

RESOLUTION NO. 231 - 2021

Date Adopted: 11/10/2021

Date Published: _____

Effective Date: January 1, 2022

**A RESOLUTION TO ADOPT THE 2021 INTERNATIONAL
MECHANICAL CODE AND AMEND CERTAIN SECTIONS OF THE
WICHITA-SEDGWICK COUNTY UNIFIED BUILDING AND TRADE
CODE**

WHEREAS, pursuant to K.S.A. 12-1543, any city or county may adopt and enforce heating, ventilation and air conditioning 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 V of the UBTC contains the Mechanical Code; and

WHEREAS, this Resolution adopts and incorporates the International Mechanical Code, 2021 Edition, with local amendments, into Article V 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.

SECTION 5.1.010 – Adoption of the International Mechanical Code is hereby amended to read as follows:

"The International Mechanical Code, as published by the International Code Council, Inc. 2021 Edition, excluding sections 301.2, 301.3, 507.1.1.1, 802.8, 1101.9, and 1102.3, is hereby adopted and incorporated herein by reference, subject to such amendments thereto as are set forth hereinafter. All provisions within Article V of the Wichita-Sedgwick County

Unified Building and Trade Code prior to the passage of the resolution and ordinance adopting the 2021 International Mechanical Code shall remain unchanged, unless otherwise indicated within such resolution and ordinance. Section 101.1 of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows: Title. These regulations shall be known as the Wichita – Sedgwick County Unified Building and Trade Code “UBTC”, Article 5, International Mechanical Code, hereinafter referred to as “this Code”.”

SECTION 2.

Section 5.1.020 – Scope is hereby amended to read as follows:

“**Section 101.2** of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows: This Code shall regulate the design, installation, maintenance, alteration and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This Code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed herein. The installation of fuel gas equipment, fuel gas fired appliances and gas-fired appliance venting systems shall be regulated by the 2021 International Fuel Gas Code to the extent it is incorporated by the 2021 International Mechanical Code. Exception: Detached one- and two- family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall be governed by Article 5, Section 4 of the UBTC.”

SECTION 3.

SECTION 5.1.075 – Referenced Codes and Standards is hereby amended to read as follows:

“Section 102.8– Referenced Codes and Standards. The codes and standards referenced herein shall be those that are listed in Chapter 15, excluding all references to the 2021 International Energy Conservation Code, and such referenced codes and standards shall be considered as part of the requirements of this Code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102 .8.2.”

SECTION 4.

SECTION 5.1.100 – Corrections and Re-inspections is hereby amended to read as follows:

“Section 107.3.3 – Corrections and Re-inspections. Corrections shall be completed and work rescheduled for inspection within thirty (30) days from the date of the correction notice. Corrections not completed within the thirty (30) days shall be liable for the violation penalties set forth in Article 1.2 of this Code. Access shall be provided for re-inspection by the property owner.”

SECTION 5.

SECTION 5.1.110 – Stop Work Orders is hereby deleted.

SECTION 6.

SECTION 5.1.155 – Guards is hereby created to read as follows:

“Section 304.11– Guards. Guards shall be provided where various components that require service and roof hatch openings are located within 10 feet (3048 mm) of a roof edge or open side of a walking surface and such edge or open side is located more than 30 inches (762 mm) beyond each end of components that require service and each end of the roof hatch parallel to the roof edge. The top of the guard shall be located not less than 42 inches (1067 mm) above the elevated surface adjacent to the guard. The guard shall be constructed so as to prevent the passage of a 21-

inch-diameter (533 mm) sphere and shall comply with the loading requirements for guards specified in the International Building Code.

Exception: Guards are not required where fall arrest/anchorage connector devices that comply with ANSA/ASSP Z359.1 are approved.”

SECTION 7.

SECTION 5.1.175 – Ventilation Required is hereby amended to read as follows:

“**Section 401.2– Ventilation Required.** Every occupied space shall be ventilated by natural means in accordance with Section 402 or by mechanical means in accordance with Section 403.

Exception: ASHRAE Standard 62.1-1997 may be substituted for the ventilation requirements of Chapter 4 of the 2021 International Mechanical Code.”

SECTION 8.

SECTION 5.1.178 – Duct Installation is hereby amended to read as follows:

“**Section 504.9.2 - Duct Installation.** Exhaust ducts shall be supported at intervals not to exceed 12 feet (3658 mm) vertically or 6 feet (1828.8 mm) horizontally and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. Exhaust duct joints shall be sealed in accordance with Article 5.4.150 of the UBTC. Exhaust ducts shall not be connected with sheet-metal screws or fastening means which extend into the duct.”

SECTION 9.

SECTION 5.1.179 – Specified Length is hereby amended to read as follows:

“**Section 504.9.4.1 - Specified Length.** The maximum length of the exhaust duct shall be 45 feet (13716 mm) from the connection to the transition duct from the dryer to the outlet terminal. Where fittings are used, the maximum length of the exhaust duct shall be reduced in accordance with Table M1502.4.5.1 of the 2021 International Mechanical Code. The maximum length of the

exhaust duct does not include the transition duct.”

SECTION 10.

SECTION 5.1.200 – Operation is hereby amended to read as follows:

“**Section 507.1.1 - Operation.** Type I hood systems shall be designed and installed to automatically activate the exhaust fan whenever cooking operations occur. The activation of the exhaust fan shall occur through an interlock with the cooking appliances, by means of heat sensors or by means of other approved methods. The system shall be designed by a registered design professional and submitted for plan review with the complete construction document package”

SECTION 11.

SECTION 5.4.010 – Scope is hereby amended to read as follows:

“**Section M1201.1. Scope.** The provisions of Chapters 12 through 24 of the 2021 International Residential Code excluding sections M1308.2.1, M1308.2.2, M1308.2.3, M1411.9, M1504.2, and Chapter 20, shall regulate the design, installation, maintenance, alteration and inspection of mechanical systems that are permanently installed and used to control environmental conditions within buildings. These Chapters shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed in this Code.”

SECTION 12.

SECTION 5.4.090. – Duct Installation is hereby amended to read as follows:

“**Section M1502.4.2 – Duct Installation.** Exhaust ducts shall be supported at intervals not to exceed 12 feet (3658 mm) vertically or 6 feet (1828.8 mm) horizontally and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of the airflow. Exhaust duct joints shall be sealed in accordance with Sec. 5.4.150 of the Unified

Building and Trade Code. Exhaust ducts shall not be connected with sheet-metal screws or fastening means which extend into the duct.”

SECTION 13.

SECTION 5.4.100 – Specified Length is hereby amended to read as follows:

“**Section M1502.4.6.1 Specified Length.** The maximum length of the exhaust duct shall be 45 feet (13716 mm) from the connection to the transition duct from the dryer to the outlet terminal. Where fittings are used, the maximum length of the exhaust duct shall be reduced in accordance with Table M1502.4.6.1 of the 2021 International Residential Code. The maximum length of the exhaust duct does not include the transition duct.”

SECTION 14.

SECTION 5.4.130 – Recirculation of Air is hereby amended to read as follows:

“**Section M15075.2 Recirculation of Air.** Exhaust air from bathrooms and toilet rooms shall not be recirculated within a residence or to another dwelling unit and shall be exhausted directly to the outdoors. Exhaust air from bathrooms and toilet rooms may discharge into an attic when the following are met:

1. The duct(s) conveying exhaust into an attic shall terminate a minimum of thirty-six (36) inches above the top of the ceiling-framing members, and shall not discharge upon any building element.
2. Attics into which bath and/or toilet rooms exhaust are discharged must be properly ventilated, in accordance with Section R806, and shall not discharge into an unvented attic assembly.
3. The exhaust duct(s) shall terminate above the top of the attic insulation with a “goose-neck” installed to prevent infiltration of insulating material into the duct.

Exhaust duct(s) run above the insulation inside of attics, with a developed length greater than five (5) feet, shall be insulated.”

SECTION 15.

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

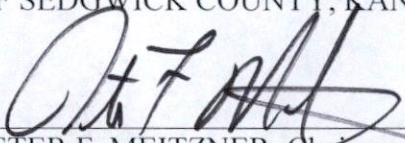
Dated this 10th day of November, 2021.

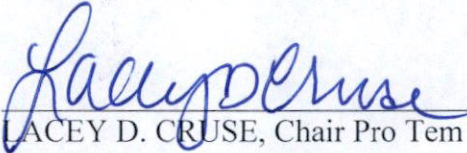
BOARD OF COUNTY COMMISSIONERS
OF SEDGWICK COUNTY, KANSAS

ATTEST:

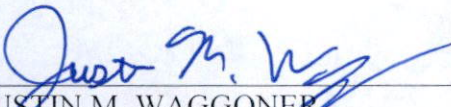

KELLY B. ARNOLD, County Clerk

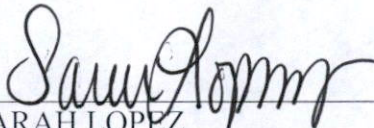


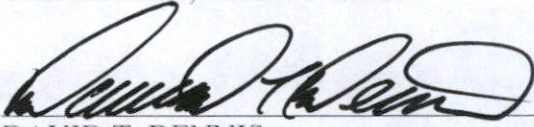

PETER F. MEITZNER, Chairman
Commissioner, First District

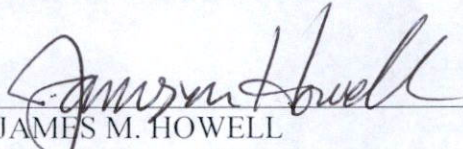

LACEY D. CRUSE, Chair Pro Tem
Commissioner, Fourth District

APPROVED AS TO FORM:


JUSTIN M. WAGGONER
Assistant County Counselor


SARAH LOPEZ
Commissioner, Second District


DAVID T. DENNIS
Commissioner, Third District


JAMES M. HOWELL
Commissioner, Fifth District