

ADVISOR: Elevating Devices Industry December,1 2022

Notice:

To assist the Elevating Devices Industry to meet their safety goals, AEDARSA is providing the following information and it is important to note that the regulations and STANDATAS for elevating devices are continuously changing and it is important to keep up to date on the latest changes.

Introduction:

*This document (disclaimer) is only to serve as a **GUIDE** as is not intended to replace any of the adopted regulations or codes, for any legal interpretations the original documents must be consulted.*

The purpose of this guide is to explain, how the regulatory and code adoption system has changed in Alberta effective December 1, 2022.

In general, the requirements have not substantially changed other than the introduction for two (2) new code updates.

- a. ASME A17.1-2019/CSA B44-19
- b. CSA B355-19

The main change is in how the regulatory system addresses timely code adoption and to facilitate the continuous code changes easily without changing the regulation each time a new code is introduced.

The *Elevating Devices Codes Regulation AR 192/2015* is now amended so that newer codes can be adopted in a timely manner without having to develop a new regulation each time a new code comes into effect. The regulation is available through *Alberta King's Printers*. (Note: *King's Printer* has not consolidated the two regulations at this time). Therefore, these two regulations will have to be combined to give you a consolidation;

- a. Existing AR 192/2015 https://kings-printer.alberta.ca/1266.cfm?page=2015_192.cfm&leg_type=Regs&isbncIn=9780779827077&display=html
- b. New AR 205/2021 https://kings-printer.alberta.ca/documents/Orders/Orders_in_Council/2021/2021_324.html

However, there are still items that address what are "*Alberta specific*" and the code sets out areas where the AHJ makes those determinations. Therefore, to allow timely code adoption to be flexible, STANDATAs were published to meet this need.

In addition, items that were previously noted and not adopted by regulation are now located in the *Exemption Regulation AR 351/2003 consolidated up to 241/2021*. https://kings-printer.alberta.ca/1266.cfm?page=2003_351.cfm&leg_type=Regs&isbncIn=9780779827558

STANDATA Overview:

In addition to the *Elevating Devices Codes Regulation*, Municipal Affairs published *STANDATA* to address Alberta unique regulatory requirements that will apply to elevating devices in Alberta.


Currently there are several *STANDATA* that affect how the *Elevating Devices Codes Regulation* is applied in Alberta. These *STANDATA* are legally binding and can be applied as if they were in the regulation and are based on a code clause number.

When an *STANDATA* is cited in a deficiency, or an Order, that citation must list the reference number of the actual *STANDATA*



Elevating Devices STANDATA:

AEDARSA is providing a *STANDATA Elevating Devices Tracking Table* to assist the elevator Industry in finding the *STANDATA* related to *Amended Elevating Devices Codes Regulation*. However, the tracking Table is only a guide and copies of the official *STANDATA for Elevating Devices are located on the Alberta Open Government Publications website*: <https://open.alberta.ca/publications/standata-interpretation-elevating-devices>



Item	Number	Type	Name of STANDATA	
1.	19-EDI-001	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	Periodic Testing and Witnessing of Test <i>Explanation:</i> Periodic tests are completed once by the EDSP will be based on a calendar year. For example, a category test completed anytime during the calendar year will be acceptable even if the tests were completed at different date from the pervious test. The tests are calendar year to calendar year.	 19-EDI-001 Periodic testing and witnessi
2.	19-EDI-002	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	AECO Certificate <i>Explanation:</i> This requirement was added to ensure that changes made to the ASME A17.1/ CSA B44 Code would be acceptable to Alberta Government. In some cases, the changes may not be able to demonstrate the changes were equal to or greater safety as required by the Safety Codes Act. The AHJ can accept or reject New Technology.	 19-EDI-002 AECO Certificate.pdf
3.	19-EDI-003	Interpretation <i>ASME-A17.1/CSA B44 CSA B355 CSA Z185 CSA B311 Requirement</i>	Alberta Building Code Use <i>Explanation:</i> Clarifies that the National Building Code of Canada (NBCC) note in ASME A17.1/CSA B44 that it means NBCC Alberta Edition. The NBCC(E) and National Fire Code (E) can be downloaded from the Safety Codes Council website	 19-EDI-003 Alberta Building Code Use.p
4.	19-EDI-004	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	Brake Maintenance <i>Explanation:</i> The term “dismantled” applies to brakes that can be dismantled “On-Site”. All brake must have all components checked when they are dismantled and tested for compliance as set out in the STANDATA 22-EDI-004	 19-EDI-004 Brake Maintenance signec
5.	19-EDI-005	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	Cleaning of Glass Enclosures <i>Explanation:</i> This requirement was added to ensure that the cleaning of glass within the hoistway by non-elevator personnel was under the direct supervision of an elevator mechanic to prevent injury to the staff that clean the class following safe work procedures to prevent them from being injured by a moving elevator.	 19-EDI-005 Cleaning of endosu
6.	19-EDI-006	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	Maintenance Frequency <i>Explanation:</i> ASME A17.1/CSA B44 is silent on the frequency of intervals that maintenance must be carried out. In Alberta, some portion of the maintenance tasks must be carried out every 3 months for elevating devices to ensure there is a reasonable amount maintenance conducted thereby increasing the level of elevating device safety. An individual task cannot be longer greater than one year (12 months)	 19-EDI-006 Maintenance freque
7.	19-EDI-007	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	On Site Maintenance Records <i>Explanation:</i> In Alberta an EDSP must ensure that record keeping is up-to-date and in compliance with the MCP. In addition, a yearly statement must indicate that all items in ASME A17.1/CSA B44 section 8.11 as it pertains to 8.6 testing is complete.	 19-EDI-007 On Site Maintenance Recor
8.	19-EDI-008	Interpretation <i>ASME A17.1/CSA B44 Requirement</i>	Major Alteration to Elevator/Escalator Equipment <i>Explanation:</i> Major alterations scope is often miss understood. It important to follow the requirements set out in this STANDATA to avoid any delays. AEDARSA also has a list of alterations that may require professional involvement see AEDARSA Information Bulletin No. IBE16-003	 19-EDI-008 Major alterations to equip
9.	19-EDI-009	Interpretation <i>ASME-A17.1/CSA B44 CSA B355 CSA Z185 CSA B311 Requirement</i>	Maintenance Personnel <i>Explanation:</i> Clarifies that in Alberta, elevator mechanics are designated trade, and they only can complete maintenance on elevating devices.	 19-EDI-009 Elevating devices me



10.	19-EDI-010	Interpretation <i>ASME A17.1/CSA B44-Requirement</i>	Escalator Switches <i>Explanation:</i> Older escalators that have been put in abeyance must meet the requirements as stated in the STANDATA 22-EDI-010 before they can be put into service.	 19-EDI-010 Escalator inspection
11.	19-EDI-011	Interpretation <i>CSA B355 Requirement</i>	CSA B355 Alterations <i>Explanation:</i> The Nonmandatory Alteration Section D of CSA B355 is added to give direction what is required for an alteration when the Elevating Devices, Passenger Ropeways and Permit Regulation is applied.	 19-EDI-011 B355 Annex D.pdf
12.	19-EDV-001	Variance <i>ASME A17.1/CSA B44-Requirement</i>	Category Test Record Data Tags: <i>Explanation:</i> There are two (2) classification of Category Test Tags. 1. Category -1 Test Tag (Yearly) information is permitted to be placed the logbook only without being attached to the controller 2. Category-5- Test must be attached to the controller cover	 19-EDV-001 Test record data tags.pdf
13.	19-EDV-002	Variance <i>ASME A17.1/CSA B44-Requirement</i>	Testing Elevator Firefighters Emergency Operation (FEO) in Alberta <i>Explanation:</i> While the current ASME A17.1/CSA B44 states that FEO shall be tested monthly, however the National Fire Code (Alberta Edition) does allow the testing to be completed every 3-months.	Coming Soon
14.	19-BCV (REV1) 19-EDB-001	Variance/Bulletin <i>Alberta Building Code ASME A17.1/CSA B44 CSA B355</i>	Substituting an Elevator for an Accessibility Lift <i>Explanation:</i> When barrier-free access to a building is required and the travel of the elevating device is 7000mm or less, it is permitted by the <i>Alberta Building Code</i> , to substitute an Elevator for a <i>Platform Lifts and Stair Lifts for Barrier-Free Access</i> following the conditions set out in <i>STANDATA 19-BVC9 (REV1)/19-EDB-001</i> .	 19-BCV-003 (REV1)_19-EDB-001_I
15.	Notice	Municipal Affairs Notice	Effect December-1, 2022 /Highlights <i>Explanation:</i> Alberta Municipal Affairs this publication outlines the basic changes to the Amended Elevating Devices Codes Regulation.	 Notice - New elevating devices co
Note: The STANDATA listed above are not the complete list of STANDATA issued by Municipal Affairs (MA). Older STANDATA issued by MA still prevail and need to be followed see https://www.alberta.ca/elevator-codes-and-standards .				

What's NEW in the Codes

It is imperative that all stakeholders in the elevating devices industry remain up to date with the latest adopted codes and have access to latest adopted codes.

An Elevating Devices Mechanic must not carry out maintenance, repairs, and replacement unless that they have access to the ALL-applicable codes and the MCP specific to the elevating device they are working on.

Effective December 1, 2022, the two (2) new codes that have been adopted are as follows;

A. Elevators and Escalators

ASME A17.1-2019/CSA B44-19 Safety Codes for Elevators and Escalator

(Additional codes and guidelines that support the above code, but not limited to)

ASME A17.2 Guideline for Inspection

ASME A17.6 Standard for Elevator Suspension, Compensation and Governor Systems

What's New in ASME A17.1-CSA B44-2013, 2016, 2019 the link listed below is only a basic guide and may not directly apply in Alberta

<https://www.tssa.org/en/elevating-devices/resources/Documents/Whats-New-in-ASME-A17.1-CSA-B44-201320162019.pdf>

B. Platform Lifts and Stair Lifts for Barrier-Free Access

CSA B355-19 Platform Lifts and Stair Lifts for Barrier-Free Access

(Previously called Lifts for Persons with Physical Disabilities)

The changes are set out in *annex "C" What's New Platform Lifts and Stair Lifts for Barrier-Free Access CSA B355-09 to CSA B355-15 and CSA B355-19*

Additional Information:

For additional information about bulletins, accident reporting and forms check the AEDARSA website: <https://www.aedarsa.com/>

For clarification or questions, you can also contact AEDARSA directly at:

<p>Calgary 145, 340 Midpark Way SE Calgary, Alberta T2X 1P1 P 403 216 5750</p>	<p>Edmonton 104, 8616-51 Ave Edmonton, Alberta T6E 6E6 P 780 448 0184</p>
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