part II, within the jurisdiction of the City of Wichita, Title 16 of the Code of the City of Wichita, entitled Sewers, Sewage Disposal and Drains shall apply.



**Sec. 3.1.020 – Section 101.1 of the 2021 Uniform Plumbing Code.**

With the exception of Sections 3.1.030, 3.1.040 and 3.1.050 (which apply to all of this Code), all of the subsequent provisions of this Code modify and apply to the 2021 Uniform Plumbing Code.

**Sec. 3.1.030 – Schedule of Fees.**

See Article 1.2 of this Code.

**Sec. 3.1.040 – Investigation Fees.**

See Article 1.2(e) of this Code.

**Sec. 3.1.050 – Definitions.**

Unless otherwise specified, the following terms as used in this Section, shall mean as follows:

‘Air Admittance Valve’ means a one-way valve designed to allow air to enter the plumbing drainage system when negative pressures develop in the piping system. The device shall close by gravity and seal the vent terminal at zero differential pressure (no flow conditions) and under positive internal pressures. The purpose of an air admittance valve is to provide a method of allowing air to enter the plumbing drainage system without the use of a vent extended to open air and to prevent sewer gases from escaping into a building. Must be listed and labeled for such use.

‘Apprentice’ means an individual who works as an employee in training under the direct supervision of a Journeyman Plumber or Master Plumber. An apprentice is not a certified individual.

‘Board’ means that board appointed for Plumbers and Gas Fitters for the purpose of reviewing code interpretations taken by the building code enforcement division, granting variances from the code reviewing license applications and license suspensions and revocation.

‘Code’ means the MABCD Plumbing Code and Article 3 of this Code, as adopted by the MABCD.

‘Direct supervision’ means that the apprentice is limited to the same structure and/or building site as the journeyman or master plumber, except in the case of one and two-family residential development, where the apprentice may be on

the job site within five hundred (500) feet of where the journeyman or master is working.

'Field Experience' means working under the direct supervision of a person having a valid Journeyman Plumber or Master Plumber certificate or attending trade related schooling. No more than one year of the requirement may be satisfied by trade related schooling. Schooling shall consist of a minimum of nine hundred thirty (930) program hours documented by a certificate of completion.

'Journeyman Drain Layer' means a person who has been approved by the MABCD showing that individual to be qualified to install, alter, and repair sewers, drains, or connections and appurtenances for a Licensed Contractor. That individual shall have a current certificate showing him or her to be so qualified.

'Journeyman Gas Fitter' means a person who has been approved by the MABCD showing that individual to be qualified to do gas piping, make repairs to gas piping systems or in any work at the trade of gas piping for a Licensed Contractor. That individual shall have a current certificate showing him or her to be so qualified.

'Journeyman Lawn Irrigation' means a person who has been approved by the MABCD showing that individual to be qualified to do lawn irrigation installation and maintenance for a Licensed Contractor. That individual shall have a current certificate showing him or her to be so qualified.

'Journeyman Plumber' means a person who has been approved by the MABCD showing that individual to be qualified to do plumbing or gas piping, venting work and work at the trade of plumbing and gas piping for a Licensed Contractor. That individual shall have a current certificate showing him or her to be so qualified. A Journeyman Plumber is deemed a Journeyman Gas Fitter, Journeyman Drain Layer, and Journeyman Lawn Irrigation by definition.

'Licensed Contractor' means a person, firm, partnership, corporation, limited liability company, association or combination thereof, that has acquired a plumbing, gas fitter, lawn irrigation, drain laying, or certified Water Conditioning license from the MABCD, who undertakes or offers to undertake for another, for hire, the planning, laying out, supervising and installing or making additions, alterations, and repairs in the installation of plumbing, drains, gas fittings, lawn irrigation, or plumbing systems.

'Licensed Trade' or 'trade' means the mechanical, electrical plumbing or gas fitting trade, as the context of this Code may require.



'Master Drain Layer' means a person who has been approved by the MABCD showing that individual to be qualified to engage in the business of sewer and drain systems and who has a current certificate showing him or her to be so qualified.

'Master Gas Fitter' means a person who has been approved by the MABCD showing that individual to be qualified to engage in the business of gas piping systems and who has a current certificate showing him or her to be so qualified.

'Master Lawn Irrigation' means a person who has been approved by the MABCD showing that individual to be qualified to engage in the business of lawn irrigation systems and who has a current certificate showing him or her to be so qualified.

'Master Plumber' means a person who has been approved by the MABCD showing that individual to be qualified to engage in the business of plumbing and gas piping, the installation of plumbing and gas fixtures and appliances, and who has a current certificate showing him or her to be so qualified. A Master Plumber is deemed to be a Master Gas Fitter, Master Drain Layer, and Master Lawn Irrigation by definition.

'Qualified Master' means an individual who holds a master certificate issued pursuant to this Code evidencing such person to be qualified to control and have authority of all technical work performed under the authority of the licensed contractor's enterprise and assures quality control and is responsible for complying with all applicable laws, codes and regulations. An individual shall not be the Qualified Master for more than one licensed contractor's enterprise unless such individual receives approval from the Director of the MABCD or an authorized representative thereof and approved by the Board.

### **Sec. 3.1.055 – Use of License to Obtain Permits for Another.**

Licensed Contractors are prohibited from pulling permits for other persons to complete work for which this Code requires the Licensed Contractor, as the permit holder, to be the party to complete the work.

### **Sec. 3.1.056 – Requirement to Obtain Permit.**

All persons who install, remove, alter, repair, replace, or cause to be installed, removed, altered, repaired or replaced, any plumbing, gas or drainage piping work or fixture or water heating or treating equipment in a building or

premises shall be required to obtain the proper permit from the MABCD in order to do such work.

**Sec. 3.1.057 – Dead Legs.**

Section 309.6 of the Uniform Plumbing Code is amended to read as follows: Dead legs exceeding twice the diameter of the pipe shall have a method of flushing and be accessible.

**Sec. 3.1.058 – Steel Nail Plates.**

Section 312.9 of the Uniform Plumbing Code is amended to include the following exception:

When installed in single family and multi-family dwellings, steel nail plates may extend along the framing member not less than the outside diameter of the piping to be protected.

**Sec. 3.1.060 – Sleeves.**

Section 312.10 of the Uniform Plumbing Code is amended to read as follows: Sleeves shall be provided to protect all piping through concrete and masonry walls, or concrete floors.

Exceptions:

- (1) Sleeves shall not be required where openings are drilled or bored; and
- (2) Sleeves shall not be required for DWV pipes going through concrete basement floors or slab on grade.

**Sec. 3.1.065 – Underground Piping Systems.**

**Sections 314.4, 609.2, and 1201.1 of the Uniform Plumbing Code are incorporated as follows:**

Separation of underground piping systems outside the building:

- (1) Where chain type, carbide toothed wheel or vibratory plow trenchers are used Electric, Gas and Water trenches for underground conduits and piping shall be separated by 18 inches of undisturbed earth.
- (2) Electric, Gas and Water conduits or piping shall not be stacked vertically in the same trench or excavation.



- (3) Where site conditions make separate trenches impractical, single trench by bucket excavation may be utilized when approved by the AHJ. The excavation shall be made of such width and depth to allow conduits and piping to be installed at the same elevation and separated 18 inches horizontal distance. Suitable backfill material shall be compacted as to maintain the required separation of underground piping systems. Appropriately marked foil tape shall be installed 12 inches below surface grade to indicate the presence of each conduit.

**Sec. 3.1.070 – Test Gauges.**

Section 318.0 of the Uniform Plumbing Code is amended to read as follows:

In performing the prescribed piping tests as required elsewhere in this Code, a spring type gauge may be used provided the required maximum capacity of the gauge used for the five (5) psi or ten (10) psi fifteen (15) minute test, be thirty (30) psi, and the required maximum capacity of the spring type gauge used for the sixty (60) psi thirty (30) minute test, be one hundred (100) psi.

**Sec. 3.1.080 – Drainage Connection.**

Section 414.3 of the Uniform Plumbing Code is amended to read as follows:

Commercial dishwashing machines shall discharge indirectly through an air gap/air break or direct connection in accordance with Section 704.3 with floor drain protection.

Exception: Domestic dishwashers may discharge to the manufactured opening of a garbage disposal or a wye branch tailpiece. The domestic dishwasher discharge line shall be looped as high as possible within the sink cabinet and securely fastened.

**Sec. 3.1.085 – Minimum Plumbing Fixtures.**

Section 422.0 of the Uniform Plumbing Code is amended to read as follows:

Minimum Number of Plumbing Fixtures shall be in accordance with MABCD's current adopted version of the International Building Code Minimum Plumbing Fixtures. International Building Code – (Table 2902.1) and all amendments thereto as adopted into the Wichita-Sedgwick County Unified Building and Trade Code.

**Section 3.1.086 – Seismic Provisions is hereby created to read as follows:**

**Sec. 3.1.086 – Seismic Provisions.**

Section 507.2 of the Uniform Plumbing Code is amended to read as follows:  
Seismic Provisions. Water heaters may be anchored or strapped to resist horizontal displacement due to seismic activity. Strapping shall be at points within the upper one-third and lower one-third of its vertical dimensions. At the lower point, a distance of not less than 4 inches (102mm) shall be maintained from the controls with the strapping.

Exception: Elevated water heaters located in or on an attic ceiling assembly, such water heaters shall be anchored or strapped.

**Sec. 3.1.087 – Drainage Pan.**

Section 3.1.087 – Drainage Pan is hereby created to read as follows:

Section 507.5 of the Uniform Plumbing Code is amended to read as follows:

Drainage Pan Exception: Where structurally impractical to extend the pan drain piping to a suitable location, the pan drain shall be capped and a water alarm shall be installed.

**Sec. 3.1.088 – Installation Instructions.**

Section 3.1.088 – Installation Instructions is hereby created to read as follows:

Section 507.24 of the Uniform Plumbing Code is hereby amended to read as follows:

Installation Instructions. The installing agency shall comply with the appliance and equipment manufacturer's installation instructions in completing an installation. The installing agency shall leave the manufacturer's installation, operating, and maintenance instructions in a location on the premises where they will be readily available for reference and guidance for the Authority Having Jurisdiction, service personnel, and the owner or operator. [NFPA 54:9.1.22]

**Sec. 3.1.090 – Backflow Prevention Devices, Assemblies and Methods.**

Section 603.1 of the Uniform Plumbing Code is amended to read as follows:



No person shall install any water-operated equipment or mechanism, or use any water-treating chemical or substance, if it is found that such equipment mechanism, chemical or substance may cause pollution or contamination of the domestic water supply. Such equipment or mechanism may be permitted only when equipped with an approved backflow prevention device. In addition to the general requirements of Section 603.0, Cross Connection Control, backflow prevention devices and methods shall conform to Title 17.10 of the Code of the City of Wichita. Registration of backflow testers and test reporting is required by the Authority Having Jurisdiction over backflow testing. Test reports must be maintained by the testing provider and supplied to the Authority Having Jurisdiction, and the backflow device owner. Where, in any specific case, sections of this Code specify different material, methods of construction or requirements in conflict with other local law or ordinance, the most restrictive shall govern.

**Sec. 3.1.100 – Protection from Lawn Sprinklers and Irrigation Systems.**

Section 603.5.6 of the Uniform Plumbing Code is amended to read as follows: Potable water supplies to systems having no pumps or connections for pumping equipment and no chemical injection or provisions for chemical injection, shall be protected from backflow by one of the following devices:

- (1) Pressure vacuum breaker,
- (2) Spill-resistant vacuum breaker,
- (3) Reduced-pressure backflow preventer, or
- (4) Air gap.

**Sec. 3.1.110 – Backflow Device Downstream from a Potable Water Supply Pump.**

Section 603.5.6.2 of the Uniform Plumbing Code is amended to read as follows:

Where systems have a device installed downstream of a potable water supply pump or a potable water supply pump connection, the device shall be one of the following:

- (1) Pressure vacuum breaker,
- (2) Spill resistant vacuum breaker,
- (3) Reduced-pressure backflow preventer, or
- (4) Air gap.

**Sec. 3.1.120 – Deck-Mounted and Equipment-Mounted Vacuum Breakers.**

Section 603.5.13 of the Uniform Plumbing Code is amended to read as follows:

Deck-mounted or equipment-mounted vacuum breakers shall be installed in accordance with their listing and manufacturer's installation instructions, with the critical level not less than six (6) inches (15.24 cm) above the flood-level rim.

**Sec. 3.1.130 – Protection from Fire Systems.**

Section 603.5.14.2 of the Uniform Plumbing Code is amended to read as follows: Where contaminant chemicals (ethylene glycol, corrosion inhibitors, or other chemicals) are added to a fire protection system supplied from a potable water supply, the potable water system shall be protected by one of the following:

- (1) Reduced pressure backflow preventer, or
- (2) Reduced pressure detector assembly.

Fire protection systems using low hazard materials must be protected with appropriate protection and clearly labeled per NFPA Requirements with SDS documentation permanently maintained at the backflow device. Devices approved for low hazard potable water systems protection include the following:

- (1) Double check backflow preventer, and
- (2) Double check detector assembly.

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**Sec. 3.1.140**

**Table 604.1 Materials for Building Supply and Water Distribution Piping and Fittings.**

MATERIAL	BULDING SUPPLY PIPE AND FITTINGS	WATER DISTRIBUTION PIPE AND FITTINGS	REFERENCED STANDARD(S) PIPE	REFERENCED STANDARD(S) FITTINGS
Copper and Copper Alloys	X	X	ASTM B42, ASTM B43, ASTM B75, ASTM B88, ASTM B135, ASTM B251, ASTM B302, ASTM B447	ASME B16.15, ASME B16.18, ASME B16.22, ASME B16.26, ASME B16.50 <sup>2</sup> , ASME B16.51, ASSE 1061, ASTM F3226, IAPMO PS 117
CPVC	X	X	ASTM D2846, ASTM F441, ASTM F442, CSA B137.6	ASSE 1061, ASTM D2846, ASTM F437, ASTM F438, ASTM F439, ASTM F1970, CSA B137.6
CPVC-AL- CPVC	X	X	ASTM F2855	ASTM D2846
Ductile-Iron	X	X	AWWA C151	ASME B16.4, AWWA C110, AWWA C153
Galvanized Steel	X	X	ASTM A53	-
Malleable Iron	X	X	-	ASME B16.3
PE	X <sup>1</sup>	-	ASTM D2239, ASTM 2737, ASTM D3035, AWWA C901, CSA B137.1	ASTM D2609, ASTM D2683, ASTM D3261, ASTM F1055, CSA B137.1
PE-AL-PE	X	X	ASTM F1282, CSA B137.9	ASTM F1282, ASTM F1974, CSA B137.9
PE-AL-PEX	X	X	ASTM F1986	ASTM F1986
PE-RT	X	X	ASTM F2769, CSA B137.18	ASSE 1061, ASTM D3261, ASTM F1055, ASTM F1807, ASTM F2098, ASTM F2159, ASTM F2735, ASTM F2769, CSA B137.18
PEX	X	X	ASTM F876, CSA B137.5, AWWA C904 <sup>1</sup>	ASSE 1061, ASTM F877, ASTM F1807,

				ASTM, F1960, ASTM F2080, ASTM F2159, ASTM F2735, CSA B137.5
PEX-AL-PEX	X	X	ASTM F1281, CSA B137.10	ASTM F1281, ASTM F1974, ASTM F2434 CSA B137.10
PP	X	X	ASTM F2389, CSA B137.11	ASTM F2389, CSA B137.11
PVC	X <sup>1</sup>	-	ASTM D1785, ASTM D2241, AWWA C900	ASTM D2464, ASTM D2466, ASTM D2467, ASTM F1970, AWWA C907
Stainless Steel	X	X	ASTM A269, ASTM A312, ASTM A554, ASTM A1778	ASTM F3226, IAPMO PS 117

<sup>1</sup> For building supply or exterior cold-water applications, not for water distribution piping.

<sup>2</sup> For brazed fittings only.

\*\* FOOTNOTE: Polyethylene (PE) water service piping may extend inside a structure to the building master shut off valve, provided there are no branches taken off ahead of the building master shut off valve.

### **Sec. 3.1.150 – Excessive Water Pressure.**

Section 608.2 of the Uniform Plumbing Code is amended to read as follows: Where static water pressure in the water supply piping is in excess of one hundred (100) psi, an approved type pressure regulator preceded by an adequate strainer shall be installed and the static pressure reduced to one hundred (100) psi or less. Such regulator(s) shall control the pressure to all water outlets in the building unless otherwise approved by the administrative authority. Each such regulator and strainer shall be accessibly located aboveground or in a vault equipped with a properly sized and sloped bore sighted drain to daylight, shall be protected from freezing, and shall have the strainer readily accessible for cleaning without removing the regulator or strainer body or disconnecting the supply piping. All pipe size determinations shall be based on eighty percent (80%) of the reduced pressure when using Table 610.4.



### **Sec. 3.1.155 – Temperature and Pressure Relief Discharge.**

Section 608.5 (7) of the Uniform Plumbing Code is amended to add the following exception:

Where structurally impractical to extend the temperature and pressure relief discharge piping to a suitable location, the temperature and pressure relief discharge piping may be terminated to the water heater pan and a water alarm shall be installed.

### **Sec. 3.1.160 – Installation.**

Section 609.1 of the Uniform Plumbing Code is amended to read as follows:

All water piping shall be adequately supported in accordance with Section 313.0, Table 313.3 and to the satisfaction of the administrative authority. Burred ends shall be reamed to the full bore of the pipe. Changes in direction shall be made by the appropriate use of the fittings, except that changes in direction in copper tubing may be made with bends having a radius of not less than six (6) diameters of the tubing, providing that such bends are made with bending equipment that does not deform or create a loss in the cross-sectional area of the tubing. Changes in direction are allowed with flexible pipe and tubing without fittings in accordance with the manufacturer's installation instructions. Provisions shall be made for expansion in hot water piping.

The depth of a water service line shall be at least thirty-six (36) inches below finished grade. Such service shall be not less than five (5) feet from any tree on public property (repair or replacement of an existing service is exempt from this requirement). The water service pipe shall be laid in a ditch separate from other underground pipes or conduits. There shall be not less than eighteen (18) inches of solid undisturbed earth between water service pipes and other underground pipes and conduits. All piping, equipment appurtenances and devices shall be installed in a workmanlike manner in conformity with the provisions and intent of this Code.

### **Sec. 3.1.165 – Residential Sprinkler Systems.**

Section 612.1 of the Uniform Plumbing Code is amended to read as follows:

612.1 Where Required. Where residential sprinkler systems are required or installed in one and two-family dwellings or townhouses, the systems shall be installed by personnel, installer, or both, certified in accordance with ASSE series 7000 in accordance with this section or NFPA 13D. This section shall be

considered equivalent to NFPA 13D. Partial residential sprinkler systems shall be permitted to be installed in buildings not required to be equipped with a residential sprinkler system.

**Sec. 3.1.170 – Commercial Sinks.**

Section 704.3 of the Uniform Plumbing Code is amended to read as follows:

704.3 Commercial Sinks. Pot sinks, scullery sinks, dishwashing sinks, silverware sinks, and other similar fixtures shall discharge indirectly to an approved receptor through an air gap or connect directly to the drainage system. Where directly connected to the drainage system, a floor drain shall be provided adjacent to the fixture and shall be connected on the sewer side of the sink. No other drainage line shall be connected between the floor drain waste connection and the fixture drain. The fixture and floor drain shall be trapped and vented in accordance with this code.

**Sec. 3.1.180 – Solvent Cement Joints.**

Section 705.6.2 of the Uniform Plumbing Code is amended to read as follows:  
(see section 309.4)

PVC pipe and fittings may be joined using a one-step cement approved and listed by the pipe and fitting manufacturer for use without primer and so stated on the label. (Note: Section 705.1.2 Solvent Cement Joint for ABS does not require primer only cement conforming to ASTM D2235).

**Sec. 3.1.190 – Media.**

Section 712.1 of the Uniform Plumbing Code is amended to read as follows:  
The piping of the plumbing, drainage and venting systems shall be tested with water or air. The Authority Having Jurisdiction may require the removal of any cleanouts, etc., to ascertain whether the pressure has reached all parts of the system. After the plumbing fixtures have been set and their traps filled with water, they shall be submitted to a final test.

NOTE: Chapter 7, Part II Building Sewers is deleted and Wichita's "Title 16" regulates sewers.



### **Sec. 3.1.200 – Indirect Waste Receptors.**

Section 804.1 of the Uniform Plumbing Code is amended to read as follows:

All plumbing fixtures or other receptors receiving the discharge of indirect waste pipes shall be approved for the use proposed, shall be of such shape and capacity as to prevent splashing or flooding, and shall be located where they are readily accessible for inspection and cleaning. No indirect waste receptor shall be installed in any toilet rooms, closet, cupboard or storeroom, nor in any other portion of a building not in general use by the occupants there of except standpipes for clothes washers may be installed in toilet and bathroom area when the clothes washers are installed in the same room. Clothes washers shall not be installed so as to discharge into any gravity line higher than sixty (60) inches above its base. The clothes washer standpipe shall be a minimum length of eighteen (18) inches above the trap and the inlet of the standpipe no higher than sixty (60) inches above the floor. In any structure where indirect waste receptors are to be installed in or flush with the floor, these receptors may be floor sinks or floor drains, and shall be readily accessible. Floor drains used as indirect waste receptors shall meet the following requirements:

1. Have a reservoir capacity a minimum of four (4) inches in diameter and two (2) inches deep;
2. Have a perforated cover equal in area to the diameter of the drain;
3. Have a minimum trap and waste line size of two (2) inches in diameter; and
4. The indirect waste line shall maintain a two (2) inch air gap.

### **Sec. 3.1.220 – Condensate Waste From Air-Conditioning Coils.**

Section 814.6 of the Uniform Plumbing Code is amended to read as follows:

Where the condensate waste from air-conditioning coils discharges by direct connection to a tailpiece or to an approved accessible inlet on a bathtub overflow, the connection shall be located in the area controlled by the same person controlling the air-conditioned space.

### **Sec. 3.1.230 – Vent Termination**

Section 906.1 of the Uniform Plumbing Code is amended to read as follows:

Roof Termination. Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than six (6) inches (152 mm) above the roof not less than one (1) foot (305 mm) from a vertical surface. ABS and PVC piping

exceeding 24" exposed to sunlight shall be protected by water based synthetic latex paints.

Exception: Extension through the wall, with prior approval of the Authority Having Jurisdiction, vent terminals through a wall shall be allowed as an alternative method on residential plumbing remodels where other structural issues make it impractical to install a roof termination without remodeling other areas of the structure. Vent terminals extending through the wall shall terminate at a point not less than ten (10) feet (3048 mm) from lot line and not less than ten (10) feet (3048 mm) above average ground level. Vent terminations shall not terminate under an overhang of a structure with soffit vents. Sidewall vent terminals shall be protected to prevent birds or rodents from entering or blocking the vent opening.

### **Sec. 3.1.240 – Wet Venting.**

Section 908.0 of the Uniform Plumbing Code is amended to read as follows:

Groups of fixtures on the same floor may be wet or stack vented provided that:

- (1) The maximum distance from the vent intersection with the waste or soil pipe to the dip of the trap shall be in accordance with Table 1002.2.
- (2) Not more than one fixture unit wastes into a one and one-half (1 ½) inch diameter wet vent. Not more than four (4) fixture units shall waste into a two (2) inch diameter (excluding urinals) or nine (9) fixture units into three (3) inch or larger diameter wet vent.
- (3) Excepting floor drains, no fixtures shall waste into such stack below the closet fixture opening without a proper vent.
- (4) The limit of a horizontal wet vent shall be fifteen (15) feet of developed length.
- (5) A wet vent receiving the discharge from a clothes washer can only be used to wet vent a water closet. The vent intersection shall be no closer than four (4) feet total developed length from the top of the closet flange.

### **Sec. 3.1.260 – Air Admittance Valves.**

- (1) With approval from the Authority Having Jurisdiction, air admittance valves may be allowed as an alternative venting method where structural issues make it impractical to install a conventional vent. Situations in which structural issues make it impractical to install a conventional vent shall include, but not be limited to:



- a. Where there are no full height walls that extend from the floor to the ceiling or roof;
- b. Where the wall or walls potentially available cannot be altered for penetration due to the load bearing function of the wall;
- c. Where structural elements such as trusses or beams are in place that cannot be altered for penetration by boring, cutting, or notching;
- d. Where the HVAC duct is located such that code compliant slope cannot be achieved on the foot vent or drain piping to install a UPC code compliant island vent system;
- e. Where piping would be exposed in such a manner as to detract from the aesthetic, harmonious or functional qualities of the space;
- f. Where there is a habitable or finished space above the trapped fixture that is not being remodeled;
- g. Where the fixture is in an island or pedestal configuration and one or more of site conditions number (a) through (f) apply; and
- h. Where remodeling an existing concrete slab on grade structure where there is insufficient depth of drainage piping to achieve code compliant slope of the foot vent.

(2) Vent systems using air admittance valves shall comply with this section, including the following requirements:

- a. Individual and branch-type air admittance valves shall conform to ASSE 1051.
- b. The valves shall be installed in accordance with the requirements of this Section and the manufacturer's instructions. Air admittance valves shall be installed after the DWV testing required by Section 105.0 and 712.0 of the Uniform Plumbing Code has been performed.
- c. Individual vents and branch type air admittance valves shall vent only fixtures that are on the same floor level and connect to a horizontal branch drain.
- d. Individual and branch air admittance valves shall be located not less than four (4) inches above the horizontal branch drain or fixture drain being vented. The air admittance valve shall be located with the maximum developed length permitted for the vent. The air admittance valve shall be installed not less than six (6) inches above insulation materials when installed in attics.
- e. Access shall be provided to air admittance valves. Such valves shall be installed in a location that allows air to enter the valve.
- f. Air admittance valves shall not be located in spaces utilized as supply or return air plenums.

- g. The air admittance valve shall be rated for the size of the vent to which the valve is connected.
- h. Each plumbing system shall be vented by one or more vent pipes extending outdoors to the open air, and the aggregate cross-sectional area of which shall be not less than that of the largest required building sewer, as stated in 904.1 of the Uniform Plumbing Code.
- i. Air admittance valves shall not be used to vent sumps or tanks except where the vent system for the sump or tank has been designed by an engineer.
- j. A permanent, visible label shall be attached to the panel, enclosure, or trap of the fixture being served stating "AIR ADMITTANCE VALVE INSTALLED".

**Section 28. Section 3.1.265 is hereby created to read as follows:**

**Sec. 3.1.265 – Grease Interceptors.**

Section 1014.1 of the Uniform Plumbing Code is amended to read as follows:

1014.1 General. Grease interceptors installed within the jurisdiction of the City of Wichita shall conform to Title 16.24.

Where it is determined by the Authority Having Jurisdiction that water pretreatment is required, an approved type of grease interceptor(s) shall comply with ASME A112.14.3, ASME A112.14.4, CSA B481, PDI G-101, or PDI G-102, and sized in accordance with Section 1014.2.1 or Section 1014.3.6 shall be installed in accordance with the manufacturer's installation instructions to receive the drainage from fixtures or equipment that produce grease-laden waste. Grease-laden waste fixtures shall include, but not be limited to, sinks and drains, such as floor drains, floor sinks, and other fixtures or equipment in serving establishments, such as restaurants, cafes, lunch counters, cafeterias, bars and clubs, hotels, hospitals, sanitariums, factory or school kitchens, or other establishments where grease is introduced in the drainage or sewage system in quantities that can effect line stoppage or hinder sewage treatment or private sewage disposal systems. A combination of hyrdomechanical, gravity grease interceptors and engineered systems shall be allowed to meet this code and other applicable requirements of the Authority Having Jurisdiction where space or existing physical constraints of existing buildings necessitate such installations. A grease interceptor shall not be required for individual dwelling units or private living quarters. Water closets, urinals, and other plumbing fixtures conveying human waste shall not drain into or through the grease interceptor.



**Section 3.1.270 – Table 1002.2**

Table 1002.2 of the 2021 Uniform Plumbing Code is amended to read as follows:

**Table 1002.2**  
**Horizontal length of trap arms**  
**(Except for water closets and similar fixtures)\***

Trap arm diameter (inches)	Minimum distance from trap to vent (inches)	Maximum length (inches)
1 ¼	2 ½	30
1 ½	3	42
2	4	72
3	6	72
4	8	120
Exceeding 4	2X Diameter	120

Provided that the distance for floor drains shall be within fifteen (15) feet of a ventilated line and the distance for bathtubs with one and one-half (1 ½ ) inch waste shall be within five (5) feet of a vent.

For trap arms three (3) inches in diameter and larger, the change of direction shall not exceed one hundred and thirty-five (135) degrees without the use of a cleanout.

\*The developed length between the trap of a water closet or similar fixture (measured from the top of the closet ring (flange) to inner edge of vent) and its vent shall not exceed six (6) feet.

**Sec.3.1.275 – Trap Seal Primers.**

Section 1007.2 of the Uniform Plumbing Code is amended to read as follows:

1007.2 Trap Seal primers. Potable water supply trap seal primer valves shall comply with ASSE 1018. Drainage and electronic design type trap seal primer devices shall comply with ASSE 1044. Barrier-type trap seal protection devices shall conform to ASSE 1072. Such devices shall be installed and maintained in accordance with the manufacturer’s instructions.

### **Sec. 3.1.277 – Discharge.**

Section 1101.6.1 of the Uniform Plumbing Code is amended to read as follows:

1101.6.1 Discharge. Roof gutters, storm drains, sump pump piping, French drains and pop ups shall not discharge through a street curb unless an application to do so has been submitted to and approved by the City of Wichita Public Works Department in compliance with Title 10 and/or Title 16.20 and/or Title 16.30 and/or 16.32 of the Wichita Code of Ordinances. Roof gutters, storm drains and sump pump piping shall terminate a minimum of 7 ½ feet from a sidewalk, 2 feet from any side lot property line or 10 feet from any front or rear property lot line and flow on the surface of the soil of the lot on which the discharge originates. Roof gutters, storm drains and sump pump discharge shall not be installed to project flow across a property line. The installation of roof gutters, storm drains, or sump pump discharge piping in an easement is prohibited except where specifically approved by City of Wichita or Sedgwick County Public Works and Utilities and/or Storm Water Management and a storm water permit is issued. Where roof gutters, storm drains and sump pump piping discharge to a storm water sewer or open drainage course is approved by City of Wichita Public Works or Sedgwick County Public Works a permit may be issued to a licensed drain layer or plumbing contractor. Where the connection to a storm water sewer is in an easement or right of way, a Dirt Cut or Street Cut permit must also be obtained from the City of Wichita the Public Works and Utilities Department or Sedgwick County Public Works Department. Roof gutters, storm drains and sump pump discharges found to be in violation of this provision shall be brought into compliance at the property owner's and/or contractor's expense within 30 days of written notice. Failure to comply may result in penalties as set forth in Article 1, Section 3 of the UBTC.

### **Sec. 3.1.280 – Rough Piping Inspection.**

Section 1203.3.1 of the Uniform Plumbing Code is amended to read as follows:

A rough piping inspection shall be made after all gas piping authorized by the permit has been installed, and before any such piping has been covered or concealed, or any fixture or appliance has been attached thereto. This inspection shall include a determination that the gas piping size, material and installation meet the requirements of this Code. When installing any gas opening for a future gas-burning appliance in residential gas piping systems, it shall be sized and located according to the following requirements:

1. The future appliance shall be assigned a minimum fifty-five thousand (55,000) BTU value for sizing the gas distribution piping system;



2. For future solid fuel burning fireplaces, the gas opening shall be run to within four (4) feet of the fire box and be controlled by an accessible approved shut-off valve outside the hearth and be properly capped or plugged;
3. For future gas fired appliances, the gas opening shall be run to within three (3) feet of the appliance and be controlled by a readily accessible approved shut-off valve outside the hearth and be properly capped or plugged; and
4. The approved required shut-off valve shall be outside of each appliance or fireplace and ahead of the union connection and in addition to any valve on the appliance.

When creating a new opening all gas piping must be tested in accordance with this Code.

\*When extending an existing gas opening, only that branch must be tested in accordance with his Code.

\*\*When making a gas opening at the meter loop, only that branch must be tested in accordance with this Code.

Exception: When approved by the administrative authority, above procedures may be waived and a soap test administered.

### **Sec. 3.1.290 – Corrugated Stainless Steel.**

Section 1208.6.4.5 and 1210.2 of the Uniform Plumbing Code is amended to read as follows:

Corrugated stainless steel tubing shall be tested and listed in accordance with the construction, installation, and performance requirements of CSA LC-1. [NFPA 54:5.6.3.46] [NFPA 54:7.1.8]. In addition, corrugated stainless steel tubing shall be coated with an electrically conductive jacket compliant with the listing standard of ANSI LC-1/CSA 6.26 – 2014.

### **Sec. 3.1.300 – Installation of Aboveground Piping.**

Section 1210.3 of the Uniform Plumbing Code is amended to read as follows:

All exposed piping installed outdoors shall be elevated not less than three and one-half (3 ½) inches above grade.

Gas piping shall enter or exit the structure above the finish grade, and threaded steel gas piping shall be installed with a swing joint located where the gas piping enters or exits the structure. A "swing joint" means a joint in a threaded pipeline which permits motion in the line in a plane normal to the direction of one part of the line.

Where installed across roof surfaces, gas piping shall be elevated not less than three and one-half (3 ½) inches above the roof surface. Piping installed above ground, outdoors, and installed across the surface of roofs shall be securely supported and located where it will be protected from physical damage. Where passing through an outside wall, the piping shall also be protected against corrosion by coating or wrapping with inert material approved for such applications. The piping shall be sealed around its circumference at the point of the exterior penetration to prevent the entry of water, insects, and rodents. Where piping is encased in a protective pipe sleeve the annular space between the gas piping and the sleeve shall be sealed at the wall to prevent the entry of water insects, or rodents. [NFPA 54:7.2.1]

#### **Sec. 3.1.320 – Installation – LPG.**

Section 1202.1.1 of the Uniform Plumbing Code is created to read as follows:

In areas where natural gas is available for use as a fuel gas, it shall be used as the primary source for fuel gas for R-1, R-2, R-3, and R-4 type occupancy.

#### **Sec. 3.1.322 – Equipment Burning – LPG.**

Section 1212.11.1 of the Uniform Plumbing Code is created to read as follows:

Equipment burning liquefied petroleum gas (LPG) or liquid fuel shall not be located in a pit, an under-floor space, below grade or similar location where vapors or fuel might unsafely collect unless an approved method for the safe collection, removal and containment or disposal of the vapors or fuel is provided.

Exception: Equipment burning liquefied petroleum gas (LPG) that is equipped with an automatically controlled gas valve may be installed below grade of an R-1, R-2, R-3, or R-4 type occupancy, provided that each area where said appliance(s) are located is equipped with a listed, labeled and approved liquefied petroleum gas detection alarm. Detectors shall sound an alarm audible in all area of the structure and be installed per manufacturer's installation instructions.



**Sec. 3.1.324 – Sump Pump – LPG.**

Section 1212.11.2 of the Uniform Plumbing Code, is created to read as follows:

Only submersible type sump pumps will be acceptable for structures with LPG service.

**Sec. 3.1.326 – Log Lighter Valve – LPG.**

Section 1212.11.3 of the Uniform Plumbing Code is created to read as follows:

No LPG log lighter valve shall be allowed to be installed below grade, but they shall be allowed on the main floor with a maximum 50 gallon LPG tank no closer than three (3) feet to a structure. LPG tank must be secured. Valves and fittings must be listed for LPG.

**Sec. 3.1.330 – Building Code Provisions.**

The provisions of Article 2 of this Code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

**Sec. 3.1.340 – Electrical.**

The provisions of Article 4 of this Code shall apply to the installation of electrical systems, including alterations, repairs, replacement equipment, appliances, fixtures, fittings and appurtenances thereto.

**Sec. 3.1.350 – Mechanical.**

The provisions of Article 5 of this Code shall apply to the installation of vents, combustion air, ventilation, mechanical systems, system components, equipment and appliances applied with HVAC systems.

**Sec. 3.1.360 – Fire Prevention.**

The provisions of Title 15 of the Code of the City of Wichita for matters within the jurisdiction of the City of Wichita and Chapter 12 of the Sedgwick County Code for matters within the jurisdiction of Sedgwick County shall apply to

matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of alarm systems and fire hazards in the structure or on the premises.

**Sec. 3.1.370 – Apprentice Limitations.**

Apprentices shall be permitted to work when accompanied by and under the direct supervision of a Master or Journeyman Plumber, who shall be responsible for the plumbing work done by the Apprentice. There shall be a maximum of four (4) Apprentices per one Master or Journeyman Plumber. The on-site Master or Journeyman shall be responsible for maintaining the ratio of Master/Journeyman Plumbers to Apprentices as required by this Section. If an Apprentice works without the required direct supervision, the Qualified Master, on-site Master or Journeyman plumber, and/or the Apprentice may be held responsible for violation of this Code.

**Sec. 3.1.380 – Applicant Requirements, Examinations; Issuance of Certificates.**

Any person desiring to engage in or work at the business of plumbing, plumbing repair, lawn irrigation, water condition, gas fitter, or to do such work, shall submit the prescribed application form to the MABCD for a certificate, and if applicant meets the following requirements or is approved by the Board, shall at such time and place as directed by subjected to an examination as to their qualifications. The qualifications are as follows:

1. A minimum score of seventy-five (75) percent on the “Uniform Plumbing Code (UPC) Examination” Master/Journeyman Plumbing Certificate, which is administered by an approved testing provider, or
2. A minimum score of seventy-five (75) percent on the “International Code Council (ICC) Examination” Master/Journeyman Plumbing Certificate, which is administered by the International Code Council, or an approved testing provider; or
3. A satisfactory score on any other standard examination to determine the qualification of a Master/Journeyman Plumbing Certificate that is approved and adopted by the State of Kansas, pursuant to state law, following the effective date of this Code. Applicant requirements:
  - a. Journeyman Plumber: two (2) years documented Field Experience.



- b. Master Plumber: two (2) years as Journeyman Plumber or four (4) years documented Field Experience.
- c. Journeyman Gas Fitter: two (2) years documented Field Experience.
- d. Master Gas Fitter: two (2) years as a Journeyman Plumber or four (4) years documented Field Experience.
- e. Journeyman Drain Layer: two (2) years documented Field Experience.
- f. Master Drain Layer: two (2) years as a Journeyman Plumber or four (4) years documented Field Experience.
- g. Journeyman Lawn Irrigation: two (2) years documented Field Experience.
- h. Master Lawn Irrigation: two (2) years as Journeyman Plumber or four (4) years documented Field Experience.

Note: For Journeyman Plumber requirements, an applicant may use completion of a technical or trade related school for one (1) year of the required two (2) years. The schooling shall consist of a minimum of nine hundred thirty (930) program hours documented by a certificate of completion.

**Sec. 3.1.390 – Fees for Examination and Certificates, Renewing, and Continuing Education Requirements.**

1. The fee for each examination and original certificate of a Master Plumber, Journeyman Plumber, Master Drain Layer, Journeyman Drain Layer, Master Lawn Irrigation, Journeyman Lawn Irrigation, Master Water Conditioning, Master Gas Fitter or Journeyman Gas Fitter shall be established by the Director of the MABCD to cover the administrative costs of issuing such certificates. This fee shall be paid to the MABCD when the application for a certificate is made. Individuals not holding a certificate at the beginning of the certificate cycle, who obtain a certificate during such certificate cycle by the standardized test required by K.S.A. 12-1508 and any amendments thereto, will be issued the initial certificate without documentation of continuing education. Such certificate will be issued noting the test provider, specific test type and grade. Such test shall be completed during the certificate cycle. The biennial fee for all certificates shall be established by the Director of the MABCD to cover the administrative costs of issuing such certificates. All certificates shall expire on December 31<sup>st</sup> of each odd-numbered year and no reduction shall be made for part of the year being elapsed. Any holder of a certificate who fails to renew the same by March 1<sup>st</sup> after its expiration shall be required to submit one of the following:

- a. Proof of completing a new examination in accordance with K.S.A. 12-1508; or
  - b. Proof of completing an additional one and one-half (1 1/2) hours of continuing education hours, pursuant to K.S.A. 12-1509, for each three (3) month period the renewal is late and only when the original certificate was issued pursuant to K.S.A. 12-1508. It is the total responsibility of the certificate holder to assure that his/her certificate has been renewed and is valid.
  - c. If the holder of an expired certificate wishes to request a variance from the requirements in subsections (a) or (b), such request shall be made in writing to the Director or designee of the Authority Having Jurisdiction. If the Director or designee chooses not to grant the variance, notice of the denial must be given in writing pursuant to Article 1 of the Wichita-Sedgwick County Unified Building and Trade Code. The individual may appeal the decision to the Board of Appeals of Plumbers and Gas Fitters using the same procedure outlined in Article 1 of the Wichita-Sedgwick County Unified Building and Trade Code.
2. Individuals passing the examination in the first year of a renewal cycle will need to provide documentation of twelve (12) hours of approved continuing education when renewing their certificate. Not less than six (6) hours shall consist of plumbing code education. The continuing education shall be attended during the certification cycle.

Individuals passing the examination in the second year of a renewal cycle will need to provide documentation of six (6) hours approved continuing education when renewing their certificate. Not less than three (3) hours shall consist of plumbing code education. The continuing education shall be attended during the second year of the certificate cycle. Individuals with an active certificate that passed the examination prior to the first year of the renewal cycle must provide written proof of having completed biennially not less than twelve (12) hours of continuing education approved by the MABCD. Not less than six (6) hours shall consist of plumbing code education. Continuing education shall be provided by the MABCD or a nationally recognized trade association, community college, technical school, technical college or other provider approved by the MABCD. All twelve (12) hours of education shall comply with the MABCD's continuing education guidelines for plumbing.



**Sec. 3.1.400 – Licenses.**

Any person engaging or desiring to engage in the business of plumbing, plumbing repair, drain laying, lawn irrigation, water conditioning, gas fitting or gas fitting repair shall, before obtaining any permit or transacting any business, obtain a license therefore from the Director of the MABCD, which license shall expire on December 31<sup>st</sup> of each odd-numbered year.

**Section 3.1.410 – Certain Persons Exempt from License Requirements.**

Sec. 3.1.410 – Certain Persons Exempt from License Requirements is hereby amended to read as follows:

Any person, corporation, business, government entity or similar entity not engaged in the business of plumbing within the scope of this Code who has in his/her regular and permanent employment a person or persons who possess a current and valid journeyman or master plumbing certificate shall be permitted to have such person or persons perform maintenance and repair work that does not require a permit, on buildings and premises that are owned, leased, operated or managed by said person, corporation, business, government entity or similar entity and shall be exempt from this Code as pertains to licenses, but shall be subject to all other requirements pertaining to this Code.

**Sec. 3.1.420 – Revocation of Certificates and Licenses.**

The Board is authorized to cancel and recall any certificate or license obtained in accordance with the provisions of Article 3 of this Code for any or all of the following reasons:

- Abandonment of any contract without legal cause; or
- Diversion of funds or property received for performance or completion of a specific contract, or for a specific purpose in the performance or completion of any contract, and the application or use for any other contract, obligation or purpose, or the failure, neglect or refusal to use such funds or property for the performance or completion of such contract; or
- Violation of any provisions of this Code or the failure or refusal to comply with any lawful order of the administrative authority;
- Misrepresentation of a material fact by the applicant in obtaining a license; or
- The failure of any such Master Plumber, Master Gas Fitter, Master Drain Layer, Master Lawn Irrigation, Master Water Conditioning, Journeyman

Plumber, Journeyman Gas Fitter, Journeyman Drain Layer, or Journeyman Lawn Irrigation to fully satisfy all claims for labor and materials used in the performance of any work for which he has been engaged and for which has been paid; or

- Use of a license to obtain permits for another; or
- Carelessness or negligence in providing safety measures for the protection of workmen and the public; or
- Failure to obtain permits or schedule required inspections; or
- Unreasonable delay in the performance and carrying out of any contract; or
- A Qualified Master who allows or permits an uncertified individual to engage in the business of plumbing, plumbing repair, lawn irrigation, water conditioning, or gas fitting; or
- Any person who installs, removes, alters, repairs or replaces or causes to be installed, removed, altered, repaired or replaced, any plumbing, gas or drainage piping work or fixture or water heating or treating equipment in a building or premises without first obtaining the proper permit to such work from the MABCD; or
- Failure to obtain an excavation permit from the Department of Public Works – Engineering prior to performing any excavation work on public property within the city limits of the City of Wichita and said permit to be obtained in accordance with the terms of Chapter 10.20 of the Code of the City of Wichita, or who fails to obtain a separate permit for each building or structure or for any additional work other than authorized in the permit; or
- A Licensed contractor who allows another person, to do or cause to be done any work under a permit secured by said contractor except those persons in his employment.

### **Sec. 3.1.430 – Owner Occupants – Minor Repairs.**

Regardless of the requirements of other sections of this Code, the owner-occupant of a single-family dwelling may obtain permits to repair, replace, or maintain the existing plumbing systems in such single-family dwelling and the usual accessory buildings in connection with such dwelling; provided, however, that the owner-occupant shall perform all such work and that the work so performed is in accordance with this Code as verified by an inspection requested by such owner-occupant and performed by the MABCD. No permit shall be required for minor repairs or alterations, which do not exceed two hundred dollars (\$200.00) as the price charged for such work, but such work, shall comply with all requirements of this Code.



**Sec. 3.1.440 – Owner-Occupants Permit, Fee, Examination, and Requirements.**

The owner-occupant of a detached single-family dwelling occupied or to be occupied by the owner-occupant applying for the permit may be permitted to install plumbing systems in the main structure and accessory structures thereto provided all materials are purchased and all labor is performed by the applicant. Owner-occupants applying for permits for installations as outlined above shall first qualify themselves by successfully passing an open book examination dealing with relevant provisions of this Code. Successful passage of the examination shall qualify the applicant for future permits until the time of adoption of another edition of the Code by the MABCD. Prior to permit approval, the applicant shall also submit a plan of the installation drawn in a format acceptable to and drawn in sufficient detail as to satisfy the Director of the MABCD of the overall Code compliance of the anticipated installation. Permit fees shall be as set forth elsewhere in this Code and in Article 2 provided, however, that each additional inspection owing to detected Code deficiencies requiring correction shall be billed at the rate as determined by the Director of the MABCD. Permits for installations in completely new residences and/or total remodel permits shall be limited to one (1) in three (3) years to each applicant unless a waiver is obtained, upon written application, from the Director of MABCD or Designee.

**Sec. 3.1.450 – Insurance Requirements.**

See Article 1.4(c) of this Code.

**Sec. 3.1.460 – Licensed Contractors – Established Place of Business Required.**

See Article 1.4(a) of this Code.

**Sec. 3.1.470 – License Contractors – Marking of Vehicles.**

See Article 1.4(b) of this Code.

**Sec. 3.480 – Truth in Advertising Requirements.**

See Article 1.4(d) of this Code.

## **Article 3, Section 2 – PREFABRICATED ASSEMBLIES**

### **Sec. 3.2.010 – Definitions.**

‘Prefabricated assembly’ means a structural unit, the integral parts of which have been built up or assembled prior to incorporation in the building or to be erected as a building unit.

‘Approved agency’ means an established and recognized agency regularly engaged in conducting tests or furnishing inspection services.

### **Sec. 3.2.020 – Certificates of Approval.**

A certificate of approval by an approved agency shall be furnished with every prefabricated assembly, except where the assembly is readily accessible to inspection at the site. The certificate of approval shall certify that the assembly in question has been inspected and meets the requirements of Article 3 of this Code.

### **Sec. 3.2.030 – Field Erection.**

Placement of prefabricated assemblies at the building site shall be inspected by the plumbing inspector to determine compliance herewith.

### **Sec. 3.2.040 - Master Plumber’s certificate or approved agency certification.**

The installation of plumbing, house drainage, gas piping, fixtures and appliances within or on any prefabricated assembly to be erected shall be performed under the supervision of a person who has secured a master plumber’s certificate as approved by the Director of the MABCD when certified as defined in Sec. 3.1.280 of this Code.

### **Sec. 3.2.050 – Permit required.**

Final connections of the plumbing and gas piping services to the prefabricated assembly shall be made by a licensed master plumber, and for each assembly placed within the MABCD jurisdiction, as applicable, he/she shall secure a permit according to Article 3 of this code.



This resolution shall take effect and be in force upon approval and shall be published once in the official County newspaper.

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Commissioners present and voting were:

PETER F. MEITZNER  
SARAH LOPEZ  
DAVID T. DENNIS  
RYAN K. BATY  
JAMES M. HOWELL

aye  
aye  
aye  
aye

Dated this 19 day of July, 2023.

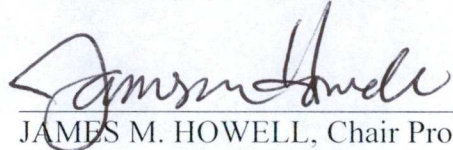
ATTEST:

  
KELLY B. ARNOLD, County Clerk

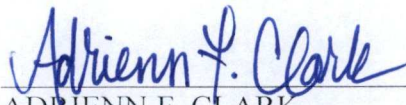


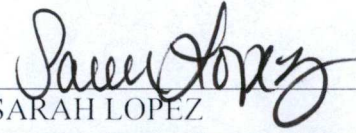
BOARD OF COUNTY COMMISSIONERS  
OF SEDGWICK COUNTY, KANSAS

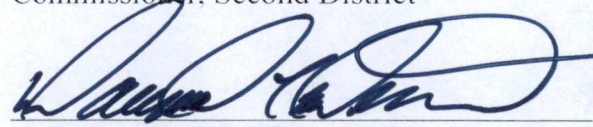
  
PETER F. MEITZNER, Chairman  
Commissioner, First District


  
JAMES M. HOWELL, Chair Pro Tem  
Commissioner, Fifth District

APPROVED AS TO FORM:

  
ADRIENN F. CLARK  
Assistant County Counselor

  
SARAH LOPEZ  
Commissioner, Second District

  
DAVID T. DENNIS  
Commissioner, Third District

  
RYAN K. BATY  
Commissioner, Fourth District