

RESOLUTION NO. 008-2019

Published on: \_\_\_\_\_

Effective Upon Publication

**A RESOLUTION ADOPTING ASME A18.1-2017 SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS AND AMENDING SECTIONS WITHIN ARTICLE 4 OF THE WICHITA/SEDGWICK COUNTY UNIFIED BUILDING AND TRADE CODE.**

WHEREAS, the Board of County Commissioners of Sedgwick County and the City of Wichita City Council have hereby adopted the Wichita-Sedgwick County Unified Building and Trade Code (“UBTC”) through Resolution No. 175-2012 and Ordinance No. 49-412; 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, the Board of County Commissioners wishes to adopt the ASME A18.1-2017 Safety Standard for Platform Lifts and Stairway Chairlifts with all addendums thereto, published by the American Society of Mechanical Engineers; and

WHEREAS, the Board of County Commissioners wishes to amend Article 4 of the UBTC as identified within this Resolution.

**NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF COUNTY COMMISSIONERS OF SEDGWICK COUNTY, KANSAS, AMENDS ARTICLE 4 OF THE UBTC AS FOLLOWS:**

***SECTION 1.***

***SECTION 4.5.020 – Installation Standards is hereby amended to read as follows:***

- (A) 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 A17.1-2016 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 with the exception of Section 8.11.5.2.

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. The periodic tests of category 3 and 5 shall be made at intervals not longer than five (5) years. 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.

- (B) All existing elevators, dumbwaiters, escalators, moving walks, material lifts and related hoistways installations, 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 A17.3-2015 Safety Code for Existing Elevators and Escalators with all the addendums thereto, published by the American Society of Mechanical Engineers, shall apply except Sections 2.1.2, 2.1.3, 2.3.1, 2.3.3, 2.7.3, 2.7.4, 3.3.5, 3.4.4.1, 3.5.1, 3.5.5, 3.9.2, 3.10.1, 3.10.2 & 4.5.2, which shall have an effective date of January 1, 2019; Sections 2.1.4, 2.2.4, 2.8.2, 3.6.1 & 3.10.4, which shall have an effective date of January 1, 2020; Sections 3.6.2, 3.10.3 & 4.7.2, which shall have an effective date of January 1, 2021; Sections 2.2.2 & 2.6.1, which shall have an effective date of January 1, 2022; Sections 3.4.2, 3.11.3 & 4.3.3, which shall have an effective date of January 1, 2023. 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. 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.
- (C) All handicapped accessibility lifts, inclined stairway chairlifts, inclined and vertical platform lifts, and private residence inclined stairway chairlifts and private residence inclined and vertical platform lifts shall have prior approval and 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 A18.1-2017 Safety Standard for Platform Lifts and Stairway Chairlifts with all addendums thereto, published by the American Society of Mechanical Engineers, shall apply to the design, construction, installation, operation, alteration and repair of handicapped accessibility lifts. All handicapped accessibility lifts, inclined stairway chairlifts, inclined and vertical platform lifts, and private residence inclined stairway chairlifts and private residence inclined and vertical platform lifts and related equipment, shall be subject to the applicable acceptance tests as specified in the currently adopted edition of the ASME A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts. All handicapped accessibility lifts, inclined stairway chairlifts, inclined and vertical platform lifts, except in a private residence, shall be subject to periodic inspections and one (1) year periodic tests as specified in the currently adopted edition of the ASME A18.1 Safety Standard for

Platform Lifts and Stairway Chairlifts. The periodic inspections shall be made at intervals not longer than one (1) year. 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 4.5.190 – Alterations and repairs is hereby amended to read as follows:**

The following alterations and/or repairs require permits from the MABCD:

- (1) Increase 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 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) Change in power supply;
- (10) Replacement of an existing machine or drive by a new driving machine;
- (11) Replacement of an existing governor by a new governor;
- (12) Replacement of an existing controller by a new controller;
- (13) Replacement of an existing driving machine brake by a new brake or braking components;
- (14) Replacement of tanks or anti-creep leveling device;
- (15) Replacement of pump unit, 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 operating devices;
- (21) Addition or alteration of top-of-car, hoistway-door and/or car-door or gate operating devices;
- (22) Addition or alteration of rope equalizers;
- (23) Addition or alteration of auxiliary rope-fastening devices;
- (24) Addition or alteration of car-leveling or truck-zoning devices;
- (25) Addition or alteration of roller guide shoes assemblies;
- (26) Addition or alteration of automatic transfer device;
- (27) Addition, replacement, or alteration of fire service operation;
- (28) Addition, replacement or alteration of ADA compliant devices;
- (29) Replacement of hydraulic cylinder or plunger;
- (30) Replacement, addition or removal of canopy, wall or floor covering;

- (31) Replacement of car operation panel;
- (32) Prior to placing an elevator back in service after it has been red tagged;
- (33) Replacement of escalator step(s);
- (34) Replacement of escalator handrails;
- (35) Replacement of any safety operating switch or device;
- (36) Addition or replacement of elevator operation security devices.

**SECTION 3.**

*The text stating, "SECTION. 4.5.230 and 4.5.240 shall apply within the City of Wichita jurisdiction" is hereby deleted.*

**SECTION 4.**

*SECTION. 4.5.230. - Sprinkler heads in elevator equipment rooms or hoistways is hereby deleted.*

**SECTION 5.**

*SECTION. 4.5.240. - Smoke detectors in hoistways is hereby deleted.*

**SECTION 6.**

*SECTION. 4.5.270 – Emergency Communications for commercial installations is hereby deleted.*

**SECTION 7.**

*SECTION 4.5.290 – Car Enclosures is hereby deleted.*

**SECTION 8.**

*SECTION 4.6.010 – Scope is hereby amended to read as follows:*

This Section applies to private residence type elevators, platform lifts, and stairway chairlifts, installed in commercial buildings and used only by persons with a disability and so installed that they are not accessible to the general public or to occupants of the building.

**SECTION 9.**

**SECTION 4.6.020 – Installation Standards** is hereby amended to read as follows:

All installations of private residence elevators, platform lifts and stairway chairlifts, in commercial structures for use by persons with a disability 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 applicable standards as set forth for elevators and contained in the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators, or ASME A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts, published by the American Society of Mechanical Engineers shall apply to the design, construction, installation, operation, alteration and repair of this type of elevator or lift.

All installations of private residence type elevators, platform lifts, and stairway chairlifts, in commercial buildings shall have prior approval and be in strict conformity with the provisions of this Code and with approved standards of construction for safety to life and property. If sections contained within this Code do not prescribe a specific type or class of material or specific standards of construction, then the applicable standards as set forth in the currently adopted edition of the ASME A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts, or ASME A17.1 Safety Code for Elevators and Escalators, with all addendums thereto, published by the American Society of Mechanical Engineers, shall apply to the design, construction, installation, operation, alteration and repair of this type of elevator or lift.

**SECTION 10.**

**SECTION 4.6.060. – Car Enclosures** is hereby amended to read as follows:

(A) Illumination of cars and lighting fixtures shall be installed and conform with Section 2.14.7 of the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators.

(B) The minimum car enclosure measurements shall be forty-eight (48) inches deep and thirty-six (36) inches wide with a front opening door or a front and rear opening door.

(C) Emergency Stop Switch shall be installed and have an audible signal installed conforming with Section 2.27.1.2 and Section 2.27.1.1.5 of the currently adopted edition of the ASME A17.1 Safety Code for Elevators and Escalators.

**SECTION 11.**

*SECTION. 4.6.070. – Key-operated switches is hereby deleted.*

**SECTION 12.**

*SECTION. 4.6.090. - Emergency communications is hereby deleted.*

**SECTION 13.**

*SECTION. 4.7.090. - Emergency communications is hereby deleted.*

**SECTION 14. PUBLICATION AND EFFECTIVE DATE.**

Upon the adoption of this Resolution, the Clerk of Sedgwick County shall publish this Resolution once in the official County newspaper and it shall become effective upon publication.

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Commissioners present and voting were:


PETER F. MEITZNER	<u>Aye</u>
MICHAEL B. O'DONNELL, II	<u>Aye</u>
DAVID T. DENNIS	<u>Aye</u>
LACEY D. CRUSE	<u>Aye</u>
JAMES M. HOWELL	<u>Aye</u>

Dated this 14 day of January, 2019.

ATTEST:

BOARD OF COUNTY COMMISSIONERS  
OF SEDGWICK COUNTY, KANSAS

*for* Karen S. Ba...  
 KELLY B. ARNOLD  
 City Clerk



[Signature]  
 DAVID T. DENNIS, Chairman  
 Commissioner, Third District

[Signature]  
 PETER F. MEITZNER, Chair Pro Tem  
 Commissioner, First District

APPROVED AS TO FORM:

[Signature]  
 JUSTIN M. WAGGONER  
 Assistant County Counselor

[Signature]  
 MICHAEL B. O'DONNELL, II  
 Commissioner, Second District

[Signature]  
 LACEY D. CRUSE  
 Commissioner, Fourth District

[Signature]  
 JAMES M. HOWELL  
 Commissioner, Fifth District