

RESOLUTION NO. 232-2021

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**A RESOLUTION TO ADOPT THE 2021 UNIFORM PLUMBING CODE  
AND AMEND CERTAIN SECTIONS 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**, this Resolution adopts and incorporates the Uniform Plumbing Code, 2021 Edition, with local amendments, into Article 3 of the UBTC.

**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 sprinkler. (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 chairman and make such rules as are necessary for the conduct of its business.

Sections 107.1 and 107.2 of the 2021 Uniform Plumbing Code are hereby deleted in their entirety.

**Section 2.** Article 3, Section 1 – MABCD PLUMBING CODE is hereby amended to read as follows:

**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, 107.1, 107.2,

Table No. 104.5 Plumbing Permit Fees,

Sections 312.13, 312.14,

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,

Sections 1014.0, 1015.0,

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.

**Section 3. Section 3.1.020 – Section 101.1 of the 2021 Uniform Plumbing Code is hereby amended to read as follows:**

**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.

**Section 4. Section 3.1.050-Definitions shall be amended to read as follows:**

**Sec. 3.1.050- Definitions.**

Unless otherwise specified, the following terms, as used in this Section, shall mean as follows: 'Air Admittance Valve'. 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 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 Plumber' A journeyman plumber is 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 to be a Journeyman Gas Fitter, Journeyman Drain Layer, Journeyman Lawn Irrigation, Journeyman Sewer Cleaner and certified Water Conditioning Installer 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 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 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, Master Lawn Irrigation, Master Sewer Cleaner and Certified Water Conditioning installer 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.

**Section 5.** Section 3.1.058 – Requirement to Obtain Permit shall be amended to read as follows:

**Sec. 3.1.056. -Requirement to Obtain Permit.**

All persons who install, remove, alter, repair or 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.

**Section 6.** Section 3.1.057 – Dead Legs shall be created to read as follows:

**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.

**Section 7.** Section 3.1.058 – Steel Nail Plates shall be created to read as follows:

**Sec. 3.1.058 - Steel Nail Plates.**

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

**Section 8.** Section 3.1.070 – Test Gauges is hereby amended to read as follows:

**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.

**Section 9.** Section 3.1.080 – Drainage Connection is hereby amended to read as follows:

**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.

**Section 10.** 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 an attic, in or on an attic ceiling assembly, such water heaters shall be anchored or strapped.

**Section 11.** Section 3.1.087 – Drainage Pan is hereby created to read as follows:



**Sec. 3.1.087 – Drainage Pan.**

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.

**Section 12.** Section 3.1.088 – Installation Instructions is hereby created to read as follows:

**Sec. 3.1.088 – Installation Instructions.**

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]

**Section 13.** Section 3.1.100 – Protection from Lawn Sprinklers and Irrigation Systems is hereby amended to read as follows:

**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.

**Section 14.** Section 3.1.130 – Protection from Fire Systems is hereby amended to read as follows:

**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 system protection include the following: (1) Double check backflow preventer, and (2) Double check detector assembly.

**Section 15.** Section 3.1.155 – Temperature and Pressure Relief Discharge is hereby created to read as follows:

**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: 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.

**Section 16.** Section 3.1.165 – Residential Sprinkler Systems is hereby created to read as follows:

**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.

**Section 17.** Section 3.1.170 is hereby amended to read as follows:

**Sec. 3.1.170 - 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)

**Section 18.** Section 3.1.180 – Discharge Line is hereby deleted.

**Section 19.** Section 3.1.190 – Media is hereby amended to read as follows:

**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 sewers are regulated by Wichita's "Title 16".

**Section 20.** Section 3.1.195 – Commercial Sinks is hereby created to read as follows:

**Sec. 3.1.195 – 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.

**Section 21.** Section 3.1.200 – Indirect Waste Receptions is hereby amended to read as follows:

**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 thereof, except standpipes for clothes washers may be installed in toilet and bathroom areas 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, provided floor drains. 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.

**Section 22.** Section 3.1.210 -- Point of Discharge is hereby deleted.

**Section 23.** Section 3.1.220 – Condensate Waste From Air-Conditioning Coils is hereby amended to read as follows:

**Section 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.

**Section 24.** Section 3.1.230 – Vent Termination is hereby amended to read as follows:

**Section 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 (152mm) above the roof not less than one (1) foot (305mm) 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 (3048mm) from a lot line and not less than ten (10) feet (3048mm) above average ground level. Vent terminations shall not terminate under an overhang of a structure with soffit vents. Side wall vent terminals shall be protected to prevent birds or rodents from entering or blocking the vent opening.

**Section 25.** Section 3.1.240 – Wet Venting is hereby amended to read as follows:

**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 1/2) 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.

**Section 26.** Section 3.1.250 is hereby deleted.

**Section 27.** Section 3.1.260 is hereby amended to read as follows:

**Sec. 3.1.260 - Air Admittance Valves.**

(a) 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:

- (1) Where there are no full height walls that extend from the floor to the ceiling or roof;
- (2) Where the wall or walls potentially available cannot be altered for penetration due to the load bearing function of the wall;
- (3) Where structural elements such as trusses or beams are in place that cannot be altered for penetration by boring, cutting, or notching;
- (4) 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;
- (5) Where piping would be exposed in such a manner as to detract from the aesthetic, harmonious or functional qualities of the space;
- (6) Where there is a habitable or finished space above the trapped fixture that is not being remodeled;
- (7) Where the fixture is in an island or pedestal configuration and one or more of site conditions number 1 through 6 apply; and

(8) 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.

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

(1) Individual and branch-type air admittance valves shall conform to ASSE 1051.

(2) 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 Sections 105.0 and 712.0 of the Uniform Plumbing Code has been performed.

(3) 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.

(4) 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 within 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.

(5) Access shall be provided to air admittance valves. Such valves shall be installed in a location that allows air to enter the valve.

(6) Air admittance valves shall not be located in spaces utilized as supply or return air plenums.

(7) The air admittance valve shall be rated for the size of the vent to which the valve is connected

(8) 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.

(9) 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.



(10) 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:

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

1014.1 General. Where it is determined by the Authority Having Jurisdiction that waste 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 into the drainage or sewage system in quantities that can effect line stoppage or hinder sewage treatment or private sewage disposal systems. A combination of hydromechanical, 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 29.** Section 3.1.275 is hereby created to read as follows:

**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 with ASSE 1072. Such devices shall be installed and maintained in accordance with the manufacturer's instructions.

**Section 30.** Section 3.1.277 is hereby created to read as follows:

**Sec. 3.1.277 – Discharge.**

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

1101.6.1 Discharge. Sump pump piping, french drains and pop ups shall not discharge through a street curb. 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. Sump pump discharge shall not be directed to project flow across a property line. The installation of 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 sump pump discharge to a storm water sewer or open drainage course is approved 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 Public Works and Utilities Department of the City of Wichita or Sedgwick

County. Sump pump discharges found to be in violation of this provision shall be brought into compliance at the property owners and contractors 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.

**Section 31.** Section 3.1.290 – Corrugated Stainless Steel is hereby amended to read as follows:

**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.

**Section 32.** Section 3.1.300 Installation of Gas Piping is hereby amended to read as follows:

**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 (3-1/2) 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 (3-1/2) 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 an 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]

**Section 33.** Section 3.1.310 Bonding of CSST Gas Piping is hereby deleted.

**Section 34.** Section 3.1.320 – Installation – LPG is hereby amended to read as follows:

**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.

**Section 35.** Section 3.1.322 – Equipment Burning – LPG is hereby amended to read as follows:

**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 a 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 areas of the structure and be installed per manufacturers installation instructions.

**Section 36.** Section 3.1.324 – Sump Pump – LPG is hereby amended to read as follows:

**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.

**Section 37.** Section 3.1.326 – Log Lighter Valve – LPG is hereby amended to read as follows:

**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.

**Section 38.** Section 3.1.390 – Fees for Examination and Certificates, Renewing, and Continuing Education Requirements is hereby amended to read as follows:

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

(a) 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, certified Water Conditioning Installer, 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. All such certificates shall expire on December 31st of each odd numbered year. The biennial fee for all certificates shall be established by the Director of the MABCD to cover the administrative cost of issuing such certificates. All such certificates shall be renewed biennially upon payment established by the Director of the MABCD to cover the administrative costs of issuing such certificates. All certificates shall expire on December 31st 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 1st after its expiration shall be required to submit one of the following:

(1) Proof of completing a new examination in accordance with K.S.A. 12-1508; or (2) 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.

(b) 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 certificate 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.

**Section 39.** Section 3.1.400 – Licenses is hereby amended to read as follows:

**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 31st of each odd- numbered year.

**Section 40.** Section 3.1.410 – Certain Persons Exempt from License Requirements is hereby amended to read as follows:

**Sec. 3.1.410 - Certain Persons Exempt from License Requirements.**

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.

**Section 41.**

This resolution shall be published once in the official county newspaper and shall become effective on January 1, 2022.

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Commissioners present and voting were:

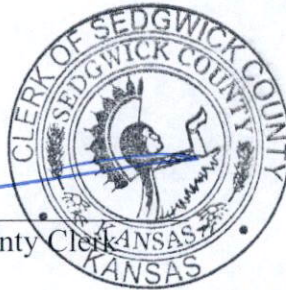
PETER F. MEITZNER  
SARAH LOPEZ  
DAVID T. DENNIS  
LACEY D. CRUSE  
JAMES M. HOWELL

Aye  
Aye  
Aye  
Aye

Dated this 10<sup>th</sup> day of November, 2021.

ATTEST:

[Signature]  
KELLY B. ARNOLD, County Clerk



BOARD OF COUNTY COMMISSIONERS  
OF SEDGWICK COUNTY, KANSAS

[Signature]  
PETER F. MEITZNER, Chairman  
Commissioner, First District

[Signature]  
LACEY D. CRUSE, Chair Pro Tem  
Commissioner, Fourth District

APPROVED AS TO FORM:

[Signature]  
JUSTIN M. WAGGONER  
Assistant County Counselor

[Signature]  
SARAH LOPEZ  
Commissioner, Second District

[Signature]  
DAVID T. DENNIS  
Commissioner, Third District

[Signature]  
JAMES M. HOWELL  
Commissioner, Fifth District