

RESOLUTION NO. 147 – 2021

Date Adopted: **June 16, 2021**

Date Published: _____

Effective Date: Upon Publication

**A RESOLUTION ADOPTING THE ASME A17.1-2019 SAFETY CODE
FOR ELEVATORS AND ESCALATORS, AND AMENDING SECTIONS
WITHIN ARTICLE 4 OF THE WICHITA/SEDGWICK COUNTY
UNIFIED BUILDING AND TRADES CODE**

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, the UBTC is the joint building and trade code within the city limits of the City of Wichita, the unincorporated area of Sedgwick County, and the second- and third-class cities within Sedgwick County that agree to have Sedgwick County inspect and/or enforce such codes within their city limits; and

WHEREAS, Article 4 of the UBTC contains the Safety Code for Elevators and Escalators;
and

WHEREAS, this Resolution adopts and incorporates the Safety Code for Elevators and Escalators, 2019 Edition, with local amendments, into Article 4 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 4.5.020 – Installation Standards is hereby amended to read as follows:

“All new or modernized elevators, dumbwaiters, escalators, moving walks, material lifts and related hoistways installations made shall be in strict conformity with the provisions of this

Code and with the approved standards of construction, for safety to life and property. If sections contained within this Code, in a given situation, do not prescribe a specific type or class of material or specific standards of construction, then the standards as set forth and contained in the ASME A17.1-2019 Safety Code for Elevators and Escalators with all the addendums thereto, published by the American Society of Mechanical Engineers, shall apply to the design, construction, installation, operation, alteration and repair of elevators, handicapped accessibility lifts, dumbwaiters, escalators and moving walks and their hoistways. All elevators, escalators, and related equipment, shall be subject to the applicable acceptance and periodic inspections and tests as specified in the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators. The periodic inspections and periodic tests of category 1 shall be made at intervals not longer than one (1) year from the due date as established by the MABCD. The periodic tests of category 3 and 5 shall be made at intervals not longer than five (5) years from the due date as established by the MABCD. By this publication, all provisions of such publication are adopted by reference and made a part of this Code and this Section as though fully set forth herein.

SECTION 2.

SECTION 4.5.030 - Definitions is hereby amended to read as follows:

"Apprentice" means an individual who works as an employee in training under the direct supervision of a Journeyman or Master (while performing elevator work). An Apprentice is not a certified individual.

"Code" means the National Electrical Code, ASME Safety Code for Elevators and Escalators,

and Renewable Energy Codes as adopted by the MABCD, as the context of this Article may require.

"Direct supervision" means that the apprentice/helper is limited to the same structure and/or building site as the Journeyman or Master.

"Elevator" as used in this Code, is inclusive of elevators, escalators, dumbwaiters, moving walks and material lifts.

"Elevator contractor" is a person, firm or corporation licensed to bid, plan, layout, install and supervise the installation, repair or maintenance of elevators and their associated equipment, material or devices.

"Equipment" is any elevator, escalator, dumbwaiter, moving walk, material lift, and dumbwaiters with automatic transfer devices, as defined in ASME A17.1-2019 Safety Code for Elevators and Escalators

"Handicapped accessibility lift" means a hoisting and lowering mechanism equipped with a car, platform or chair that is installed in locations for use by the physically handicapped. For purposes of this Code, this definition specifically refers to the following devices: inclined stairway chairlifts, inclined and vertical platform lifts, and private residence inclined stairway chairlifts and private residence inclined and vertical platform lifts.

"Handicapped accessibility lift contractor" is a person, firm or corporation licensed to bid, plan, layout, install and supervise the installation, repair or maintenance of handicapped accessibility lifts and their associated equipment, material or devices.

"Helper" means an individual who works as an employee in training under the direct supervision of a Journeyman or Master (while performing elevator work). A helper is not a certified individual.

"Journeyman" means an individual working for a licensed contractor, as defined below, and engaged principally in the occupation of erecting, installing, altering, repairing, servicing or maintaining in any or all of the following classifications and who is duly certified as herein set forth to engage in such occupation: A Journeyman is responsible for the supervision of any apprentice/helper assigned to work with them.

"Licensed contractor" means a person, firm, partnership, corporation, limited liability company, association or combination thereof, 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 electrical, elevator, accessibility lift, alarm, or renewable energy.

"Master" means an individual that holds a Master certificate issued pursuant to this article evidencing such person to be qualified to lay out, install, maintain and repair work in their area of expertise. A Master is responsible for the supervision of any apprentice/helper assigned to work with them.

"Qualified Master" or *"Qualified Person"* means an individual who holds a Master certificate issued pursuant to this article 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 or Qualified Person for more than one licensed contractor's enterprise.

"Modernization," as used in this Code, means updating all aspects of the car, platform, hoistway, machine room and all related equipment. The requirements set forth in the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators, published by the American Society of Mechanical Engineers shall apply.

SECTION 3.

SECTION 4.5.180 – Owners requesting equipment be removed from service is hereby amended to read as follows:

“Owners requesting equipment be removed permanently from service shall have the elevator contractor perform the following:

(A) Hydraulic equipment: Open the manual lowering valve and land the elevator car on the springs. Remove the hydraulic fluid.

(B) Traction equipment: Lower the elevator car and land on the springs. Remove the hoist cables.

(C) All equipment shall have the load side conductors to the disconnecting means removed and a lock shall be installed.

“Owners requesting equipment be removed temporarily from service shall allow the elevator inspector to perform the following:

(A) Remove the source of power to the equipment by turning off the electrical disconnect, installing a lock, and a red tag on the disconnect as applicable.

(B) An annual inspection shall be performed to verify the equipment has not been returned to service without the required inspections.

“A re-inspection fee shall apply when equipment is to be returned to service.

“An investigation fee shall apply when any equipment is returned to service without proper inspections.

SECTION 4.

SECTION 4.5.190 – Alterations and repairs is hereby amended to read as follows:

“The following alterations and/or repairs for equipment as defined in this Code require permits from the MABCD:

- (1) Increase or decrease in rated load or speed;
- (2) Increase or decrease in dead weight of car;
- (3) Increase or decrease in travel;
- (4) Change in type of operation or control;
- (5) Replacement, change in size, length or number of suspension ropes, belts or compensating chains;
- (6) Replacement, change in size or length of safety or governor ropes;
- (7) Replacement, change in size or type of guide rails;
- (8) Replacement, change in type or addition of a car or counterweight safety;
- (9) Replacement, change in power supply, drive, or DC generator;
- (10) Replacement of an existing machine by a new driving machine;
- (11) Replacement of an existing governor by a new governor or replacement of governor components;

- (12) Replacement of an existing controller by a new controller;
- (13) Replacement of an existing driving machine brake by a new brake or any braking components;
- (14) Replacement of tanks or anticreep leveling device;
- (15) Replacement of pump, motor or valves;
- (16) Replacement of hoistway doors;
- (17) Replacement of hoistway door re-opening devices;
- (18) Addition or Alteration of hoistway-door locking devices or car-door or gate electric contacts;
- (19) Addition or Alteration of hoistway access switches;
- (20) Addition or Alteration of top-of-car, hoistway-door and/or car-door or gate operating devices;
- (21) Addition or Alteration of rope equalizers;
- (22) Addition or Alteration of auxiliary rope-fastening devices;
- (23) Addition or Alteration of car-leveling or truck-zoning devices;
- (24) Addition or Alteration of roller guide shoes;
- (25) Addition or Alteration of automatic transfer device;
- (26) Addition, Replacement, or Alteration of fire service or any related components;
- (27) Addition, Replacement or Alteration of ADA compliant devices;
- (28) Replacement of hydraulic cylinder or plunger;
- (29) Replacement, addition or removal of canopy, wall or floor covering;
- (30) Replacement of car operation panel;
- (31) Replacement of escalator step(s);

- (32) Replacement of escalator handrails;
- (33) Replacement, Addition, or Alteration of any safety operation switch or device;
- (34) Addition, Replacement or Alteration of elevator operation security devices.”

SECTION 5.

SECTION 4.5.210. - Test tags is hereby deleted:

SECTION 6.

SECTION 4.5.220. - Replacement of controller is hereby deleted:

SECTION 7.

SECTION 4.5.230 – Protection of hoistway opening – private residence type elevators

“Section 5.3.1.8 of the ASME 17.1 Safety Code for Elevators and Escalators shall be amended to read as follows:

“The distance between the hoistway face of the hoistway doors and the hoistway edge of the landing sill shall not exceed (0.75 inch) for swinging doors and (2.25 inch) for sliding doors except when a re-opening device (light ray) is installed for the purpose of disconnecting power to the equipment.

SECTION 8.

SECTION 4.5.260. – Inspection Compliance Certificates is hereby amended to read as follows:

“The elevator inspector shall perform acceptance and periodic inspections and tests as required by this Code and when found in compliance with this Section will, after all fees are paid in accordance with Section 4.5.200, issue a compliance certificate for all commercial applications. This certificate shall be permanently displayed in the elevator car for which the certificate was issued. The certificate shall be framed and installed in a location approved by the elevator inspector. Escalators and handicap accessibility lifts shall have the compliance certificate permanently displayed in a frame adjacent to the equipment and at a location approved by the elevator inspector. The frame shall be a minimum of six (6) inches by nine (9) inches.

SECTION 9.

SECTION 4.5.270. – EM Communications – Elevators and Escalators.

“A Communications device that meets the American with Disabilities Act (ADA) shall be installed in each elevator car. It is unlawful for any person to have the automatic dialing device installed in an elevator dial directly into emergency communications center whether by dialing 911 or otherwise.

SECTION 10.

SECTION 4.6.080. – Authorized personnel is hereby deleted:

SECTION 11.

SECTION 4.6.090. – EM Communications – Elevators in Commercial Buildings.

“A Communications device that meets the American with Disabilities Act (ADA) shall be installed in each elevator car. It is unlawful for any person to have the automatic dialing device installed in an elevator dial directly into emergency communications center whether by dialing 911 or otherwise.

SECTION 12.

SECTION 4.6.110. - Required inspections is hereby amended as follows:

“All equipment shall be subject to the applicable acceptance, routine, and periodic inspections and tests as specified in the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators. The routine inspections and tests shall be made at intervals not longer than one (1) year. The periodic inspections and periodic tests of category 1 shall be made at intervals not longer than one (1) year from the due date as established by the MABCD. The periodic tests of category 3 and 5 shall be made at intervals not longer than five (5) years from the due date as established by the MABCD.

SECTION 13.

SECTION 4.7.050. – Types of entrances is hereby deleted:

SECTION 14.

SECTION 4.7.060 – Openings Prohibited is hereby deleted:

SECTION 15.

SECTION 4.7.070. - Requirements for passenger overload is hereby deleted:

SECTION 16.

SECTION 4.7.080 – Car enclosures is hereby deleted:

SECTION 17.

SECTION 4.7.090. – EM Communications – Freight Elevators in Commercial Buildings

“A Communications device that meets the American with Disabilities Act (ADA) shall be installed in each elevator car. It is unlawful for any person to have the automatic dialing device installed in an elevator dial directly into emergency communications center whether by dialing 911 or otherwise.

SECTION 18.

SECTION 4.7.100 – Required inspections is hereby amended as follows:

“All equipment in this section shall be subject to the applicable acceptance, routine, and periodic inspections and tests as specified and set forth and contained in the latest adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators. The routine inspections

and tests shall be made at intervals not longer than one (1) year from the due date as established by the MABCD. The periodic inspections and periodic tests of category 1 shall be made at intervals not longer than one (1) year. The periodic tests of category 3 and 5 shall be made at intervals not longer than five (5) years from the due date as established by the MABCD.

SECTION 19.

SECTION 4.7.110 – Emergency operation and signaling devices is hereby deleted:

SECTION 20.

The originals of Sections 4.5.020, 4.5.030, 4.5.180, 4.5.190, 4.5.210, 4.5.220, 4.5.260, 4.6.080, 4.6.110, 4.7.050, 4.7.060, 4.7.070, 4.7.080, 4.7.100 and 4.7.110 as written prior to the passage of this Resolution, are hereby repealed.

SECTION 21.

Upon approval of this Resolution, the Sedgwick County Clerk is directed to publish this Resolution once in the official county newspaper. This Resolution shall be included in the Wichita-Sedgwick County Unified Building and Trade Code, and shall be effective on June 1, 2021.

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Commissioners present and voting were:

PETER F. MEITZNER	<u>AYE</u>
SARAH LOPEZ	<u>AYE</u>
DAVID T. DENNIS	<u>AYE</u>
LACEY D. CRUSE	<u>AYE</u>
JAMES M. HOWELL	<u>AYE</u>

Dated this 16th day of June, 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:

KIRK W. SPONSEL
Assistant County Counselor

SARAH A. LOPEZ
Commissioner, Second District

DAVID T. DENNIS
Commissioner, Third District

JAMES M. HOWELL
Commissioner, Fifth District