

Worksheet 1307 TAG - A17.1-2019 and 2022 with Current Amendments

To be completed by Chair											To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota Amend	Minnesota Chapter 1307	A17.1-2019 Description of Change	A17.1-2022 Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments
				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N		
1		1.3	Definitions revised			Definitions of car door interlock, car door or gate electric contact, door or gate electric contact, elevator discharge level, hoistway door electric contact, hoistway door combination mechanical lock and closed detection means, hoistway door interlock, and mechanical lock revised	(1) Definitions of flood elevation; power, emergency or standby; power, main line; power, normal building; power supply, auxiliary; remote interaction operation (RIO); security level rated; test enable device (TED); test enable operation; and test initiating means added (2) Definitions of listed/certified and software system failure revised (3) In definition of dispatching device, elevator automatic, "or" added to subpara. (a) by errata							
2		1.3	Definitions Added			Definitions of door locked detection means, dynamic braking; executable software; Fire Service Access Elevator (FSAE); manual reset; private residence elevator; relocation, escalator or moving walk; restrictor, car door; software-based parameters and/or variables; unique software identifier (USI); and valve, manually (manual) operated added	NA							
3		2.1.1.5	Strength of Hoistway Enclosure.			NA	The building structural supports of the entrance shall be designed to withstand the same horizontal forces as required for Hoistway door panels and retainers							
4		2.1.7	Illumination of Hoistways			NA	Lighting through out hoistways to 5FC at the center of the car top	M	M		*			
5	1307.0067 Subp. 1	2.2.2.4	Design and Construction of Pits		ADDs: An elevator pit drain shall discharge to the sanitary sewer using an indirect connection that precludes the possibility of sewage backup into the pit. If a sump is used, it shall be located outside the pit with a dry pan drain flowing to it. The sump for the elevator pit drain shall not be located in the elevator machine room. (2007)	Drains and sump pumps, where provided, shall comply with the applicable plumbing code, and they shall be provided with a positive means to prevent water, gases, and odors from entering the hoistway.	Drains and sump pumps, where provided, shall comply with the applicable plumbing code, and they shall be provided with a positive means to prevent water, gases, and odors from entering the hoistway.	M	L		*			
6		2.2.2.5	Pit Sump/Drain			Changes from 3000 gal/hr per elevator to per hoistway	NA	M	L		*			
7		2.2.4.2	Pit Ladder			NA	Added requirements retractable pit ladders.	H	L					
8		2.2.4.2.2	Pit Ladder Width			NA	16" width required. Reduction in width due to obstructions has been omitted	M	L					
9		2.2.4.2.5	Ladder side rail clearance			NA	Rungs above floor sill height to be added if there are side rail obstructions	L	L		*			
10		2.2.4.2.7	Ladder electrical device			NA	Detection of a person on the ladder	H	L					
11		2.2.4.2.8	Ladder electrical device			NA	Ladder fully retracted switch	H	L					
12		2.2.9	Flood Detection Means			NA	Addition of Flood protection if required by Building Code (See Also 2.27.13 and 3.27.5 and 8.12)	H	L		*			
13		2.4.2	Minimum Bottom Runby for Counterweighted Elevators			NA	Addition of wording :When new suspension means are provided							
14		2.4.2.2	Runby shall not be less than 6"			NA	Removal of rheostatic and single- speed AC control literature							

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15	1307.0067 Subp. 2	2.5.1.1	Clearances Between Cars, Counterweights, and Hoistway Enclosures		Adds: The distance between the car and the hydraulic piping, hydraulic fittings, electrical piping, electrical boxes, steam or hot water piping where permitted, sprinkler piping, where permitted, or any other item not by elevator design shall not be less than 0.8 inches (20 mm).(2007)	The clearance between the car and the hoistway enclosure shall be not less than 20 mm (0.8 in.), except on the sides used for loading and unloading.	The clearance between the car and the hoistway enclosure shall be not less than 20 mm (0.8 in.), except on the sides used for loading and unloading.	M	L	*				
16	1307.0067 Subp. 3	2.7.3.1.4	Access to Machinery Spaces		Adds: Access to elevator equipment space as referenced in 2.7.3.1.1 and 2.7.3.1.2 shall not be through any toilet room.(2007)	NA	NA	M	L	*				
17		2.7.3.3.2	Clarification Vertical Ladder			Vertical ladders are not permitted for space containing either controllers or generators	NA	M	L	*				
18	1307.0067 Subp. 4	2.7.4.1	Headroom in Machinery Spaces		Adds: Raised surfaces intended as working space surrounding equipment shall have 72 inches clear headroom measured from the working surface.	Elevator machine rooms, control rooms, and machinery spaces containing an elevator driving machine not located in the hoistway shall have a clear headroom of not less than 2 130 mm (84 in.).	Elevator machine rooms, control rooms, and machinery spaces containing an elevator driving machine not located in the hoistway shall have a clear headroom of not less than 2 130 mm (84 in.).	M	L	*				
19		2.7.5.1.2(e)	Sign Wording Change			Changes wording of warning sign for engage device to prevent unexpected vertical car movement.	NA							
20		2.7.5.3	Correction			Reference to section 8.6.11.9 corrected by errata.	NA							
21		2.7.5.3.1	Correction			Reference to section 8.6.11.9 corrected by errata.	NA							
22		2.7.6.3	Location of Equipment			NA	Building Code Flood requirements that could affect location of equipment.	M	L	*				
23		2.7.6.4.1	Display devices			NA	Wording of power supply changed to "auxillary power supply or emergency or standby power"							
24		2.7.6.4.3	A means to move the car			NA	Normal power now reads as normal building power.							
25		2.7.8	Control Spaces			Adds control spaces	NA							
26		2.8.1	Equipment Allowed			NA	Addition of "except as permitted in this Code" literature							
27		2.8.2.4	Added for FAIDs			A means for testing and maintaining fire alarm initiating devices without having to enter the hoistway shall be permitted.	NA	M	L	*				
28		2.8.3.1.4	Added for smoke sampling FAIDs			The means used for air-sampling smoke detection systems shall be permitted to be installed in hoistways, machinery spaces, machine rooms, control spaces, and control rooms.	NA	M	L	*				
29		2.8.3.3	Sprinkler systems in hoistway			NA	Added "or building code wichever is applicable"							
30		2.8.3.3.2	Disconnect mainline power			(d) - Means to automatically disconnect the mainline shall only be provided for elevators that are equipped with Phase I Emergency Recall Operation.	(c) - Wording changed to "main line power"	M	L	*				
31		2.8.3.3.3	Disconnect mainline power			NA	Wording changed to "main line power"							
32		2.8.3.3.4	Clarification			Clarifies position of car sill in relation to the sill at the bottom terminal landing.	NA							
33		2.8.7	Emergency Responder Radio Coverage Equipment			NA	EERC equipment permitted to in Hoistways	M	L	*				
34		2.11.7.2.2	Glass size in door panels			NA	Size of glass not less than 60% of area changed to 50%	L	N	*				

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35		2.11.10.2	Clarification of landing sill illumination			Clarifies that the landing sill must be illuminated to 10 FC not just the corridor.	NA							
36		2.11.11.5.7	Hoistway door panels			The assembled panel(s), including the means for hanging and guiding the panel(s), shall be capable of withstanding a force of 2 500 N (560lbf) with no permanent displacement or deformation.	NA	M	N	*				
37		2.11.11.9	Beams, Walls, Floors, Supports			NA	Deleted and readdressed in 2.1.1.5							
38		2.11.15.1	Labeling of Tested Entrance Assembly.			NA	Deleted "In areas not enforcing the NBCC"							
39		2.11.15.2	Other Entrance Assemblies.			NA	Deleted "In areas not enforcing the NBCC"							
40		2.11.15.3	Entrances Larger Than Tested Assemblies			NA	Deleted "In areas not enforcing the NBCC"							
41		2.11.16	Factory Inspections			NA	Deleted "In areas not enforcing the NBCC"							
42		2.11.17	Transoms and Fixed Side Panels			NA	Deleted "In areas not enforcing the NBCC"							
43		2.11.18	Installation Instructions			NA	Deleted "In areas not enforcing the NBCC"							
44		Section 2.12	Title Revised			Revises title to "closed detection means" instead of electric contacts.	NA							
45		2.12.1.5	Closed detection means			Revised to use term "closed detection means".	NA							
46		2.12.2.4	Interlocks			2.12.2.4 - Revised in it's entirety to clarify requirements for devices used as closed detection means.	2.12.2.4.6 - In subpara. (d)(1), "or" added by errata							
47		2.12.3	Title revision			Title revised to use "closed detection means".	NA							
48		2.12.3.1	Closed detection means			Revised to use term "closed detection means".	NA							
49		2.12.3.4	Closed detection means			Revised to use term "closed detection means".	NA							
50		2.12.3.4.1	Closed detection means			Revised to use term "closed detection means".	NA							
51		2.12.3.4.2	Closed detection means			Revised to use term "closed detection means".	NA							
52		2.12.3.4.4	Closed detection means			Revised to use term "closed detection means".	NA							
53		2.12.3.5	Closed detection means			Revised to use term "closed detection means".	NA							
54		2.12.4	Revised in it's entirety			Revised in entirety to specify design requirements for closed detection devices	NA							
55	1307.0067 Subp. 5	2.12.6.2.5	Hoistway Door Unlocking Devices		ADDS: and all keyways, with the exception of the keyway at the bottom landing and all private residence elevator keyways, shall have keyed plugs installed with the key for those plugs kept in the key box as defined in subpart 9.(2007)	The hoistway door unlocking device keyway and locked panel (see 2.12.6.2.3), if provided, shall be located at a height not greater than 2 100 mm (83 in.) above the landing	The hoistway door unlocking device keyway and locked panel (see 2.12.6.2.3), if provided, shall be located at a height not greater than 2 100 mm (83 in.) above the landing				*			
56	1307.0067 Subp. 6	2.12.7.1.1	Hoistway Access Switches		Amends 2.12.7.1.1 - Hoistway access switches shall be provided when the rate of speed is greater than 30 ft./min. at: A.the lowest landing for access to the pit, when a separate access door is not provided; and B.the top landing for access to the top of the car.(2007)	Hoistway access switches shall be provided when the rated speed is greater than 0.75 m/s (150 ft/min) at (a) the lowest landing when a separate pit access door is not provided (b) the top landing	Hoistway access switches shall be provided when the rated speed is greater than 0.75 m/s (150 ft/min) at (a) the lowest landing when a separate pit access door is not provided (b) the top landing	M	L		*			

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57	1307.0067 Subp. 7	2.12.7.1.2	Hoistway Access Switches		2.12.7.1.2 is deleted in its entirety.(2007)	For elevators with a rated speed of 0.75 m/s (150 ft/min) or less, a hoistway access switch shall be provided at the top landing when the distance from the top of the car to the landing sill exceeds 900 mm (35 in.) when the car platform is level with the landing immediately below the top landing.	For elevators with a rated speed of 0.75 m/s (150 ft/min) or less, a hoistway access switch shall be provided at the top landing when the distance from the top of the car to the landing sill exceeds 900 mm (35 in.) when the car platform is level with the landing immediately below the top landing.	M	L	*				
58		2.12.7.2.1	Reinstates for access switch			Reinstates requirements for access switch marking that was omitted from 2013 to 2016.	NA							
59		2.12.7.2.4	Hoistway access switches			NA	In first sentence and subpara. (a), respectively, "either" and "or" added by errata							
60		2.12.7.3.3	Hoistway Access car speed sensing device			NA	In subpara. (b)(1)(-b), "or" added by errata							
61		2.13.3.4.10	Sign requirements			Requires sign to comply with 8.13.2	NA							
62		2.13.4.2.1	Kinetic Energy			NA	Subparagraph (c) added literature "or the detection of objects in the door path"							
63		2.13.4.2.4	Marking Plates			Door marking plates to comply with 8.13.3.	NA							
64		2.13.5	Reopening Device(s) for Power-Operated Horizontally Sliding Doors and Gates			2.13.5 - Door reopening devices revised in it's entirety(object detection)	2.13.5 - 3rd line and note added - Detection technology used shall comply with this Code and the other codes and standards governing the use of that technology	H	L	*				
65		2.13.5.2	Reopening device rendered inoperative			NA	Subparagraph (a)(2)(-b) duration times revised							
66		2.13.5.3	Detection of Approaching Objects.			NA	Defining size of objects to be detected							
67		2.13.5.3.1	Moving line of detection			NA	Defining the detection zone							
68		2.13.5.4	Detection of Objects in the Door Path.			NA	Defining detection of rectangular prisms in the zone							
69		2.13.5.5	Self-Monitoring of Detection Means			NA	Defining Self-Monitoring of the Detection Means.							
70		2.14.1.2.4	Car enclosure panels			NA	In subpara. (a), "or" added by errata							
71		2.14.1.5.1	Emergency Exit			Revised to include the ability to open the emergency exit from inside the car. (Keyed Group 1)	NA	M	L	*				
72		2.14.1.9.1(c)	Equipment Inside Cars			NA	Emergency responder radio coverage (ERRC) equipment is permitted inside cars	M	L	*				
73		2.14.2.2(g)(4)	Enclosure openings			Revised to include term "closed detection means".	NA							
74		2.14.2.3.3.(b)	Revised in it's entirety, car ventilation.			Revised to be consistent with new definition of auxiliary power supply and emergency or standby power.	NA							
75		2.14.4.2	Title revised, car doors and gates			Title revised to use new term "closed detection means".	NA							
76		2.14.4.2.1	Revised, car doors and gates.			Revised to include new term "Closed detection means".	NA							
77		2.14.4.2.3	Revised, car doors and gates.			Revised to include new term "closed detection means" and moved requirements for contacts to 2.14.4.2.4	NA							
78		2.14.4.2.4	Added for contacts, car doors and gates.			Added for "close detection means" using contacts.	NA							
79		2.14.4.2.5	Added for SIL devices			Added for door "closed detection devices" using SIL devices.	NA							
80		2.14.4.2.6	Redesignated			Was formerly 2.14.4.2.4.	NA							
81		2.14.4.2.7	Redesignated			Was formerly 2.14.4.2.5.	NA							

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82		2.14.4.11(a&c)	Car door/gate closed position			Revises the car door/gate closed position distance for interlocks from .375in. to 1.25in.	NA							
83		2.14.5.7	Clarification			Clarifies that (b) is referring to a car door restrictor.	NA							
84		2.14.5.7.4	Restricted Opening of Car Doors.			NA	"Alternate power source" has redefined as "auxiliary power supply"							
85		2.14.5.7.5	Revises restrictor strength			The means to restrict door opening shall comply with 2.14.5.7.1 when subjected to the following static forces:	NA							
86		2.14.5.7.6	Adds restrictor testing			Each type and make of car door restrictor shall be Engineered tested as follows:	NA	M	L		*			
87		2.14.5.9.2	Glass in Car Doors			NA	Size of glass not less than 60% of area changed to 50%	L	L		*			
88		2.14.7.1.3	Elevator auxiliary lighting			(g) - Revises reference to include all emergency signaling devices.	(d) & (e) - The "power source" redefined as "auxiliary lighting"							
89	1307.0067 Subp. 8	2.14.7.1.4	Illumination and Outlets Required		2.14.7.1.4 is amended to read as follows: Each elevator shall be provided with an electric light that includes an OSHA-recognized guard and a GFCI convenience outlet fixture on both the car top and the bottom of the car. (1950)	Each elevator shall be provided with lighting and a duplex receptacle fixture on the car top.	Each elevator shall be provided with lighting and a duplex receptacle fixture on the car top.				*			
90		2.15.6.4	Wood Used for Platform Floors and Stringers			NA	Updated referenced standards for wood materials including exterior plywood							
91		2.16.3.1	Data Plates			Data and capacity plates must comply with 8.13.1.	NA							
92		2.16.3.2.2(f)	Data plates			Data plates must indicate the percent counterweight overbalance range.	NA	L	L		*			
93		2.16.3.3	Revised entirely.			Data plates shall comply with 8.13.1.	NA							
94		2.16.5.1	Freight elevator sign			For freight elevators permitted to carry passengers (see 2.16.4), a sign shall read, "PASSENGERS ARE PERMITTED TO RIDE THIS ELEVATOR."	NA							
95		2.16.5.2	Sign Compliance			Signs shall conform to 8.13.2, and the letters shall be not less than 13 mm (0.5 in.) high.	NA							
96		2.16.7.5	Revised capacity plate			A special capacity plate complying with 8.13.1 shall be provided inside the elevator car.	NA							
97		2.17.3	Revised table			Title of table changed, removed counterweight safeties.	NA							
98		2.17.12.1	Safety and Stresses of Safety Parts and Rope Connections			NA	Addition of bearings to the reference							
99		2.17.14	First sentence revised for marking plate			A marking plate complying with 8.13.3 shall be securely attached to each safety.	NA							
100		2.17.16	Rail lube marking plate requirements			Rail lubrication marking plate shall conform to 8.13.3	NA							
101		2.18.5.3	Governor rope tag requirements			The rope data tag shall comply with 8.13.3.	NA							
102		2.18.9	Governor marking plate requirements			The rope data tag shall comply with 8.13.3.	NA							
103		2.19.1.1	Ascending Car Overspeed Protection			NA	Subparagraphs (a) added "gear" and (c) revised to add failure of this sheave shaft does not result in ascending car overspeed							
104		2.19.2.1	Unintended car movement protection			The first paragraph describing purpose changed to include word "to". (a) is revised to include gear shaft instead of just gear.	Subparagraph (c) revised to add failure of this sheave shaft does not result in unintended car movement							

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105		2.19.3.2(a)(5)	Emergency brake requirement			Revised to describe how the braking surface shall an integral part of the driving sheave or sheave shaft	NA							
106		2.19.3.2(i)(1)	Emergency brake requirement			Removes the word "only" when describing when the emergency brake is applied.	NA							
107		2.19.3.2(i)(2)	Emergency brake requirement			Changes "during the retardation phase of emergency braking" to "during normal or continuous-pressure operation". Also changes the specified references from "2.24.3.1 and 2.24.3.2" to "2.24.3 except 2.24.3.2".	NA							
108		2.19.3.2(k)	Emergency brake sign.			Emergency brake sign shall comply with 8.13.2.	NA							
109		2.19.3.3	Emergency Brake Marking Plate Requirements			2.19.3.3 - Emergency brake marking plate must comply with 8.13.3.	2.19.3.3 - Modifies which information needs to be included on the marking plate							
110		2.20.2.1	Suspension means data tag			Crosshead suspension means data plate shall comply with 8.13.1.	NA							
111		2.20.2.2.1	Suspension means data tag			Suspension means data tag Fastening. Suspension means must comply with 8.13.3 except letter height shall be not less than 1.5 mm (0.06 in.).	NA							
112		2.20.2.2.2	Suspension means data tag			Specifies data tag shall comply with 8.13.3.	NA							
113		2.20.8	Suspension Means Monitoring and Protection			NA	Revised Broken Suspension Member and Suspension Member Residual Strength detection requirements.							
114		2.20.8.1	Protection against traction loss			Changes reference from "8.6.2.2.1(b)(5)" to "8.6.1.2.2(b)(5)"	NA							
115		2.20.10.9	Auxiliary rope fastening tags			Auxiliary rope fastening device marking tag shall comply with 8.13.1.	NA							
116		2.22.3.1	Buffer spring marking plate			Buffer spring marking plate shall comply with 2.22.3.3.	NA							
117		2.22.3.3	Buffer spring marking plate			Adds buffer plate shall comply with 8.13.3.	NA							
118		2.22.4.8	Compression of Buffers When Car Is Level With Terminal Landings.			NA	Revised reference 2.4.2.1(b)							
119		2.22.4.10	Oil buffer marking plate			Adds "as indicated on the buffer marking plate conforming to 2.22.4.11".	NA							
120		2.22.4.11	Oil buffer marking plate			Changes buffer tag requirement to "a data plate complying with 8.13.1, marked by the manufacturer"	NA							
121		2.22.5.1	Elastomeric Buffer retardation			Deletes subparagraph (C) entirely.	NA							
122		2.24.2.3.5	Percent counterweight overbalance data plate.			Adds paragraph 2.22.2.3.5 to specify counterweight overbalance data plate requirements.	NA							
123		2.24.3	Factor of Safety for Driving Machines, Driving Machine Brakes, Sheaves, and Drums			NA	Addition of Driving machine brakes to this reference							
124		2.24.8.3	Driving Machine Brake			NA	Add Reference 2.24.3 factor of safety for Driving Machine Brake							

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125		2.24.8.5	Brake information plates revised entirely			The brake setting and method of measurement shall be provided on the driving machine on a data plate complying with 8.13.1 or a marking plate complying with 8.13.3 and shall be readily visible after installation.	Revised with additional informational requirements							
126		2.24.8.7	Identification, Classification, and Seals on Driving Machine Brakes			NA	Added: Driving machine brakes : defining Type A or Type B and seal requirements							
127		2.24.9.2.1	Belt set requirements.			The reference to the supplementary Information has changed from "ASME B29.1M" to "ASME B29.1".	NA							
128		2.25.4.1.1	Emergency terminal speed-limiting device			NA	In subpara. (a), "or" added by errata							
129		2.25.4.2.2	Emergency terminal stopping device			NA	In subpara. (b)(1)(-b), "or" added by errata							
130		2.26.1.4.2	Top-of-Car Inspection Operation.			NA	Subparagraph (b) revised the transfer switch shall be permitted to be included in the portable unit.							
131		2.26.1.5	Inspection operation with open door circuits			Last paragraph revised to use new term "closed detection means" and " door locked detection means"	NA							
132		2.26.1.5.1	Inspection Operation With Open Door Circuits.			NA	In subpara. (a), "or" added by errata							
133		2.26.1.5.5	Inspection operation with open door circuits			Revised from "open car door interlocks or car door or gate contacts." to "bypassed car door interlocks or car door or gate closed detection means".	NA							
134		2.26.1.5.6	Inspection operation with open door circuits			Revised from "open hoistway door interlocks or contacts "to" bypassed hoistway door interlocks or bypassed door closed detection means".	NA							
135		2.26.1.5.7	Bypass Switches			Revised to include new term "closed detection means".	NA							
136		2.26.1.5.8	Bypass switches			Revised to include new term "closed detection means".	NA							
137		2.26.1.7	Executable Software			2.26.1.7 - Added in it's entirety for requirements for unique software identifiers.	2.26.1.7.1 (o) through (s) - Added requirements for unique software identifier.	M	L		*			
138		2.26.1.7.2	Executable Software			2.26.1.7 - Added in it's entirety for requirements for unique software identifiers.	2.26.1.7.2 - Added reference to 8.14.1(b)	H	L		*			
139		2.26.2	Electrical Protective Devices			NA	Revised. No changes observed							
140		2.26.2.14	Hoistway door interlocks			Revised to include new term "closed detection means".	NA							
141		2.26.2.15	Car door closed detection means			Revised to include new term "closed detection means".	NA							
142		2.26.2.36	Working platform electrical device			Revised to renumber referenced sections from "2.14.4.2.3(b,c & e)" to "2.14.4.2.4(b,c & e)"	NA							
143		2.26.2.37	Retractable stop electrical device			Revised to renumber referenced sections from "2.14.4.2.3(b,c & e)" to "2.14.4.2.4(b,c & e)"	NA							
144		2.26.2.38	Ladder Electrical Device			NA	Revised: Additional reference 2.2.4.2.8. ladder electrical device							
145		2.26.4.2	Electrical Equipment and Wiring			NA	Revised defining of listed/certified and labeled/marked							

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N		
146		2.26.4.3	Electrical Equipment and Wiring			NA	Revised defining of SIL rating							
147		2.26.4.3.1	Contacts that are positively opened mechanically			NA	Revised: Additional reference: 2.26.2.38 - ladder electrical device							
148		2.26.4.3.2	Table 2.26.4.3.2 revised			Revised rows 18 & 19 in table to use new term "closed detection means".	2.26.2.38 and 2.26.14.1 added Ladder electrical device							
149		2.26.4.4	Added to second paragraph, testing of SIL devices.			Testing shall be performed at a minimum of two frequencies in each of the ranges specified for safety circuits in Tables 1 through 7 of ISO 22200:2009. One frequency shall be within 5% of the low value of each range, and the second frequency shall be within 5% of the top value of each range.	NA							
150		2.26.4.5	Main line power disconnecting means			NA	New wording "main line power" replaces "power supply line"							
151		2.26.5	System to Monitor and Prevent Automatic Operation of the Elevator With Faulty Door Circuits			2.26.5 - Revised in it's entirety	2.26.5 - Revised in it's entirety							
152		2.26.7	Means to Make Electrical Protective Devices Ineffective			NA	Revised: additional requirements.							
153		2.26.9.3.1	Control Circuits: Protection Against Failures			2.26.9.3.1 - Revised in it's entirety. Includes term closed detection means.	2.26.9.3.1(d)&(f) - Subparagraph (d) added test enable operation. Subparagraph (f) added requirements to executable software.							
154		2.26.9.5.1	Control Circuits: Protection Against Failures: driving-machine			NA	In subpara. (a)(1), "or" added by errata							
155		2.26.9.6.1	Control Circuits: Protection Against Failures: Power Source to the AC driving motor.			NA	In subpara. (a)(1), "or" added by errata							
156		2.26.11	Car Platform to Hoistway Door Sills Vertical Distance			2.26.11 - Revised to include ADA/ABAAG	2.26.11 - First sentence revised delete "ANSI /"							
157		2.26.12	Note revised, symbols.			Revised to include ADA/ABAAG	NA							
158		2.26.12.3	Symbols			NA	Note revised: delete "ANSI /"							
159		2.26.13	Remote Interaction Operation			NA	Added : Remote Interaction Operation (RIO) requirements (See also 3.26.1 and 3.26.12 and 8.14.1 (b))	M	L		*			
160		2.26.14	Test Enable Operation			NA	Added: Test Enable Operation requirements.	M	L		*			
161		2.27	Note revised, emergency operation and signaling devices.			Adds "Fire Service Access Elevators (see 2.27.10), and Occupant Evacuation Operation (see 2.27.11).	NA							
162		2.27.1.1	Emergency Communication		(Proposed Amendment in Building Code)	2.27.1.1 - Revised entirely to accommodate other forms of communication for those unable to communicate verbally or are impaired visually.	2.27.1.1.3 - Revised locations of indicators, switches, displays and requirements. 2.27.1.1.4(c) & (g) - Building communications means accessible to emergency personnel.	L	H	Reject	*			
163	1307.0067 Subp. 10	2.27.1.1.3(a)	Emergency Communications		2.27.1.1.3(a) is deleted in its entirety (2007)	In jurisdictions enforcing the NBCC, Nonmandatory Appendix E; in jurisdictions not enforcing the NBCC, ANSI/ ICC A117.1, ADAAG, or ADA/ABAAG.	In jurisdictions enforcing the NBCC, Nonmandatory Appendix E; in jurisdictions not enforcing the NBCC, ANSI/ ICC A117.1, ADAAG, or ADA/ABAAG.	L	L		*			

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164		2.27.2	Emergency or Standby Power			2.27.2.4.1, 2, 5 & 6 - Revises requirements for the emergency power selection switch and indicators.	2.27.2 - Revised in its entirety : Added OEO, Flood Detection requirements							
165		2.27.3	Firefighters' Emergency Operation: Automatic Elevators			NA	Former note revised and incorporated into main text							
166		2.27.3.1.1	Phase I Emergency Recall Operation			NA	Added key-operated switch height requirements							
167		2.27.3.1.2	Additional fire recall switch			Removes "only at the fire command center". Adds "It shall be labeled "FIRE RECALL" and identify the elevator(s) it controls."	NA							
168		2.27.3.1.6	Fire recall switch in the "ON" position			2.27.3.1.6 Introductory and sub paragraphs (a), (h), (j), (k) and (k)(1) Revised. Note added. Revises requirements when the fire recall switch is in the on position	2.27.3.1.6 - First sentence and subparagraph (n)revised. Clarification and word "supply" removed from subparagraph (n).							
169		2.27.3.2.1	Phase I Emergency Recall by Fire Alarm Initiating Devices			NA	1) Subparagraph (c) revised (2) Note (2) added: Defining "FAID" requirements with sprinklers							
170		2.27.3.2.2	Phase I Emergency Recall to the designated level			NA	(1) Subparagraph (c) revised (2) Note (3) added: defining sprinkled hoistways smoke relief equipment							
171		2.27.3.2.3(a)	FAIDS all floors but main			Language changed from "shall cause all elevators that serve that floor" To "shall cause all elevators that serve that lobby".	NA							
172		2.27.3.2.4	Phase 1 alternate floor recall			Phase 1 alternate floor recall	NA							
173		2.27.3.2.5	Editorial revision, fire recall.			Capitalized "FIRE RECALL" changed to "fire recall".	NA							
174		2.27.3.2.6	Phase I Emergency Recall visual signal			NA	Last paragraph added defining illuminating visual signal on reset							
175		2.27.3.3.1	Phase II Emergency In-Car Operation			NA	Subparagraphs (i) adding Flood detection requirements. (n) revised wording "normal building power"							
176		2.27.3.3.2	"FIRE OPERATION" in the "HOLD" position,			NA	Last paragraph revised : Word "supply" removed.							
177		2.27.3.3.4	"FIRE OPERATION" switch "OFF", doors closed position.			NA	Second paragraph revised : Word "supply" removed.							
178		2.27.3.3.5	Phase II Emergency In-Car Operation			NA	Revised wording: removed from Phase II at the "recall level"							
179		2.27.3.3.7	Car fire control panel			Added "The floor selection means [see 2.27.3.3.1(i)] shall be permitted to be located behind the locked cover."	NA							
180		2.27.3.4	Interruption of Power. Fire Fighters Operation			NA	Revised : Wording defining building power. Added door hold requirements, Powered door motion only with open and close buttons							
181		2.27.3.5.1	Editorial revision, fire recall.			Capitalized "FIRE RECALL" changed to "fire recall".	NA							
182		2.27.4.1	Editorial revision, fire recall.			Capitalized "FIRE RECALL" changed to "fire recall". Also eliminates the words "only at the fire command center." for an additional fire recall switch.	NA							
183		2.27.4.2	Phase I Emergency Recall Operation by Fire Alarm Initiating Devices			2.27.4.2(c) - Revised. Capitalized word "FIRE RECALL" Changed to "fire recall"	2.27.4.2(d) - Revised visual signal intermittent illumination.							

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184		2.27.5.3	Editorial revision, fire recall.			Capitalized "FIRE RECALL" changed to "fire recall".	NA								
185		2.27.6	Firefighters' Emergency Operation or Occupant Evacuation Operation: Inspection Operation			2.27.6 - Revised. Capitalized word "FIRE RECALL" Changed to "fire recall"	2.27.6 - Subparagraph (d) revised visual signal intermittent illumination								
186		2.27.7.1	Editorial revision, fire recall.			Capitalized "FIRE RECALL" changed to "fire recall".	NA								
187		2.27.7.4	Deleted, fire operating procedures.			Paragraph 2.27.7.4 deleted in it's entirety.	NA								
188	1307.0067 Subp. 9	2.27.8	Switch Keys		2.27.8 is amended: The key switches required by ASME A17.1/CSA B44-2016 2.27.2 to 2.27.5 for elevators in a building shall be operable by the same key. The keys shall be a Group 3 Security (see section 8.1). There shall be a key for each switch provided. Keys shall be painted or marked red. Also lists requirements for "Fire Dept" box and "Elevator Personnel Only" box (1985)	The key switches required by 2.27.2 through 2.27.5 and 2.27.11 for all elevators in a building shall be operable by the FEO-K1 key. The keys shall be Group 3 Security (see Section 8.1). A separate key shall be provided for each switch. These keys shall be kept on the premises in a location readily accessible to firefighters and emergency personnel, but not where they are available to the public.	The key switches required by 2.27.2 through 2.27.5 and 2.27.11 for all elevators in a building shall be operable by the FEO-K1 key. The keys shall be Group 3 Security (see Section 8.1). A separate key shall be provided for each switch. These keys shall be kept on the premises in a location readily accessible to firefighters and emergency personnel, but not where they are available to the public.	L	L	*					
189		Figure 2.27.9	Revised, "In Case of Fire Sign".			Clarifies the colors of the "Elevator Corridor Call Station Pictograph".	NA								
190		2.27.10	Elevator(s) for Use by Firefighters			2.27.10 - Revised in it's entirety. Requirements for fire service access elevators.	2.27.10 - Introductory paragraph of restrictions and Note added: Redirection of Sprinkler requirements. 2.27.10.1 - Revised Clarity of control signal and Identification for FSA Elevators	M	L	*					
191		2.27.11	Occupant Evacuation Operation			2.27.11 - Revised in it's entirety to clarify "Occupant Evacuation Operation" requirements	2.27.11.2.2 & 2.27.11.6.2 - Word "ANSI/"removed. 2.27.11.6.1 - Note to subpara. (a) revised : Changed example text.	M	L	*					
192		2.27.12	ERRC Equipment inside Cars			NA	Added: Components of emergency responder radio coverage (ERRC) equipment requirements	M	L	*					
193		2.27.13	Flood Detection Operation			NA	Added: Flood Detection Operation requirements (See Also 2.2.9 and 3.27.5 and 8.12)	M	L	*					
194		2.28.1	Information Required on Layout Drawings			2.28.1(k) - Adds "Elevator layout drawings shall, in addition to other data, indicate the following: (k) locations of access panels and protective guards when provided in compliance with 2.8.2.4(b)."	2.28.1(i) revised & (l), (m) and (n) added. Subparagraph (i) revised additional references. Subparagraphs (l), (m), and (n) added for ERRC and Flood elevation	L	L	*					
195		3.7.1	MACHINERY SPACES, MACHINE ROOMS, CONTROL SPACES, AND CONTROL ROOMS, Requirements			3.7.1 - Added title to section "Requirements".	3.7.1 - Note added "Note: added for addition requirements for Flood Detection".								
196		3.12	Title revised, Hydraulic.			Title revised to use "Closed Detection Means" instead of "Electric Contacts".	NA								
197		3.12.2	Revised, car door or gate.			Revised to use the new term "Closed Detection Means".	NA								
198		3.18.4.1	Hydraulic Plunger Stops			NA	Last sentence revised to the correct reference 8.10.3.2.2(z)								
199		3.19.2.5	Revised in it's entirety, jack side pressure measurement.			"Jack-Side Pressure Measurement Means" Allows pressure measurement with a pressure gauge or a pressure sensing means display.	NA								
200		3.19.2.7	Protection of Hydraulic piping located outside the hoistway			NA	In first sentence and subpara. (a), respectively, "either" and "or" added by errata								

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201		3.19.4.1	Revised in it's entirety, shut off valves.			Revises the requirements for shutoff valves and for their location if the pump unit is in the hoistway or outside the hoistway.	NA								
202		3.19.4.4	Revised, manual lowering.			Revised wording for the Manual Lowering valve to include "or a means to manually operate the valve".	NA								
203		3.22.1.2.1	Car Spring Buffers			NA	Revised:spring buffers shall not compress solid under impacted load								
204		3.24.3.3	Means for Checking Liquid Level			NA	Revised: means shall be readily accessible								
205		3.26.1	Operating Devices and Control Equipment			3.26.1(i) - Subparagraph (i) added to define the requirements for executable software for hydraulic elevators.	3.26.1 (f) through (k) - Revised (f) through (k): Executable Software, Remote Interaction Operation requirements added. (See also 2.26.13 and 3.26.12 and 8.14.1 (b))	M	L		*				
206		3.26.3.1.4	Disconnecting means signage			NA	Subparagraph (a) revised : No revisions observed								
207		3.26.4.2	Subparagraphs (C) and (d) revised, electrical protective devices.			Changes wording for "contacts" to "closed detection means".	NA								
208		3.26.8	Revised, pressure sensing devices.			Revises wording from "pressure switch" to "pressure-sensing means".	NA								
209		3.26.10	Auxiliary Power Lowering Operation			NA	Revised wording: "main line power" replaces "main power supply"								
210		3.26.10.1	Auxiliary Power Lowering Operation			NA	First sentence revised wording: "normal building power" replaces "normal power supply"								
211		3.26.11	Added for executable software for hydraulic.			Adds the requirements for "executable software" for hydraulic elevators.	NA								
212		3.26.11.1	Executable Software			NA	Subparagraphs (m) through (r) added: Additional functions required for USI descriptor.								
213		3.26.11.2	Software-based parameters			NA	Second sentence added reference 8.14.1(b) cybersecurity protection								
214		3.26.12	Remote Interaction Operation			NA	Added: Remote Interaction Operation software requirements (See also 2.26.13 and 3.26.1 and 8.14.1 (b))	M	L		*				
215		3.27	EMERGENCY OPERATION AND SIGNALING DEVICES			NA	Revised in its entirety: Redefining and rewording of Firefighters Operation requirements								
216	1307.0067 Subp. 11	3.28.1	Information Required on Layout Drawing		(p) the method used to comply with 3.18.3.8 (protection of cylinders buried in the ground).(2007)	NA	Subparagraph (p) added: flood elevation	M	L		*				
217		4.1.26.7	Operating Devices and Control Equipment			NA	Title revised: Installation of Capacitors or Other Devices "or Means" to Make Electrical Protective Devices Ineffective.								
218		4.2.11.1	SCREW-COLUMN ELEVATORS overspeed protection			NA	In subpara. (a), "or" added by errata								
219		4.2.12	Paragraph deleted			Paragraph deleted and designator reserved for future use.	NA								
220		4.2.15.11	Driving Machine and Screw Column Manual Lowering			NA	Revised wording: "Normal Building Power" replaces "Power"								

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221	1307.0067 Subp. 12	4.3.15	Car Safeties		4.3.15 is amended by adding a sentence to read as follows: All hand-powered elevators shall be equipped with a broken rope safety device. (1950)	Elevators having a rise of more than 4.6 m (15 ft) shall be provided with a car safety, attached to the underside of the car frame, capable of stopping and sustaining the car with rated load.	Elevators having a rise of more than 4.6 m (15 ft) shall be provided with a car safety, attached to the underside of the car frame, capable of stopping and sustaining the car with rated load.	H	L		*			
222		5.1.21.1	INCLINED ELEVATORS Emergency Communications.			NA	Last sentence revised: wording of power sources							
223		5.2.1.4.3	Revised, LULA top of car clearance.			References for the top of car clearance have been revised.	NA							
224		5.2.1.4.4	Revised, LULA top of car clearance.			The references have been revised for the requirements of alternatives to top of car clearances.	NA							
225		5.2.1.4.5	Revised, LULA refuge space.			Revised to remove the wording "refuge space"	NA							
226		5.2.1.16.2(b)	Revised, LULA data plates.			Paragraph b revised to "Data plates shall conform to 2.16.3.2.2 and shall be located as required by 2.16.3.1" to specify location.	NA							
227		5.2.1.20	LULA Suspension Means and Their Connections.			NA	Revised in its entirety: Redefining requirements and references for Suspension means							
228		5.2.1.26	Operating Devices and Control Equipment.			NA	Subparagraph (f) added: Remote interaction operation is prohibited							
229		5.2.2.1.1	Top-of-Car Clearances			NA	Revised in its entirety by errata: revised clarity of references							
230		5.3.1.3	Revised in it's entirety, private residence electric elevator car top clearance.			Car top clearance section for private residence electric elevators revised in it's entirety	NA							
231		5.3.1.5	Revised, private elevator pipes in hoistway			Adds "Only machinery and equipment used directly in connection with the elevator shall be permitted in elevator hoistways."	NA							
232		5.3.1.6	Replaces guarding of suspension means.			Replaces guarding of suspension means and adds Machinery Spaces, Machine Rooms, Control Spaces, and Control Rooms.	NA							
233		5.3.1.7	Redesignates 5.3.1.6, guarding of suspension means			Replaces "Protection of Hoistway Openings" with "Guarding of Suspension Means and Other Equipment".	NA							
234		5.3.1.7.3	Added, remote machine rooms			Added requirements for remote residential elevator machine rooms and guarding of hazards.	NA							
235		5.3.1.8.1	Formerly 5.3.1.7.1 revised, Hoistway Enclosure Provided.			Specifies clearance around hoistway doors	NA							
236		5.3.1.9.1	Formerly 5.3.1.8.1, subparagraph (f) added, car enclosures			Subparagraph f added: Car Top. Where bodily entry onto the top of the car is required for inspection or maintenance, 2.14.1.6.1, 2.14.1.7.1, and 2.14.1.7.2 shall apply.	NA							
237		5.3.1.9.2	Formerly 5.3.1.8.2 subparagraph (a) revised, car doors and gates.			References to other parts of the code are changed.	NA							
238		5.3.1.9.4	PRIVATE RESIDENCE ELEVATOR Light in Car.			NA	Revised: Addition of auxiliary power source for normal car lighting power failure							
239		5.3.1.11.1	PRIVATE RESIDENCE ELEVATOR Capacity			NA	Revised: Defining and restrictions of inside net platform area							

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240		Figure 5.3.1.11.1	PRIVATE RESIDENCE ELEVATOR Capacity			NA	Figure defining and restrictions of inside net platform area							
241		5.3.1.17.2	Formerly 5.3.1.16.2 subparagraphs (a)(8),(b)(1), (b)(3), (j)(2) and (j)(4) revised. Driving machines			Revises requirements for private residential driving machines.	NA							
242		5.3.1.19.2	Control and Operating Circuit Requirements.			NA	5.3.1.19.2.3 deleted by errata: Hoistway door monitor reset required by elevator personnel							
243		5.3.1.19.5	Disconnecting Means.			NA	Revised wording: "main line power" replaces "main power supply"							
244		5.3.1.19.9	Remote Operation Indicator			5.3.1.19.9 - Specifies the requirements for a remote operation indicator if the direct observation of the drive machine is not possible.	5.3.1.19.9 - Last paragraph revised wording: "Normal Building Power" replaces "Normal Building Power Supply"							
245		5.3.1.20.1	Two-Way Communications Means.			NA	Second paragraph revised: Last sentence revised: wording of power sources							
246		5.3.1.20.2	Emergency Signaling Device.			NA	Second paragraph revised: Last sentence revised: wording of power sources							
247		5.3.2.4.4	Anticreep Leveling Device			NA	Revised wording: "main line power" replaces "main power supply"							
248		5.5.1.25	POWER SIDEWALK ELEVATORS			NA	First sentence revised: No changes observed							
249		5.5.1.25.5	Remote Interaction Operation.			NA	Added: Remote interaction operation is prohibited							
250		5.6.1.25	Electric Rooftop Elevators			NA	First sentence revised: No changes observed							
251		5.6.1.25.6	Remote Interaction Operation.			NA	Added: Remote interaction operation is prohibited							
252		5.7.16	SPECIAL PURPOSE PERSONNEL ELEVATOR Buffers			NA	In subpara. (a), "or" added by errata							
253		5.7.19.7	Operating Devices and Control Equipment			NA	Title revised: Installation of Capacitors or Other Devices "or Means" to Make Electrical Protective Devices Ineffective.							
254		5.7.21	Emergency Signal and/or Communication			NA	revised: wording of power sources							
255		5.9	Mine elevators			5.9 - The words operating environment added.	5.9 - First paragraph revised: Addition of Section 4.1. requirements							
256		5.9.2.2	Pits			5.9.2.2 - Guarding of areas around pit in a mine elevator.	5.9.2.2 - Revised: Added Requirements 2.10.2 for standard railing around the pit.	H	L		*			
257		5.9.20	Suspension Ropes and Their Connections			5.9.20 - Changes title from "Suspension Ropes and Their Connections" to "Suspension Means and Their Connections".	5.9.20.2 - Added: Requirements Prohibiting Suspension Means Devices attached to suspension ropes	M	L		*			
258		5.9.26	Operating Devices and Control Equipment			NA	Added: Requirements Prohibiting Suspension Means Devices attached to suspension ropes							
259		5.9.26.3	Remote Interaction Operation			NA	Added: Remote interaction operation is prohibited							
260		5.9.27	Emergency Operations and Signaling Devices			NA	Revised: wording of power sources							
261		5.9.32	Elevators Under Construction or Disassembly			NA	Added: Partially assembled elevators not complying with all the requirements of Section 5.9 shall not be placed in service							
262		5.9.33	Rack-and-Pinion Elevators			NA	Added requirements including: Rack-and-pinion elevators shall comply with Section 4.1							

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263		5.10.1.21.1	ELEVATORS USED FOR CONSTRUCTION Operating Devices and Control Equipment			NA	Revised: Remote interaction operation is prohibited							
264		5.11	Wind turbine tower elevators			Changes referenced code from "ASME A17.8" to "ASME A17.8/CSA B44.8".	NA							
265		6.1.3.3.6(b)	Escalator skirt panels			Changes wording from "Skirt panels shall not deflect more than 1.6 mm (0.0625 in.) under a force of 667 N (150 lbf)." to "The skirt panel design and installation shall not permit deflection of more than 1.6 mm (0.06 in.) under a force of 667 N (150lbf)".	NA							
266		6.1.3.3.6(d)	Escalator skirt panels			Adds (d) to add requirements for "Skirt Deflection Test and Marking/Labeling"	NA							
267		6.1.3.3.11	Escalator Guard at Ceiling Intersection			NA	Last paragraph revised: Added Nonmandatory Appendix I, Figures I-13, and I-14							
268		6.1.3.4.5	Step nose to top of handrail vertical height.			NA	First sentence revised: Max Handrail Height (43 in.) From (39in)	M	L		*			
269		6.1.3.9.1.	Escalator rated load			Changes wording from "the rated load shall be considered to be not less than the following" to "the rated load shall be considered to be the following".	NA							
270		6.1.3.9.2	Escalator drive machine rated load.			Changes wording from "shall be considered to be not less than the following:" to "shall be considered to be the following:".	NA							
271		6.1.3.9.3	Escalator brake rated load			Changes wording from "shall be considered to be not less than the following:" to "shall be considered to be the following:".	NA							
272		6.1.3.10	Escalator design factors of safety			Changes wording from " The factors of safety shall be those stated in 6.1.3.10.1 through 6.1.3.10.4" to "shall comply with those stated in 6.1.3.10.1 through 6.1.3.10.4".	NA							
273		6.1.3.10.2	Escalator design factors of safety			Clarifies that the factors of safety shall not be less then the stated values. Adds "Based on lifting the machinery rated load calculated per 6.1.3.9.2, including all applicable system losses and any other imposed loads"	NA							
274		6.1.3.10.3	Escalator design factors of safety			Clarifies that the factors of safety shall not be less then the stated values. Adds "Based on lifting the machinery rated load calculated per 6.1.3.9.2, including all applicable system losses and any other imposed loads"	NA							
275		6.1.3.10.4	Escalator design factors of safety			Clarifies that the factors of safety shall not be less then the stated values.	NA							
276		6.1.3.12	Escalator headroom			Adds wording to specify the width and length of the headroom requirement , not just the height.	NA							
277		6.1.5.3.1	Escalator Driving-Machine Brake			6.1.5.3.1(a) - Adds an exception to the time delay in the brake application. "There shall be no intentional time delay designed into the application of the brake, except as permitted in 6.1.5.3.4(b)".	6.1.5.3.1(d) & (d)(5)(-a) - Subpara. (d), revised data plate requirements. Subpara. (d)(5)(-a), "or" added by errata.							
278		6.1.5.3.2	Main Driveshaft Braking.			NA	In subpara. (a), "or" added by errata							

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279		6.1.5.3.3	Escalator Driving-Machine Brake			Adds the wording "motor-controlled dynamic braking systems" to the certification requirements for escalator driving machine brakes.	NA							
280		6.1.5.3.4	Added "Escalator Driving-Machine Motor-Controlled Dynamic Braking".			Adds requirements for Escalator Driving-Machine Motor-Controlled Dynamic Braking".	NA							
281		6.1.5.3.5	Auxiliary Brake.			NA	Added: Auxiliary Brake required on Escalators not utilizing dynamic braking with a rise greater than 6.00 m (20 ft)	M	L		*			
282		6.1.6.3.1(a)	Emergency stop buttons			Changes wording to clarify the requirements for emergency stop buttons on escalators.	NA							
283		6.1.6.3.1(c)	Emergency Stop Buttons; Adds wording for dynamic braking			Changes "The operation of either of these buttons shall cause the electric power to be removed" to "The operation of either of these buttons shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
284		6.1.6.3.2	Escalator Speed-Monitoring Device.			NA	Revised: Addition of the auxiliary brake							
285		6.1.6.3.3(a)	Broken Step Chain Device; Adds wording for dynamic braking			Changes "A broken step-chain device shall be provided, which shall cause the electric power to be removed" to "A broken step-chain device shall be provided, which shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
286		6.1.6.3.4	Drive-Chain Device.			NA	Revised: Additional reference 6.1.5.3.5(b)the auxiliary brake applied.							
287		6.1.6.3.6	Escalator Skirt Obstruction Device; Adds wording for dynamic braking			Changes "Means shall be provided to cause the electric power to be removed" to "Means shall be provided to cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
288		6.1.6.3.7	Escalator Egress Obstruction Device; Adds wording for dynamic braking			Changes "shall provide a signal to a device on the escalator that shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
289		6.1.6.3.9	Step Upthrust Device; Adds wording for dynamic braking			Changes "shall cause power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
290		6.1.6.3.11	Step Level Device; Adds wording for dynamic braking			Changes "shall cause power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
291		6.1.6.3.12	Handrail Entry Device; Adds wording for dynamic braking			Changes "shall cause the escalator to stop by removing power from the driving-machine motor and brake" To "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed from the driving-machine motor and brake".	NA							
292		6.1.6.3.13	Comb-Step Impact Devices.			NA	In subpara. (a), "or" added by errata							

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293		6.1.6.3.14	Step lateral Displacement Device; Adds wording for dynamic braking			Changes "shall be provided on curved escalators to cause the opening of the power circuit" to "shall be provided on curved escalators to cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
294		6.1.6.3.16	Dynamic Skirt Panel Obstruction Device; Adds wording for dynamic braking			Changes "shall cause the escalator to stop by removing power from the driving-machine motor and brake" To "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed from the driving-machine motor and brake".	NA							
295		6.1.6.4	Handrail Speed Monitoring Device			6.1.6.4 - Changes "shall cause power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	6.1.6.4 - Last sentence revised: word "shall" replaced "should"							
296		6.1.6.5	Missing Step and Missing Dynamic Skirt Devices; Adds wording for dynamic braking			Changes "shall cause power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
297		6.1.6.6	Tandem Operation; Adds wording for dynamic braking			Changes "shall cause power to be removed" to "shall cause initiation of dynamic braking (6.1.5.3.4) or the electric power to be removed".	NA							
298		6.1.6.8	Escalator Smoke Detectors; Adds wording for dynamic braking			Changes "shall cause the interruption of power" to "shall cause initiation of dynamic braking (6.1.5.3.4) or power to be removed".	NA							
299		6.1.6.10.4(c)	Control and Operating Circuits: Adds wording for dynamic braking			Adds wording "or the dynamic braking (see 6.1.5.3.4) as permitted".	NA							
300		6.1.6.11	Electrically Powered Safety Devices;			Adds "the stopping performance monitoring required by 6.1.5.3.4(d)"	NA							
301		6.1.6.12	Control and Operating Circuits.			NA	Title revised: Installation of Capacitors or Other Devices "or Means" to Make Electrical Protective Devices Ineffective.							
302		6.1.6.13	Completion or Maintenance of a Circuit: Adds dynamic braking.			Changes "These requirements do not apply to speed control switches (see 6.1.6.3.2, 6.1.6.3.8, and 6.1.6.4)" to "These requirements do not apply to speed control switches (see 6.1.6.3.2, 6.1.6.3.8, and 6.1.6.4) or to dynamic braking (6.1.5.3.4)".	NA							
303		6.1.7.4.1	Electrical Equipment and Wiring			NA	Revised wording: "main line power" replaces "power supply line"							
304		6.2.3.1	MOVING WALKS Angle of Inclination.			NA	Revised: Defining the entrance and egress ends reference							
305		6.2.3.2.2	Balustrade Height			NA	Revised: Max Handrail Height (43 in.) From (39in)	M	L		*			
306		6.2.3.3.6	Moving Walk Skirt Panels: Adds paragraph (e)			Adds Skirt Deflection Test and Marking/Labeling requirements.	NA							
307		6.2.3.5.1	Pallet-Type Treadway Slotting			NA	Second sentence revised: Dimension "6.4"mm replaces "6.5"mm							
308		6.2.3.6.2	Belt-Type Treadway Slotting			NA	Last sentence added:(See Nonmandatory Appendix I, Figure I-10.)							

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309		6.2.3.10.1	Rated Load, Structural; Clarification			Changes "shall be considered to be not less than the following" to "shall be considered to be the following".	NA								
310		6.2.3.10.2	Rated Load, Machinery; Clarification			Changes "shall be considered to be not less than the following" to "shall be considered to be the following".	NA								
311		6.2.3.10.3	Rated Load, Brake; Clarification			Changes "shall be considered to be not less than the following" to "shall be considered to be the following".	NA								
312		6.2.3.11	Design Factors of Safety			Revised in it's entirety to clarify requirements for calculating factors of safety in moving walks	NA								
313		6.2.3.15	Headroom			Adds width and depth to the headroom requirements	NA								
314		6.2.5.3.1	Moving Walk Driving-Machine Brakes			6.2.5.3.1(a) - Changes "There shall be no intentional time delay designed into the application of the brake" to "There shall be no intentional time delay designed into the application of the brake, except as permitted in 6.2.5.3.3(b)".	6.2.5.3.1(d) - revised: brake data plate requirements								
315		6.2.5.3.3	Moving Walk Driving-Machine Motor-Controlled Dynamic Braking			Section added in it's entirety to add requirements of dynamic braking.	NA	M	L	*					
316		6.2.6.3.1(a)	Moving Walk Emergency Stop Buttons			Clarifies the location of the emergency stop buttons	NA								
317		6.2.6.3.1(c)	Emergency stop button operation; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA								
318		6.2.6.3.3	Broken Treadway Device; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA								
319		6.2.6.3.6	Moving Walk Egress Restriction Device; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA								
320		6.2.6.3.8	Operating and Safety Devices: Disconnected Motor Safety Device.			6.2.6.3.8 - Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	6.2.6.3.8 - Revised: Required initiation of dynamic braking removed								
321		6.2.6.3.9	Pallet Level Device; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA								
322		6.2.6.3.10	Handrail Entry Device; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA								
323		6.2.6.3.11	Comb-Pallet Impact Devices.			NA	In subpara. (a), "or" added by errata								
324		6.2.6.4	Handrail Speed-Monitoring Device.			6.2.6.4 - Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	6.2.6.4 - Last sentence revised: word "shall" replaced "should"								

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325		6.2.6.5	Missing Pallet Device; Adds wording for dynamic braking			Changes "shall cause the electric power to be removed" to "shall cause initiation of dynamic braking (6.2.5.3.3) or the electric power to be removed".	NA							
326		6.2.6.6	Tandem Operation; Adds wording for dynamic braking			Changes "The electrical interlocks shall stop the moving walk carrying passengers into the common intermediate landing" to "shall cause initiation of dynamic braking (6.2.5.3.3) or power to be removed from the driving-machine motor and brake".	NA							
327		6.2.6.7	Moving Walk Smoke Detectors; Adds wording for dynamic braking			Changes "shall cause the interruption of power" to "shall cause initiation of dynamic braking (6.1.5.3.4) or power to be removed".	NA							
328		6.2.6.10.4(c)	Control and Operating Circuits; Adds wording for dynamic braking			As wording "or the dynamic braking (see 6.2.5.3.3), as permitted".	NA							
329		6.2.6.11	Electrically Powered Safety Devices;			Adds "the stopping performance monitoring required by 6.2.5.3.3(d)".	NA							
330		6.2.6.12	Control and Operating Circuits.			NA	Title revised: Installation of Capacitors or Other Devices "or Means" to Make Electrical Protective Devices Ineffective.							
331		6.2.6.13	Completion or Maintenance of a Circuit; Changes wording for dynamic braking			Changes "These requirements do not apply to electrically assisted braking or speed control switches (see 6.2.6.3.2, 6.2.6.3.7, and 6.2.6.4)" to "These requirements do not apply to speed control switches (see 6.2.6.3.2, 6.2.6.3.7, and 6.2.6.4) or to dynamic braking (6.2.5.3.3)".	NA							
332		6.2.7.4.1	Electrical Equipment and Wiring			NA	Revised wording: "main line power" replaces "power supply line"							
333		Part 7 Scope	Revises			Changes "applies to dumbwaiters and material lifts" to "applies to all power dumbwaiters and material lifts. Hand dumbwaiters are prohibited".	NA	H	N		*			
334		7.1	Revises			Removes hand from title and introductory paragraph	NA							
335		7.1.10	Revises			Removes hand	NA							
336		7.1.11.1.2	Deleted			7.1.11.1.2, 7.1.11.2.2, 7.1.11.3.2 and 7.1.11.12.9 are deleted because they refer to hand powered dumbwaiters which aren't allowed	NA							
337		7.1.12.2	Deleted			Deleted because it referenced hand dumbwaiter. Designator reserved for future use.	NA							
338		7.2	Title and introductory paragraph revised			Changed to remove hand dumbwaiters.	NA							
339		7.2.4.1	ELECTRIC DUMBWAITERS			NA	Revised: added Safety device requirements when only one suspension means is provided	M	L		*			
340		7.2.4.3	Deleted			Deleted and designator reserved for future use	NA							
341	1307.0067 Subp. 13	7.2.4.6	Application of Safeties.		7.2.4.6 is amended by adding a sentence at the end of the section: All hand-powered dumbwaiters shall be equipped with a broken rope safety device.(1972)	The application of safeties shall conform to 2.17.9.1 through 2.17.9.3. The forces providing the stopping action shall conform to 2.17.9.4 or 7.2.4.6.1.	The application of safeties shall conform to 2.17.9.1 through 2.17.9.3. The forces providing the stopping action shall conform to 2.17.9.4 or 7.2.4.6.1.				*			
342		7.2.6.1.1	Suspension Means Power Dumbwaiters			NA	Subparagraph (a) revised: added (see 7.2.4.1). Safety requirements							

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343		7.2.6.1.2	Deleted			Deleted, Hand powered dumbwaiters not allowed	NA							
344		7.2.6.7	Suspension Means			NA	Title revised: Suspension Means Monitoring and Protection.							
345		7.2.8	Buffers and Bumpers			NA	Revised in its entirety: Addition reference requirements for buffers and bumpers							
346		7.2.10.2	Deleted			Deleted, Hand powered dumbwaiters not allowed	NA							
347		7.2.12	Operating Devices and Control Equipment			NA	Revised: Added modification 7.2.12.41. Remote interaction operation is prohibited							
348		7.2.12.41	Operating Devices and Control Equipment			NA	Added: Remote interaction operation is prohibited							
349		7.3.11.3.4	HYDRAULIC DUMBWAITERS Operating Devices and Control Equipment			NA	Subparagraph (a) Revised wording: "main line power" replaces "power supply line"							
350		7.3.11.6	Electrical Equipment and Wiring			NA	Title revised: Installation of Capacitors or Devices or Means to Make Electrical Protective Devices Ineffective.							
351		7.4.3	Material lifts; Construction of Hoistways and Hoistways Enclosures; Introductory Paragraphs revised			References revised and "glass hoistway construction is not permitted" was added	NA							
352		7.4.4	Pits; Clarification			Clarifies the language	NA							
353		7.4.9.3	MATERIAL LIFTS Machinery Spaces in Hoistway			NA	First sentence revised: Removed 2.7.5.1 Redundant							
354		7.4.13.2	Redesignation			Paragraphs 7.4.13.2.4 through 7.4.13.2.11 redesignated as 7.4.13.2.3 through 7.4.13.2.10.	NA							
355		7.5.1.1.7	Car Enclosures; Revised in it's entirety			Adds "for (a) Type A material lifts (b) Type B material lifts where a car top is not provided".	NA							
356		7.5.2.6	ELECTRIC MATERIAL LIFTS Car Frames and Platforms			NA	Second sentence revised; "Type A" in addition to "Type B" material lifts for platform deflection requirements							
357		7.5.6.2	Suspension and Their Connections: Chain Data			NA	Revised: Chain data tag marking requirements "minimum ultimate tensile strength"							
358		7.5.6.6	Suspension and Their Connections: Chain fastening			NA	Revised: wording "minimum ultimate tensile strength" replaces "rated breaking strength"							
359		7.5.8.1	Buffers and Bumpers			NA	Revised wording: "is not in excess of" replaces "does not exceed"							
360		7.5.8.3	Buffers and Bumpers			NA	Elastomeric buffers shall be permitted to be used where the rated speed is not in excess of 1 m/s (200 ft/min).							
361		7.5.10	Revised, Driving Machine and Sheaves			(d) references are changed, (f) is now designated 7.5.10.2 and (f)(1) is (a) and revised to include "except when a car top is provided (see 7.5.1.1.6)".	NA							
362		7.5.12.1.26	Operating Devices and Control Equipment			NA	Remote interaction operation (RIO) is prohibited (see 2.26.13).							
363		7.5.12.2	Operating Devices and Control Equipment			NA	Revised							

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364		7.5.12.2.35	Operating Devices and Control Equipment			NA	Added - RIO is prohibited (see 2.26.13).							
365		7.6.7	Terminal Stopping Devices; Revised in it's entirety			Changed "Terminal stopping devices shall conform to 7.5.11" to "7.6.7.1 - Terminal stopping devices for Type A material lifts shall conform to Section 3.25. & "7.6.7.2 - Terminal stopping devices for Type B material lifts shall conform to 7.5.11.2".	NA							
366		7.6.8.1	Operating Devices and Control Equipment			7.6.8.1 - Adds "(f) Requirement 2.26.2.11 does not apply" clarifying that final limits are not required on hydraulic material lifts.	7.6.8.1(g) - Added "(g) Remote interaction operation is prohibited (see 2.26.13)".							
367		8.1.2	SECURITY Group 1: Restricted			8.1.2(p) & (z) - (p) Requirement 3.19.2.5, access to pressure gauge fittings. (z) Requirements 2.14.1.5.1(c) and 8.4.4.1, top emergency exit cover.	8.1.2(aa) - Flood Detection Operation reset means added to Group 1 access							
368		8.1.3(n)	Group 2 Authorized Personnel Keys; Note added			Added "(n) - Requirement 5.3.1.6.2, controller cabinet door or panel".	NA							
369		8.1.3(o)	Group 2: Authorized Personnel Keys; Note added			Added "(o) - Requirement 5.3.1.6.6, access doors and openings".	NA							
370		8.1.4	Emergency Operation access			NA	Subparagraph (a) revised wording: "standby power selector switch" replaces "standby power access selector switch".							
371		8.3	ENGINEERING TESTS, TYPE TESTS, AND CERTIFICATION			8.3(a)(6) & (b)(7) - (a)(6) revised to include dynamic braking system testing and certification. (b)(7) Added to include engineering tests of skirt panel design as required in 6.1.3.3.6(d) and 6.2.3.3.6(d).	8.3(b)(8) - added:engineering tests of cybersecurity requirements.							
372		8.3.3.1	Type Tests of Interlocks, Combination Mechanical Locks and Electric Contacts, and Door or Gate Electric Contacts; General			Wording revised to replace "electric contacts, and hoistway door and car door or gate electric contacts" with "closed detection means, and hoistway door and car door or gate closed detection means".	NA							
373		8.3.3.3.1	Connections for and Test of Electrical Parts; Revised in it's entirety			Adds requirements for testing of devices that are SIL rated.	NA							
374		8.3.3.3.2	Retesting of Electric Contacts or SIL Rated Devices Previously Tested.			Adds requirements for retesting devices that are SIL rated	NA							
375		8.3.3.4	Required Tests and Procedures; Revised			8.3.3.4.2 and Revised to specify tests in section "8.3.3.4.6 are not required for SIL rated devices meeting the requirements of 2.26.4.3.2 that do not have electrical contact outputs".	NA							
376		8.3.3.4.2	Current Interruption Test; Revised			Clarifies that this test is required for electrical contacts and the electric contact output of a SIL rated device.	NA							
377		8.3.3.4.3	Test Without Lubricant; Revised			Clarifies the continuation of tests for the different devices.	NA							
378		8.3.3.4.6	Insulation Test; Revised			Clarifies the devices that must undergo the insulation test.	NA							

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379		8.3.3.4.10	Examination of Operation; Revised			Changes "engagement of the locking elements before the hoistway door interlock contact closes" to "engagement of the interlock locking elements before the hoistway door interlock contact closes or the SIL rated device detects the locked position".	NA							
380		8.3.3.4.11	Testing of Electrical Contact Bridging Means or SIL Rated Device Detection Means; Revised			Adds "The SIL rated device closed and locked detection means shall be tested to verify conformance with 2.12.2.4.".	NA							
381		8.3.6	Escalator Brake Type Test; Changes title			Changes title to "Escalator Brake and Braking System Type Tests"	NA							
382		8.3.6.1	General; Addition of dynamic braking			Adds "(c) dynamic braking systems, if used, shall be verified to conform to 6.1.5.3.4".	NA							
383		8.3.14	Engineering Tests of Car Door Restrictors; Added			Requirements added for testing of door restrictors.	NA							
384		8.3.15	Skirt Deflection Test; Added			Requirements added for skirt deflection tests.	NA							
385		8.3.16	Engineering Test for Cybersecurity			NA	Added: Engineered Testing requirements for cyber security of internet-connected or connectivity-enabled controllers	M	L		*			
386		8.4	ELEVATOR SEISMIC REQUIREMENTS			8.4(a)(3) - Revises "Design Spectral Response Acceleration for a 0.2 s time period [Sa(0.2)]" to "The product of the acceleration-based site coefficient and the spectral response acceleration for a 0.2s time period [FaSa(0.2)]".	8.4(a)(3) & (a)(4) - (a)(3) revised: NBCC-2005 removed. (a)(4) added and subsequent subparagraphs redesignated to updated building code references	N	N		*			
387		8.4.1.1	Horizontal Car and Counterweight Clearances			NA	Title revised: Between Car and Counterweight and Counterweight Guard.							
388		8.4.1.1.3	Running Clearance			NA	Revised wording: "counterweight guards" replaces "counterweight screen"							
389		8.4.5	Guiding Members and Position Restraints			NA	Revised added: Counterweight frame position restraint requirements	L	L		*			
390		Figure 8.4.5.2.3	Position Retainer Dimension Figure			NA	Added: Position Retainer Dimension Figure reference							
391		8.4.7.1.1	Counterweight Design seismic force			NA	Revised: horizontal seismic force formula requirements							
392		8.4.7.2	Reserved for Future Use			NA	Deleted and designator reserved for future use: Counterweight restraint requirements added to 8.4.5							
393		8.4.8.2.6	Rail Forces: Seismic forces			NA	In subparas. (a)(1)(-a) and (b)(1)(-a), "or" added by errata							
394		8.4.10.1.1	Earthquake Equipment			NA	Subparagraph (i)(6) Revised: wording of power sources							
395		8.4.10.1.3	Elevator Operation, Seismic Detection Device Actuation			NA	Subparagraphs (b)word "or" removed, (d) revised: added [see 2.27.13.3(a)]: Flood detection requirements							
396		8.4.10.1.3	Figure revised			Figure revised	NA							
397		8.4.10.1.4	Elevator Operation, Counterweight Displacement Detection Device Actuation			8.4.10.1.4(c) - Replaces wording "seismic detection device" with "counterweight displacement detection device".	8.4.10.1.4 - Title revised added: "and 2.27.13.3(b)" Flood detection requirement							

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398		8.4.12.2.2	Force Normal to the (y-y) Axis of the Rail			NA	Subparagraph (b) revised formatting for clarity							
399		8.5	ESCALATOR AND MOVING WALK SEISMIC REQUIREMENTS			8.5(a)(3) - Revises "Design Spectral Response Acceleration for a 0.2 s time period [Sa(0.2)]" to "The product of the acceleration-based site coefficient and the spectral response acceleration for a 0.2s time period [FaSa(0.2)]".	8.5(a) & (b) - Subparagraphs (a) and (b) revised: paragraphs redesignated and notes added to updated building code references							
400		8.5.1	Balustrade Construction			NA	Subparagraphs (a) and (b) revised: Seismic force design requirements							
401		8.5.2	Truss Members			NA	Revised in its entirety: Removed IBC/NBCC reference, added reference 6.1.3.9.1							
402		Table 8.5.5	Component-Based Allowable Design Stresses			NA	(1) Seismic Zones Criteria column and Note (1) deleted (2) NBCC column heading revised							
403		8.6.1.1.2	Maintenance, Repair, and Replacement; Notes added			References to "Items" of A17.2 and to the requirements of this Code are indicated in parentheses as a convenient reference to the applicable testing procedures and requirements	NA							
404		8.6.1.1.3	General Requirements			NA	Revised: Added References 8.6.4.24, 8.6.5.19 DLM Required							
405		8.6.1.1.4	Added in it's entirety			The performance of safety devices installed before they were required by the edition of ASME A17.1/CSA B44 in effect in the jurisdiction at the time of installation or alteration shall, as a minimum, comply with the performance requirements in the first edition of ASME A17.1/CSA B44 in which they were required.	NA							
406		8.6.1.2.2	On-Site Documentation			8.6.1.2.2(e) & (f) - (e) USI(s) of the executable software associated with the relevant functions. (f) The documentation for the engineering test of skirt panels deflection for units installed or altered under A17.1-2019 and later editions.	8.6.1.2.2 - Revised: On-Site Documentation requirements	L	L		*			
407		8.6.1.2.3	Added			Where a defective part directly affecting the safety of the operation is identified, the equipment shall be taken out of service until the defective part has been adjusted, repaired, or replaced.	NA							
408		8.6.1.4.1	On-Site Maintenance Records			8.6.1.4.1(b)(3) & (d)(2) - (b)(3) Where applicable, the USI(s) (2.26.1.7.3) and the associated functions in 2.26.1.7.1 or 3.26.11.1 that are affected. (d)(2) a permanent record of verification of conformance with 6.1.3.3.6 or 6.2.3.3.6, as applicable, for a skirt panel or skirt panel supporting components shall be kept with the on-site maintenance records.	8.6.1.4.1 - Subparagraphs (b), (c), and (d) revised requirements							
409		8.6.1.6.1	General Maintenance Methods: Making Safety Devices or Means Inoperative or Ineffective.			NA	Revised wording for clarity							
410		8.6.1.6.3	Controllers and Wiring			NA	(1) Subparagraph (c) revised spelling of hoistway (2) Subparagraph (f) added: test enable operation procedure							

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411		8.6.1.7.2	Periodic Test Record.			NA	Revised: Periodic Test tag requirements								
412		8.6.1.7.3	Making safety device or electrical protective device ineffective			NA	Revised: Added "or means"								
413		8.6.2.3	Repair of Speed Governors			8.6.2.3 - References to 8.6.4.20.2(a)8.6.4.20.2.(b) added	8.6.2.3 - Last sentence: revised test tag requirements								
414		8.6.3.1	Replacement Parts.			NA	Revised: Requirement 8.14.1 for internet-connected or connectivity-enabled controllers								
415		8.6.3.4.4	Pull through test tag			NA	Revised: Pull through test tag conforms to 8.6.4.20.2(c)								
416		8.6.3.10.4	Hydraulic Tank replacement			NA	Revised: Tank replacement shall comply with 3.24								
417		8.6.3.10.5	Anticreep leveling device replacement			NA	Revised: Shall be tested to determine conformance with 8.10.3.4.2.								
418		8.6.3.11	Replacement of Valves, Pressure Piping, and Fittings.			NA	Revised wording, references and testing requirements								
419		8.6.3.12	Runby and Clearances After Suspension Means are Replaced.			NA	Revised in its entirety: defining runby and top of car clearance requirements								
420		8.6.3.16	Replacement of Driving Machine Brake.			NA	New Added: Replacement of Driving Machine Brake requirements	M	L		*				
421		8.6.3.17	Replacement of Driving Machine or Controller			NA	New Added: Replacement of Driving Machine or Controller	M	L		*				
422		8.6.4.2.2	Governor Wire Ropes; Revised			Changed "or the lubricant removed, and the governor and safety shall be tested as specified in 8.6.4.19.2(b)" to "and the governor and safety shall be tested as specified in 8.6.4.19.2(b) and 8.6.4.20.2(b)".	NA								
423		8.6.4.6.1	Driving-machine brake			NA	Driving-machine brake								
424		8.6.4.6.2	Maintenance and Testing of Electric Elevators Driving-machine brake changed or adjusted			NA	Revised: additional references and test requirements for replacements and adjustments								
425		8.6.4.6.3	Emergency brake changed or adjusted			NA	Last sentence added: Test requirement 8.6.4.20.11								
426		8.6.4.6.4	Contaminated driving-machine brake			NA	New Added: Contaminated driving-machine brake requirements	M	L		*				
427		8.6.4.6.5	Contaminated Emergency Brake			NA	New Added: Contaminated emergency brake requirements	M	L		*				
428		8.6.4.11	Runby			NA	Revised in its entirety: Car and counterweight runbys and car top clearances defined								
429		8.6.4.13.1	Door Systems General			NA	Subparagraph (l) revised wording "auxiliary power supply" replaces "alternate power source"								
430		8.6.4.19.2(b)(1)	Safeties, Tests			Clarify condition of governor and safety switches during tests.	NA								
431		8.6.4.19.7	Emergency or Standby Power Operation.			NA	Revised wording: "Emergency or Standby Power Operation" replaces "Standby or Emergency Power Operation"								
432		8.6.4.19.8	Power Operation of the Door System; Revised			Removed last sentence "Where a data plate conforming to 2.13.4.2.4 is not required, see Nonmandatory Appendix Z".	NA								
433		8.6.4.19.18	Door Reopening Device(s); Added			Added "The detection means of the door reopening device(s) shall be examined and tested to verify proper operation".	NA								

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434		8.6.4.19.19	Sequence Operation of Power Door Systems; Added			Added "Ensure that sequence operation, where provided, is functioning according to Code requirements in Section 2.13".	NA							
435		8.6.4.19.20	Testing of Alternative Arrangements and ASME A17.7/CSA B44.7-Conforming Equipment; Added			A17.7/CSA B44.7 Code Compliance Document (CCD), tests shall be performed (a) on equipment applied under alternative arrangements [see 8.6.1.2.2(b)(3)] (b) on equipment specified in an ASME A17.7/CSA B44.7 CCD [see 8.6.1.2.2(b)(4)]	NA							
436		8.6.4.19.21	System to Monitor and Prevent Automatic Operation of the Elevator With Faulty Door Circuits			NA	Added: provide a written test procedure as part of the on-site documentation	L	N		*			
437		8.6.4.20.1(a)	Car and Counterweight Safeties. Rated Load and Rated Speed Test; Revised			Clarifies the condition of the governor and safety switches when testing car and counterweight safeties. Also states, that the emergency brake shall be disabled to prevent it from operating during this test.	NA							
438		8.6.4.20.1(b)(2)	Rated Load and Rated Speed Test; Revised			Changed "A test tag as required in 8.6.1.7.2 shall be provided" to "The "Periodic Test Record" shall be completed and installed as required by 8.6.1.7.2"	NA							
439		8.6.4.20.2	Governors			NA	Subparagraph (c) revised: Requirements for test tags							
440		8.6.4.20.3	Oil Buffers			NA	1) Subparagraph (g) revised: Periodic test record required 8.6.1.7.2 2) In subparas. (a)(1) and (a)(1)(-a), "or" added by errata							
441		8.6.4.20.4	Driving-Machine Brake(s).			NA	Third paragraph and subpara: added Seal reference requirements. (b)(2) revised: periodic test record required 8.6.1.7.2							
442		8.6.4.20.10	Braking System, Traction, and Traction Limits.			NA	Subparagraph (b)(2) revised: periodic test record required 8.6.1.7.2							
443		8.6.4.20.11	Alternative Test Methods for Emergency Brakes.			NA	Subparagraph (c) added: alternative test method requirements(Subject to JHA approval 8.6.11.10)	M	L		*			
444		8.6.4.23	Executable Software Verification			8.6.4.23 - Where executable software for functions listed in 2.26.1.7.1 or 3.26.11.1 has changed as the result of repair or replacement, requiring a new USI, the related safety function(s) shall be tested on-site for the applicable installation and logged in the repair and replacement record.	8.6.4.23 - Revised : reference requirements							
445		8.6.4.24	Passenger and Freight Elevators with Faulty Door Contact Circuits.			NA	Added: All automatic passenger and freight elevators shall comply with 2.26.5. (DLM)	H	M		*			
446	1307.0047 Subp. 9	8.6.5.8	Bulkhead: Material Transfer Device		Elevators shall not be converted to a material transfer device (vertical reciprocating conveyor) without meeting the requirements of ASME A17.1/CSA B44-2016 8.6.5.8, Safety Bulkhead. (2007)	Hydraulic cylinders installed below ground shall conform to 3.18.3.4 which states cylinders buried in the ground shall be provided with a safety bulkhead.	Hydraulic cylinders installed below ground shall conform to 3.18.3.4 which states cylinders buried in the ground shall be provided with a safety bulkhead.	H	M		*			

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447		8.6.5.14.3	Hydraulic Elevators: Cat1 Additional Tests.			8.6.5.14.3(g) & (j) - (g) Sequence operation of power door systems. (j) Auxiliary Power Lowering Device. The auxiliary power lowering device, where provided, shall be tested with no load in the car for conformance with applicable requirements (3.26.10)	8.6.5.14.3(g), (j), (k) and (l) - Former subpara. (g) deleted and subsequent subparagraphs redesignated. Subparagraphs (j), (k), and (l) added.							
448		8.6.5.14.6	Power Operation of Door System: Revised			Removes "Where a data plate conforming to 2.13.4.2.4 is not required, see Nonmandatory Appendix Z".	NA							
449		8.6.5.14.9	Testing of Alternative Arrangements and ASME A17.7/CSA B44.7-Conforming Equipment; Added			As required by the manufacturer and/or an ASME A17.7/ CSA B44.7 CCD, tests shall be performed (a) on equipment applied under alternative arrangements [see 8.6.1.2.2(b)(3)] (b) on equipment specified in an ASME A17.7/CSA B44.7 CCD [see 8.6.1.2.2(b)(4)]	NA							
450		8.6.5.14.10	Functional Safety of SIL Rated Device(s); Added			Verify that the SIL rated device(s) used to satisfy 2.26.4.3.2 and 2.26.9.3.2(b) is as identified on wiring diagrams (8.6.1.6.3) with part identification, SIL, and certification identification information	NA							
451		8.6.5.14.11	Cat1 Test Plunger Gripper			NA	Added: Plunger gripper test requirements (Cat1)	M	L		*			
452		8.6.5.14.12	Cat1 Test Faulty Door Circuits.			NA	Added: faulty door circuits test requirements (Cat1)	M	L		*			
453		8.6.5.16.4	Plunger Gripper; Revised			Added "The periodic test record shall be completed. The person or firm installing or maintaining the equipment shall provide a written procedure in the on-site documentation [see 8.6.1.2.2(b)(1)] and demonstrate that the plunger gripper shall function as required by 3.17.3.	NA							
454		8.6.5.17	Cat5 Plunger Gripper			NA	Title revised: Plunger Gripper Maintenance							
455		8.6.5.18	Cat5 Executable Software Verification.			NA	Added: Testing and logging of changed Executable Software as the result of repair or replacement							
456		8.6.5.19	Cat5 Faulty Door Contact Circuits.			NA	Added: Faulty Door Contact Circuits requirements							
457		8.6.6.1.1	Rack-and-Pinion Elevator Periodic Test; Revised			Removes specified references 8.6.5.14 through 8.6.5.16.	NA							
458		8.6.7.9.6	Mine Elevator Compensating Means; Added			Mine elevator compensating chains shall be replaced when any portion of the link diameter is less than 80% of the original link diameter.	NA							
459		8.6.7.9.7	Mine Elevator Pits.			NA	Added: Rack-and-Pinion Elevator Pit maintenance requirements							
460		8.6.7.9.8	Rack-and-Pinion Mine Elevator			NA	Added: Rack and Pinion Criteria for removal from service							
461		8.6.8	Maintenance and Testing of Escalators and Moving Walks; Revised			Adds "The periodic testing of escalators and moving walks shall conform to 8.6.8.15, where applicable".	NA							
462		8.6.8.3.3	Step/Skirt Performance Index; Revised			Corrects the reference requirement to 6.1.3.3.10	NA							

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463		8.6.8.5(a)	Escalator Skirt Panels and Skirt Obstruction Devices; Revised			Added "If the unit was installed or altered under ASME A17.1a-1982 or later editions, then verification that the replacement or repair conforms to 6.1.3.3.6 shall be documented in the on-site maintenance records [see 8.6.1.4.1(d)]"	NA							
464		8.6.8.15	Periodic Test Requirements — Category 1; Title changed			Changes title to; "Periodic Test Requirements for Escalators and Moving Walks — Category 1"	NA							
465		8.6.8.15.4	Moving Walk, Drive Machine and Brake			8.6.8.15.4 - Revised in it's entirety to account for dynamic braking.	8.6.8.15.4(b) & (c) - Subparagraph (b) revised. (c) added Redefined Drive Machine and Brake test requirements.							
466		8.6.8.15.24	Skirt Obstruction Devices.			NA	Former 8.6.8.15.25 redesignated							
467		8.6.8.15.25	Skirt Obstruction Devices			8.6.8.15.25 - Added "All skirt obstruction devices shall be tested for conformance with 6.1.5.3.1 and 6.1.6.3.6."	8.6.8.15.25 - Former 8.6.8.15.26 redesignated							
468		8.6.8.15.26	Testing of Alternative Arrangements and ASME A17.7/CSA B44.7—Conforming Equipment; Added			Added "A17.7/CSA B44.7 CCD, tests shall be performed (a) on equipment applied under alternative arrangements [see 8.6.1.2.2(b)(3)] (b) on equipment specified in an ASME A17.7/CSA B44.7 CCD [see 8.6.1.2.2(b)(4)]".	NA							
469		8.6.8.16	Maintenance of Seismic Devices.			NA	Former 8.6.8.15.24 redesignated							
470		8.6.9	Maintenance of Moving Walks; Introductory paragraph revised			Added "The periodic testing of moving walks shall conform to 8.6.8.15, where applicable."	NA							
471		8.6.9.14	Skirt Panels; Added			Added "Damaged skirt panels shall be replaced or repaired, and the installation shall conform to 8.6.9.13."	NA							
472		8.6.10.1.1	Material Lifts and Dumbwaiters Without Automatic Transfer Devices, Periodic Test; Revised			Reference to 8.6.4.20 added. Note added "Recommended intervals for periodic inspections and tests can be found in Nonmandatory Appendix N."	NA							
473		8.6.11.1	Firefighters' Emergency Operation; revised			Changed "Deficiencies shall be corrected" to "Deficiencies shall be reported to, and corrected by, elevator personnel" Also note added; "NOTE: See Nonmandatory Appendix AA for additional operational verification".	NA							
474		8.6.11.4.2	Special Provisions: Dumbwaiters and Material Lifts			NA	Added: Cleaning Car and Hoistway Transparent Enclosure Instructions shall include directions for authorized personnel to remove power from the elevator							
475		8.6.11.10.1	Cat5 Electric Elevators			NA	Added Subparagraph(e) testing of emergency brakes per 8.6.4.20.11							
476		8.6.11.10.3	Alternative Test Method Procedure.			NA	Subparagraph (c) revised wording for the test method							
477		8.6.11.10.4	Alternative Test Method Report.			NA	Subparagraphs (c)"requirements"replaces "requirement" and (d) revised wording							
478		8.6.11.16	Remote Interaction Operation.			NA	Added: Required documentation for changes to secure access to floor(s)	L	L		*			
479		8.7.1.4	Alterations, Welding; Revised			Wording revised for clarification of the meaning.	NA							

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480		8.7.1.8	ALTERATIONS GENERAL: Code Data Plate			NA	Revised : reference requirements							
481		8.7.1.10	Executable Software Verification and Witness Test; Added			Added "Where executable software for functions listed in 2.26.1.7.1 or 3.26.11.1 is changed as part of an alteration, the software changed shall have a new USI that shall be logged in the on-site documentation [8.6.1.2.2(e)]".	NA							
482		8.7.1.11	Seismic Requirements			NA	Added: Alterations; when to apply elevator seismic requirements to existing units							
483		8.7.1.12	Internet-connected or connectivity-enabled controllers			NA	Added: Requirements for internet-connected or connectivity-enabled controllers (8.14.1 Cyber Security)	M	L		*			
484		8.7.2.1.1	ALTERATIONS ELECTRIC ELEVATOR: Hoistway Enclosure Walls.			NA	Subparagraph (i) Addition of seismic requirements							
485		8.7.2.1.2	Addition Elevator to an Existing Hoistway.			NA	Revised: Addition of seismic reference requirements							
486		8.7.2.1.3	Construction at the Top of the Hoistway.			NA	Revised: Addition of seismic reference requirements							
487		8.7.2.1.4	Construction at the Bottom of the Hoistway.			NA	Revised: Addition of seismic reference requirements							
488		8.7.2.2	Pits; Introductory paragraph added			Added "For inspection and test requirements, see 8.10.2.3.2(x)".	NA							
489		8.7.2.2.1	Pit Alteration			NA	Revised: Addition of seismic reference requirements							
490		8.7.2.3	Location and Guarding of Counterweights; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(b)".	NA							
491		8.7.2.4	Vertical Car and Counterweight Clearances and Runbys; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(y)".	NA							
492		8.7.2.5	Horizontal Car and Counterweight Clearances			8.7.2.5 - Added "For inspection and test requirements, see 8.10.2.3.2(z)".	8.7.2.5 - Revised: Addition of seismic reference requirements							
493		8.7.2.6	Protection of Spaces Below Hoistways; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(aa)".	NA							
494		8.7.2.7	Machinery Spaces, Machine Rooms, Control Spaces, and Control Rooms; Introductory paragraph added			Added "For inspection and test requirements, see 8.10.2.3.2(bb)".	NA							
495		8.7.2.8	Electrical Equipment, Wiring, Pipes, and Ducts in Hoistways and Machine Rooms; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(cc)".	NA							

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N		
496		8.7.2.10.1	Entrances and Hoistway Openings, General Requirements; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(o)".	NA							
497		8.7.2.10.2	Horizontal Slide-Type Entrances; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(o)".	NA							
498		8.7.2.10.3	Vertical Slide-Type Entrances; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(o)".	NA							
499		8.7.2.10.4	Swing-Type Entrances; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(o)".	NA							
500		8.7.2.11	Hoistway Door Locking Devices, Access Switches, and Parking Devices; Introductory paragraph added			Added "For inspection and test requirements, see 8.10.2.3.2(dd)".	NA							
501		8.7.2.11.5	Restricted Opening of Car Doors; Revised			Removes the words "hoistway doors" from the title and content.	NA							
502		8.7.2.12	Power Operation of Hoistway Doors; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(a)".	NA							
503		8.7.2.13	Door Reopening Device; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(ee)".	NA							
504		8.7.2.14	Car Enclosures, Car Doors and Gates, and Car Illumination; Introductory paragraph added			Added paragraph "For inspection and test requirements, see 8.10.2.3.2(ff)".	NA							
505		8.7.2.14.1	Car Enclosures, Car Doors and Gates			NA	Revised: platform guard (apron), Seismic reference requirements	L	L		*			
506		8.7.2.14.2	Car enclosures			NA	Revised: Addition of seismic reference requirements							
507		8.7.2.14.5	Addition of Car Top Railing; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(rr)".	NA							
508		8.7.2.15.1	Alterations to Car Frames and Platforms			8.7.2.15.1 - Added "For inspection and test requirements, see 8.10.2.3.2(qq)".	8.7.2.15.1 - Revised: Addition of seismic reference requirements							
509		8.7.2.15.2	Increase or Decrease in Deadweight of the Car			8.7.2.15.2 - Added "For inspection and test requirements, see 8.10.2.3.2(d)".	8.7.2.15.2 - Revised: Addition of seismic reference requirements							
510		8.7.2.16	Capacity, Loading, and Classification			8.7.2.16.1 through 8.7.2.16.4 - For inspection and test requirements	8.7.2.16 - Revised in its entirety. Addition of seismic reference requirements							
511		8.7.2.17.1	Change in Rise or Rated Speed; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(n)".	NA							
512		8.7.2.17.2	Increase in Rated Speed			8.7.2.17.2 - Added "For inspection and test requirements, see 8.10.2.3.2(j)".	8.7.2.17.2(b)(12) - Subparagraph (b)(12) added: car platform guard requirements							
513		8.7.2.18	Car and Counterweight Safeties; Introductory paragraph added			Added "For inspection and test requirements, see 8.10.2.3.2(e)".	NA							
514		8.7.2.19	Speed Governors and Governor Ropes; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(f)".	NA							
515		8.7.2.20	Ascending Car Overspeed and Unintended Car Movement Protection			8.7.2.20 - Added "For inspection and test requirements, see 8.10.2.3.2(gg)".	8.7.2.20 - Revised: Reference requirements and Car platform apron requirements							
516		8.7.2.21	Suspension Means and Their Connections			8.7.2.21 - Added "For inspection and test requirements, see 8.10.2.3.2(hh)".	8.7.2.21 - Revised: Addition of seismic reference requirements							
517		8.7.2.22	Counterweights			8.7.2.22 - Added "For inspection and test requirements, see 8.10.2.3.2(ii)".	8.7.2.22 - Revised in its entirety: Addition of seismic reference requirements							

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N			
518		8.7.2.23	Car and Counterweight Buffers and Bumpers; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(c)".	NA								
519		8.7.2.24	Guide Rails, Supports, and Fastenings			8.7.2.24 - Added "For inspection and test requirements, see 8.10.2.3.2(b)".	8.7.2.24 - Revised: Addition of seismic reference requirements								
520		8.7.2.25	Driving Machines and Sheaves			NA	Revised: platform guard (apron), Seismic reference requirements								
521		8.7.2.25.1(a)	Alterations to Driving Machines and Sheaves; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(r)".	NA								
522		8.7.2.25.1(b)	Alterations to Driving Machines and Sheaves; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(v) and, if the driving-machine brake is altered, 8.10.2.3.2(h)".	NA								
523		8.7.2.25.1(c)	Alterations to Driving Machines and Sheaves; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(w)".	NA								
524		8.7.2.25.2	Change in Location of the Driving Machine; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(i)".	NA								
525		8.7.2.26	Terminal Stopping Devices; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(k)".	NA								
526		8.7.2.27.1	Operating Devices and Control Equipment, Inspection Operation and Inspection Operation With Open Door Circuits; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(jj)".	NA								
527		8.7.2.27.2	Car-Leveling or Truck-Zoning Devices; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(kk)".	NA								
528		8.7.2.27.3	Change in Power Supply; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(ll)".	NA								
529		8.7.2.27.4	Controllers			8.7.2.27.4 - Revised and added "For inspection and test requirements, see 8.10.2.3.2(s)".	8.7.2.27.4 - In subpara. (c)(7)(-a), "or" added by errata.								
530		8.7.2.27.5	Change in Type of Motion Control			8.7.2.27.5 - Added "For inspection and test requirements, see 8.10.2.3.2(t)".	8.7.2.27.5 - Added Subparagraphs (o)seismic requirements (p)platform guard (apron). Last paragraph revised: Add seismic test reference.								
531		8.7.2.27.6	Change in Type of Operation Control			8.7.2.27.6 - Added "For inspection and test requirements, see 8.10.2.3.2(t)".	8.7.2.27.6 - Added Subparagraphs (q)seismic requirements, (r) platform guard (apron). Last paragraph revised: Add seismic test reference								
532		8.7.2.27.7	In-Car Stop Switch; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(mm)".	NA								
533		8.7.2.27.8	Electrical Protective Devices; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(nn)".	NA								
534		8.7.2.27.9	Door Monitoring System; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(oo)".	NA								
535		8.7.2.27.10	Remote Interaction Operation			N	Added: RIO requirements	L	L		*				
536		8.7.2.28	Emergency Operations and Signaling Devices			8.7.2.28 - Revised to add inspection and test requirements	8.7.2.28 - Subparagraphs (b): Rewording. (e) revised: seismic reference requirements								
537		8.7.3.2.1	Alterations to Hydraulic Elevators, Pits; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(u)".	NA								
538		8.7.3.3	Hydraulic Elevators, Location and Guarding of Counterweights			8.7.3.3 - Added "For inspection and test requirements, see 8.10.3.3.2(b)".	8.7.3.3 - Revised: Addition of seismic reference requirements								

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539		8.7.3.4	Vertical Car and Counterweight Clearances and Runbys; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(v)".	NA							
540		8.7.3.5	Horizontal Car and Counterweight Clearances; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(w)".	NA							
541		8.7.3.6	Protection of Spaces Below Hoistways; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(x)".	NA							
542		8.7.3.7	Machine Rooms, Machinery Spaces, Control Spaces, and Control Rooms; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(y)".	NA							
543		8.7.3.8	Electrical Wiring, Pipes, and Ducts in Hoistways and Machine Rooms; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(z)".	NA							
544		8.7.3.10	Hoistway Entrances and Openings; Revised			Added "For inspection and test requirements, see 8.10.2.3.2(o)".	NA							
545		8.7.3.11	Hoistway Door Locking Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(aa)".	NA							
546		8.7.3.12	Power Operation of Hoistway Doors; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(a)".	NA							
547		8.7.3.13.1	Car Enclosures and Door Reopening Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(cc)".	NA							
548		8.7.3.13.2	Car Enclosures and Door Reopening Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(bb)".	NA							
549		8.7.3.14	Car Frames and Platforms			8.7.3.14 - Added "For inspection and test requirements, see 8.10.3.3.2(dd)".	8.7.3.14 - Revised: Addition of seismic reference requirements							
550		8.7.3.15.1	Safeties; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(e)".	NA							
551		8.7.3.15.2	Safeties; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(e)".	NA							
552		8.7.3.15.3	Safeties; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(e)".	NA							
553		8.7.3.16	Governors and Governor Ropes; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(f)".	NA							
554		8.7.3.17	Change in Type of Service; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA							
555		8.7.3.17(f)	Change in Type of Service; Revised			Added "[as modified by 8.7.3.31.8(a) through 8.7.3.31.8(f)]".	NA							
556		8.7.3.18	Change in Class of Loading; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA							
557		8.7.3.19	Carrying of Passengers on Freight Elevators; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA							
558		8.7.3.20	Increase in Rated Load; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(g)".	NA							
559		8.7.3.21	Increase in the Deadweight of the Car; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(d)".	NA							

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N			
560		8.7.3.22.1	Increase or Decrease in Rise; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA								
561		8.7.3.22.2	Increase in Rated Speed; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA								
562		8.7.3.22.3	Decrease in Rated Speed; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(j)".	NA								
563		8.7.3.23	Hydraulic Equipment			8.7.3.23.1 through 8.7.3.23.7 - Added inspection and test requirements.	8.7.3.23 - Revised: Addition of seismic reference and test requirements								
564		8.7.3.24	Valves, Pressure Piping, and Fittings			8.7.3.24 - "For inspection and test requirements, see 8.10.3.3.2(o)".	8.7.3.24 - Revised: Addition of seismic reference requirements								
565		8.7.3.25	Suspension Ropes and Their Connections			8.7.3.25.1 - Added "For inspection and test requirements, see 8.10.3.3.2(ee)".	8.7.3.25 - Revised: Addition of seismic reference and test requirements								
566		8.7.3.26	Counterweights			8.7.3.26 - Added "For inspection and test requirements, see 8.10.3.3.2(ff)".	8.7.3.26 - Revised: Addition of seismic reference requirements								
567		8.7.3.27	Car Buffers and Bumpers; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(c)".	NA								
568		8.7.3.28	Guide Rails, Supports, and Fastenings; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(b)".	NA								
569		8.7.3.30	Terminal Stopping Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(k)".	NA								
570		8.7.3.31.1	Top-of-Car Operating Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(gg)".	NA								
571		8.7.3.31.2	Car-Leveling or Truck-Zoning Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(hh)".	NA								
572		8.7.3.31.3	Anticreep Leveling Device; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(ii)".	NA								
573		8.7.3.31.4	Change in Power Supply; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(jj)".	NA								
574		8.7.3.31.5	Controllers			Update the references for Emergency Operations and signaling requirements (Sections 2.27 and 3.27) for an alteration. Added "For inspection and test requirements, see 8.10.3.3.2(s)".	(1) First sentence and subpara.: revised wording and references (f) added: seismic reference requirements (2) In subpara. (c)(6)(-a), "or" added by errata(3) Subparagraph (e) revised wording for power supply								
575		8.7.3.31.6	Change in Type of Motion Control			Added to (m) "for elevators in the same group" and added "For inspection and test requirements, see 8.10.3.3.2(r)".	Subparagraph (n) added: Seismic reference and test requirements								
576		8.7.3.31.7	Change in Type of Operation Control; Revised			Added to (n) "for elevators in the same group" and added "For inspection and test requirements, see 8.10.3.3.2(p)".	Subparagraph (o) added: Seismic reference and test requirements								
577		8.7.3.31.8	Emergency Operation and Signaling Devices			Revised - Added inspection and test requirements	Revised: wording and Seismic reference and test requirements								
578		8.7.3.31.9	Auxiliary Power Lowering Operation; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(oo)".	NA								
579		8.7.3.31.10	In-Car Stop Switch; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(kk)".	NA								
580		8.7.3.31.11	Electrical Protective Devices; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(ll)".	NA								
581		8.7.3.31.12	Change of Hydraulic Pump Motor Starter; Revised			Added "For inspection and test requirements, see 8.10.3.3.2(pp)".	NA								

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N		
582		8.7.3.31.13	Door Monitoring System; Added			Where there is an alteration to or addition of a system to monitor and prevent automatic operation of the elevator with faulty door contact circuits on power-operated car doors that are mechanically coupled with the landing doors while the car is in the landing zone, the alteration shall conform to 2.26.5. For inspection and test requirements, see 8.10.3.3.2(mm).	NA							
583		8.7.3.31.14	Remote Interaction Operation			N	Added: Remote Interaction Operation reference requirements							
584		8.7.5.7	Special Purpose Personnel Elevators; Revised in it's entirety			Added sections 8.7.5.7.1 through 8.7.5.7.28 to provide a better understanding of what is required in a Special Purpose Personnel Elevator that is subject to an Alteration per ASME A17.1/CSA B44.	NA							
585		8.7.6.1.5	Alterations to Escalators and Moving Walks, Construction Requirements; Introductory paragraph added			For inspection and test requirements, see 8.10.4.2.2(a).	NA							
586		8.7.6.1.6	Handrails; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(b)".	NA							
587		8.7.6.1.7	Step System; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(c)".	NA							
588		8.7.6.1.8	Combplates; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(k)".	NA							
589		8.7.6.1.9	ESCALATORS Trusses and Girders.			Reference to 8.7.1.5 added along with "For inspection and test requirements, see 8.10.4.2.2(d)".	Revised; Word lengthening added							
590		8.7.6.1.10	Step Wheel Tracks; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(e)".	NA							
591		8.7.6.1.11	Rated Load and Speed; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(f)".	Revised: Added: For inspection and test requirements, see 8.10.4.2.2(f).							
592		8.7.6.1.12	Driving Machine, Motor, and Brake; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(g)".	NA							
593		8.7.6.1.13	Operating and Safety Devices; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(h)".	NA							
594		8.7.6.1.14	Lighting, Access, and Electrical Work; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(i)".	NA							
595		8.7.6.1.15	Entrance and Egress; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(m)".	NA							
596		8.7.6.1.16	Controller; Revised			NA	NA							
597		8.7.6.1.17	Variable-Frequency Drive Motor Control; Revised			Adds reference to 6.1.6.10.4 and "For inspection and test requirements, see 8.10.4.2.2(n)".	NA							
598		8.7.6.1.18	Addition of Escalator Speed Variation; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(j)".	NA							
599		8.7.6.1.19	Skirt Panels: Added in it's entirety			Any alteration of a skirt panel or skirt panel supporting components shall conform to 6.1.3.3.6(d), and the person or firm performing the alteration shall verify conformance in accordance with 8.3.15.	NA							

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				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N			
600		8.7.6.2.5	Moving Walks, Construction Requirements; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(a)".	NA								
601		8.7.6.2.6	Handrails; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(b)".	NA								
602		8.7.6.2.7	Treadway System; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(c)".	NA								
603		8.7.6.2.8	Combplates; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(k)".	NA								
604		8.7.6.2.9	MOVING WALKS. Trusses and Girders.			Added reference 8.7.1.5 to requirement and added "For inspection and test requirements, see 8.10.4.2.2(d)".	Revised:Word lengthening added								
605		8.7.6.2.10	Track System; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(e)".	633								
606		8.7.6.2.11	Rated Load and Speed.			Added "For inspection and test requirements, see 8.10.4.2.2(f)".	Revised : Wording "shall conform to"								
607		8.7.6.2.12	Driving Machine, Motor, and Brake; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(g)".	NA								
608		8.7.6.2.13	Operating and Safety Devices; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(h)".	NA								
609		8.7.6.2.14	Lighting, Access, and Electrical Work; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(i)".	NA								
610		8.7.6.2.15	Controller; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(j)".	NA								
611		8.7.6.2.16	Variable-Frequency Drive Motor Control; Revised			Adds reference 6.2.6.10.4 to requirement and adds "For inspection and test requirements, see 8.10.4.2.2(n)".	NA								
612		8.7.6.2.17	Addition of Moving Walk Speed Variation; Revised			Added "For inspection and test requirements, see 8.10.4.2.2(j)".	NA								
613		8.7.6.2.18	Entrance and Egress; Added in it's entirety			Any alteration to the entrance or egress end shall comply with 6.2.3.8.1 through 6.2.3.8.4.	NA								
614		8.7.6.2.19	Skirt Panels; Added in it's entirety			Any alteration of a skirt panel or skirt panel supporting components shall conform to 6.1.3.3.6(d), and the person or firm performing the alteration shall verify conformance in accordance with 8.3.15.	NA								
615		8.9.3	CODE DATA PLATE			NA	(1)Added: The Code Data Plate shall conform to 8.13.1. (2) In subpara. (a), "or" added by errata								
616	1307.0067 Subp. 14	8.10.1.1.3	Persons Authorized to Make Acceptance Inspections and Tests		8.10.1.1.3 is deleted and replaced with the following: Elevator inspector qualifications. Inspectors shall have a current license issued by the Department of Labor and Industry as a master elevator constructor or elevator journeyworker constructor. Within 18 months of the employment start date, any person performing inspections shall be certified to the ASME QEI-1 standard as a qualified elevator inspector (QEI) by an organization recognized by the commissioner.	The inspector shall meet the qualification requirements of ASME QEI-1. Inspectors and inspection supervisors shall be certified by an independent, accredited, certifying organization as specified in 8.10.1.2	The inspector shall meet the qualification requirements of ASME QEI-1. Inspectors and inspection supervisors shall be certified by an independent, accredited, certifying organization as specified in 8.10.1.2	L	N	*					
617		8.10.1.1.4	ACCEPTANCE INSPECTIONS AND TESTS			NA	Last sentence added: The tag shall conform to 8.13.3.								

Worksheet 1307 TAG - A17.1-2019 and 2022 with Current Amendments

To be completed by Chair											To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota Amend	Minnesota Chapter 1307	A17.1-2019 Description of Change	A17.1-2022 Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments
				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N		
618		8.10.1.3	Applicability of Inspection and Test Requirements; Notes revised			Clarifies the notes in 8.10.1.3 so that they do not conflict with ASME A17.2, Introduction, which indicates that ASME A17.2 covers recommended procedures.	NA							
619		8.10.1.4	Making Safety Devices or Means Inoperative or Ineffective.			NA	Revised: Added: "or means"							
620		8.10.1.5	Unique or Product-Specific Procedures or Methods.			NA	Revised : reference requirements							
621		8.10.2.2.1	Acceptance Inspection and Tests of Electric Elevators : Car			Electric Elevators ,Inspection and Test Requirements for New Installations, Inside the Car; Revised	Subparagraph (t) revised: Door Monitoring System testing requirements							
622		8.10.2.2.2	Machine Rooms, Machinery Spaces, and Control Rooms/Spaces			(1) Subparagraphs (ff)(4) and (tt) added (2) Subparagraphs (ii)(1)(-b), (ii)(1)(-c), (ii)(1)(-f), (ii)(4)(-a), (ii)(4)(-b), and (ii)(4)(-c) revised	(1) In subpara. (cc)(3)(-c)(-1), "or" added by errata (2) Subparagraphs (s)(7)"means"added (t)(4) revised: testing requirements(3) Added Subparagraphs (s)(8)"Test Enable", (uu)"RIO", and (vv)Cybersecurity							
623		8.10.2.2.3	Top of Car			Changed from "Data Plate (2.16.3.3 and 2.20.2) (Item 3.27)" to "Data Plate (2.16.3.3, 2.20.2, and 2.24.2.3.5) (Item 3.27)".	Subparagraphs revised (k)Data Plate (n)Observed no change							
624		8.10.2.2.4	Outside Hoistway			NA	Subparagraph added (p) Motor Controllers Not Installed in a Machine Room, Space or Control Room, Space: inspection requirements							
625		8.10.2.2.5	Pit			NA	Revised Subparagraphs (b)(4) warning sign reference (c)revised wording with Capitals							
626		8.10.2.2.7	Working Platforms; Subparagraph (a)(1) revised			Reference 8.6.11.9 corrected by errata.	NA							
627		8.10.2.3.2	Inspection and Test Requirements for Altered Installations			Subparagraphs revised or added to specify test requirements for various alterations. Subparagraphs (a), (d), (g), (i), (j), (l) through (q), (s) and (u) revised. Subparagraphs (v) through (rr) added.	Revised Subparagraphs (l)revised wording for power supply (ii) revised reference requirements (2) Subparagraphs (ss)Seismic, (tt)RIO, (uu)Cybersecurity requirements							
628		8.10.2.4	Inspection and Test Requirements for Replacements			NA	Added: Inspection and Test Requirements for Replacements							
629		8.10.3.2.1	Acceptance Inspection and Tests of Hydraulic Elevators			NA	Revised Subparagraphs (q) wording for power supply,(t): observed no change							
630		8.10.3.2.2	Machine Rooms, Spaces, Control Rooms/Spaces			Added "The Means to View the USI On-Site (3.26.11.3)".	(1) Subparagraph (s)(3) revised capacitors or devices or means test requirements (2) Added Subparagraphs (kk)RIO, (ll) Cybersecurity requirements							
631		8.10.3.2.4	Outside Hoistway			NA	Subparagraph (j) revised wording for power supply							
632		8.10.3.2.5	Pit			(d) - The reference to (Item 5.12) is changed to (Item 5.9). (n) - The requirements for testing plunger grippers is revised	Subparagraphs (d)Buffer reference requirement, (o)Overspeed Valve procedure shall be left on-site							
633		8.10.3.2.7	Working Platforms; Subparagraph (a)(1) revised			Reference to 8.6.11.9 Corrected by errata	NA							
634		8.10.3.3.2	Inspection and Test Requirements for Altered Installations			Subparagraphs revised or added to specify test requirements for various alterations. Subparagraphs (a), (d), (g), (j), (l) through (s) revised. Subparagraphs (t) through (pp) added.	(1) Subparagraph (l) revised wording for power supply, (2)Added Subparagraphs (qq) RIO, (rr) Cybersecurity, (ss) Seismic requirements							

Worksheet 1307 TAG - A17.1-2019 and 2022 with Current Amendments

To be completed by Chair											To be completed by TAG members				
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota Amend	Minnesota Chapter 1307	A17.1-2019 Description of Change	A17.1-2022 Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N			
635		8.10.3.4	Inspection and Test Requirements for Replacements			NA	Added: Inspection and Test Requirements for Replacements								
636		8.10.4.1.1	Acceptance Inspection and Tests of Escalators and Moving Walks			Skirt Panels; Adds requirements that engineering test documentation be onsite to verify conformance with the deflection requirements.	Subparagraphs(c)Handrail speed checkout procedure shall be left on-site(f)Caution sign reference requirements revised								
637		8.10.4.1.2	Internal Inspection and Tests			Skirt Obstruction Devices; Changes "The skirt switches shall be tested for conformance with 6.1.6.1(h) and 6.1.6.3.6" To "The skirt obstruction devices shall be tested for conformance with 6.1.5.3.1 and 6.1.6.3.6".	Revised Subparagraphs (c)written checklist(d)added dynamic braking systems(m) handrail speed monitor testing and requirements (p)Code Data Plate								
638		8.10.4.2.1	Inspection and Test Requirements for Altered Installations.			NA	Revised: Code Data Plate reference requirements								
639		8.10.4.2.2	Inspection and Test Requirements for Altered Installations; Multiple subparagraphs revised or added.			Inspection and test requirements for escalators and moving walk alterations. Subparagraph (i)and (j) revised and (k) through (o) added.	NA								
640		8.11.1.2	Electric Elevators Periodic Inspections, Applicability of Inspection Requirements; Notes revised			Clarifies notes so that they do not conflict with the ASME A17.2 Introduction.	NA								
641	1307.0067 Subp.15	8.11.1.3	Periodic inspection and test frequency.		Periodic inspection and test frequency. The frequency as established by the authority having jurisdiction shall be as stated in the Minnesota Table N-1.(2007)	The frequency of periodic inspections and tests shall be established by the authority having jurisdiction.	The frequency of periodic inspections and tests shall be established by the authority having jurisdiction.	M	L	*					
642		8.11.2.1.1	Electric Elevators Periodic Inspection Requirements.			NA	Subparagraphs (q),(r) revised wording for power supply								
643		8.11.2.1.2	Machine Rooms, Spaces, and Control Rooms/Spaces			The USI of the installed software matches the onsite documentation. See 2.26.1.7.1 and 8.6.1.2.2(e).	Added Subparagraphs (pp)capacitors or other devices or means, (qq) RIO, (rr) Cybersecurity inspection								
644		8.11.2.1.4	Outside Hoistway			NA	(1) Subparagraph (l) revised wording for power (2) Subparagraph (p)Motor Controllers Not Installed in a Machine Room, Space or Control Room, Space: inspection requirements								
645		8.11.2.1.6	Firefighters' Emergency; Revised in it's entirety			Items 6.3 through 6.5, as applicable.	NA								
646		8.11.2.1.7	Working Platforms; Subparagraph (a)(1) revised			Reference to 8.6.11.9 corrected by errata.	NA								
647		8.11.3.1.1	Hydraulic Elevators Periodic Inspection Requirements.			NA	Subparagraph (q) revised wording for power supply								
648		8.11.3.1.2	Machine Rooms, Spaces, and Control Rooms/Spaces			The USI of the installed software matches the onsite documentation. See 3.26.11 and 8.6.1.2.2(e).	Added Subparagraphs (ee)capacitors or other devices or means, (ff) RIO, (gg) Cybersecurity inspection								
649		8.11.3.1.4	Outside the Hoistway			NA	Subparagraph (k) revised wording for power								
650		8.11.3.1.5	Pit			(d) changed from "Car Buffer (Item 5.12)" to "Car Buffer (Item 5.9)". Added (r) "Plunger Gripper (Item 5.17)".	Added Subparagraph (r) Plunger Gripper inspection reference								

Worksheet 1307 TAG - A17.1-2019 and 2022 with Current Amendments

To be completed by Chair											To be completed by TAG members				
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota Amend	Minnesota Chapter 1307	A17.1-2019 Description of Change	A17.1-2022 Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N				N=None, L=Low M=Med, H=High	Y or N			Y or N			
651		8.11.3.1.7	Working Platforms; Subparagraph (a)(1) revised			Reference to 8.6.11.9 corrected by errata	NA								
652		Subparagraph (k) revised to "Reserved for Future Use".	Subparagraph (k) revised to "Reserved for Future Use".			Subparagraph (k) revised to "Reserved for Future Use".	Subparagraph (k) revised to "Reserved for Future Use".								
653		8.12.1	Flood-Resistant Design and Construction			NA	Note added: Flood Detection Operation references (See Also 2.2.9 and 2.27.13 and 3.27.5)	M	L		*				
654		Section 8.13	Added in it's entirety			SIGNS, PLATES, AND TAGS; When referenced, Section 8.13 covers the standard materials and properties for safety signs and permanent plates used on devices within the scope of this Code.	NA								
655		8.14	CYBERSECURITY			NA	Added in it's entirety: Cybersecurity requirements	M	L		*				
656		Part 9	Introductory text revised			Adds "Where "latest edition" is used, it shall mean the most recent edition in publication on the date this document is published".	NA								
657	1307.0092	9.1	REFERENCE DOCUMENTS		References to NFPA 13-1985 shall be deleted and replaced with references to NFPA 13-2016. NOTE: Should read adopted edition.	In Section 9.1, ADA/ABAAG and FED-STD-595C added. In Section 9.1, ASME A17.8/CSA B44.8, ASME B29.1, ASME B29.8, ASME B29.100, CSA C22.2 No. 141, and UL 924 revised. In Section 9.1, ASME B29.2M-1982 (R1987) and ASME B29.15-1973 (R1987) deleted.	Updated								
658		Section 9.2	Updated			Procurement Information	NA								
659		E-2	NONMANDATORY APPENDIX E: E2			Verbal Announcement	Definitions of hall call console and accessibility function button added								
660		E-9.3.2	Button Arrangement.			NA	Revised: Added rear and special floor requirements								
661		E-9.4	Telephone-Style Keypads.			NA	Revised: five key dot centrally located.								
662		E-11	EMERGENCY COMMUNICATIONS			NA	Revised wording, revised operating instruction reference								
663		E-18.1	DESTINATION-ORIENTED ELEVATORS: Hall Call Consoles			NA	Revised; additional reference requirements, Rear and special floors, five key dot centrally located								
664		E-18.2	Call Buttons			NA	Revised in its entirety: Ground space increased, five key dot centrally located, minus symbol, Last sentence revised wording								
665		E-18.3.1	Hall Signals			NA	Added Verbal Announcement requirements								
666		E-18.3.3	Verbal Announcement			NA	First sentence added: Car designation requirements								
667		E-18.6	Elevator Car Identification.			NA	Revised: additional requirements variable message signs								
668		E-20.2.1.1	SIGNS: Visual Characters			NA	Added: Line Spacing requirements with in a message								
669		E-20.8	Line Spacing			NA	Table Revised								
670		Table F-1	Revised			Table Revised	NA								
671		Figure G-1	Revised			Figure revised	NA								
672		Figure I-5	Figure: Ceiling or Soffit Guard			NA	General Note added: See also Figures I-13 and I-14.								
673		Figure I-10	Figure: Moving Walk Treadway Slots			NA	Revised: dimensions and figure								
674		Figure I-13	Figure: Ceiling or Soffit Guard High-Deck Elevators			NA	Added: Ceiling or Soffit Guard High-Deck figures and notes								

Worksheet 1307 TAG - A17.5-2019 - 8.23.2024

To be completed by Chair										To be completed by TAG members			
Item No.	Minnesota Code Section	A17.5-2019 Code Section	Subject	Current Minnesota Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
1		2.1	Reference Publications	N	Update to Clause	N	N	A					
2		2.2	Definitions	N	Update to Clause	N	N	A					
3		6.4.2	Polymeric enclosures	N	Update to Clause	N	N	A					
4		6.7	Polymeric enclosures	N	Update to Clause	N	N	A					
5		7.1.1	Openings in enclosures	N	Update to Clause	N	N	A					
6		17.3	Grounding	N	Update to Clause	N	N	A					
7		18.2	Printed circuit boards	N	Update to Clause	N	N	A					
8		18.3	Printed circuit boards	N	Update to Clause	N	N	A					
9		19.3.10	Solid-state ac motor controller tests	N	Added - Verification of electronic motor overload protection test	N	N	A					
10		19.4.4.1	Power-conversion equipment -Operation tests	N	Update to Clause	N	N	A					
11		19.4.12	Power-conversion equipment	N	Added Electronic motor overload protection test.	N	N	A					
12		19.4.13	Power-conversion equipment	N	Added Short-circuit test	N	N	A					
13		19.6.1	Printed circuit board coatings	N	Update to Clause	N	N	A					
14		19.7.1	Transient-voltage-surge suppression	N	Update to Clause	N	N	A					
15		20	Marking	N	Update to Clause	N	N	A					
16		Table 12	Minimum conductor spacings (creepage and clearance) for printed circuit boards	N	Update to Table 12	N	N	A					
17		Table 17	Sequence of tests for solid-state ac motor controllers	N	Update to Table 17	N	N	A					
18		Table 18	Maximum permissible temperature rises	N	Update to Table 18	N	N	A					
19		Table 19	Sequence of tests for power-conversion equipment	N	Update to Table 19	N	N	A					
20		Annex B (informative)	CSA Group and ASME elevator and escalator publications	N	Update to Annex B	N	N	A					

Worksheet 1307 TAG - A17.5-2019 - 8.23.2024

To be completed by Chair									To be completed by TAG members				
Item No.	Minnesota Code Section	A17.5-2019 Code Section	Subject	Current Minnesota Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
21		Annex C	French marking translations	N	Added French marking translations	N	N	A					

Worksheet 1307 TAG - A90.1-2023 8.23.2024

To be completed by Chair										To be completed by TAG members			
Item No.	Minnesota Code Section	A90.1 Code Section	Subject	Current Minnesota Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
1		1.3(b)	Application	N	Wording revised for clarification	N	N	A					
2		2	REFERENCES	N	Revised	N	N	A					
3		3	DEFINITIONS	N	Multiple definitions added and revised	N	N	A					
4		4.1.1	Floor Openings - Allowable Size	N	Divided into subdivisions. 4.1.1 & 4.1.1(a) content unchanged. 4.1.1(b) content added to specify clearance from belt to opening.	L	N	A					
5		4.2	Riding Clearance	N	Wording changed for clarification.	N	N	A					
6		4.3	Landings	N	Some wording revised for clarification. Sub-section 4.3.3, Lighting of Landings, removed and subsequent sub-sections renumbered.	N	N	A					
7		4.4	Emergency Exit Ladder	N	Changes section 4.4 to emergency exit ladder section	N	N	A					
8		4.5	Hoods on Underside of Floor Openings	N	Was section 4.4, renumbered to section 4.5. Content is unchanged except that references revised to reflect renumbering.	N	N	A					
9		4.6	Protection of Entrances and Exits	N	Was section 4.5, renumbered to section 4.6. Some wording revised for clarity and some references revised.	N	N	A					
10		4.7	Bottom Arrangement	N	Was section 4.6, renumbered to section 4.7. Content unchanged, some wording revised for clarification and some references revised to reflect new numbering.	N	N	A					
11		4.8	Top Arrangement	N	Was section 4.7, renumbered to section 4.8. Content unchanged, some wording revised for clarity and references renumbered.	N	N	A					
12		4.9	Superstructure	N	Revised in it's entirety	L	L	A					
13		4.10	Illumination	N	Revised to specify that the lighting shall not be less than 5 fc (increased from 1 fc) at any point along both runs and also all landings.	M	M	A	*				
14		5.1	MECHANICAL REQUIREMENTS - Drive Assembly	N	Revised in it's entirety. Added language about couplers and e-Brakes on units intalled after 2009.	M	M	A	*				
15		5.2	Belt	N	Revised in it's entirety including references .	N	N	A					
16		5.3.4	Bottom Pulley Protection.	N	References revised	N	N	A					
17		5.3.5	Pulley Shafts	N	Added to specify requirements fot the pulley shafts.	L	L	A					

Worksheet 1307 TAG - A90.1-2023 8.23.2024

To be completed by Chair										To be completed by TAG members			
Item No.	Minnesota Code Section	A90.1 Code Section	Subject	Current Minnesota Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
18		5.5	Steps	N	Wording revised for clarity. References revised. Sub-section 5.5.9 added for requirements if step is removed and 5.5.10 renumbered.	N	N	A					
19		5.6	Handholds	N	Wording revised for clarification	N	N	A					
20		5.7	Safety Devices	N	Wording revised for clarification	N	N	A					
21		5.8	Start/Stop Control Rope	N	Wording revised for clarification	N	N	A					
22		5.9	Factor of Safety	N	Revised in it's entirety	N	N	A					
23		6.2	Data Tags and Plates	N	Renumbered. Requirements for location of data tags.	N	N	A					
24		6.3	Top Floor Caution Sign and Light	N	Was 6.2, renumbered to 6.3. Wording revised for clarification	N	N	A					
25		6.4	Bottom Floor Caution Sign	N	Was 6.3, renumbered to 6.4. Sign wording revised.	N	N	A					
26		6.5	Visitor Warning Sign	N	Was 6.4 renumbered to 6.5.	N	N	A					
27		7(f)	OPERATING RULES FOR PROPER USE OF MANLIFTS	N	Revised the requirements for starting or restarting a manlift.	N	N	A					
28		8.1	Acceptance and Annual Tests	N	Clarifies and adds requirements for acceptance and annual tests	N	N	A					
29		8.2	Periodic Examinations	N	Modifies and clarifies requirements for periodic examinations.	N	N	A					
30		9	MAINTENANCE, REPAIR, REPLACEMENT, AND ALTERATIONS	N	Added in it's entirety	M	L	A	*				
31		Mandatory Appendix 2	BELT MANLIFT INSPECTION RECORD	N	Revised in it's entirety	N	N	A					

Worksheet 1307 TAG - B20.1 - 2018 and 2021 8.23.2024

To be completed by Chair											To be completed by TAG members			
Item No.	Minnesota Code Section	B20.1 Code Section	Subject	Current Minnesota Amend	Description of Change B20.1-2018	Description of Change B20.1-2021	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stakeholder Consensus	Comments	
				Y or N			N=None, L=Low M=Med, H=High	Y or N			Y or N			
1		Introduction	Introduction	N	Relocated to the front matter.		N	N	A					
2		Section 1	Scope	N	In fourth paragraph, first sentence revised		N	N	A					
3		Section 2	References	N	Updated		N	N	A					
4		Section 3	Intent	N	Second through last paragraphs deleted, and information relocated to the orrespondence With the B20 Committee page in the front matter		N	N	A					
5		1.4	Definitions	N	(1) Definitions of antirunaway and brake revised (2) Definitions of conveyor, mobile hopper railcar/hopper bottom truck unloader and hold-down wheels added		N	N	A					
6		5.11	Controls	N	Language revised		N	N	A					
7		5.15		N		Former 5.16 renumbered	N	N	A					
8		5.16		N		Former 5.15 renumbered	N	N	A					
9		6.17.2	Tow Conveyors	N	(1) In para. 6.17.2.1, (e) and (f) added (2) Paragraph 6.17.2.2 revised		N	N	A					
10		6.21.1	VRC Safety cosiderations	N	language in subparagraph (a) revised.		N	N	A					
11		6.23	Mobile Hopper Railcar/Hopper BottomTruck Unloader Conveyor	N	Added		N	N	A					
12		6.24	Electrified Monorail Conveyors Used for Assembly/Inspection/Testing Processes	N	Added		N	N	A					
13		I-3.3	Guarding Onboard Carrier	N	Metric-equivalent values added		N	N	A					
14		I-3.5	Drive Types	N	Revised. Use "mechanical antirunaway device" in lue of "Backstop device"		N	N	A					
15		I-3.6	Running Clearance	N	Metric-equivalent values added		N	N	A					
16		I-3.9	Gates and Enclosures	N	Metric-equivalent values added		N	N	A					
17		I-3.9	Gates and Enclosures	N		Last two sentences revised	N	N	A					
18		I-4.2	Precautionary Labeling	N	Footnote 2 revised		N	N	A					