



Alberta Elevating Devices
& Amusement Rides
Safety Association

Information Bulletin No. IBAR26-001

Subject: Adoption of the *ASTM F2783-25 Standard Practice for Design, Manufacturer, Operation, Maintenance, and Inspection of Amusement Rides and Devices in Canada*.

Issue: *ASTM F2783-25* and Referenced Documents Code Adoption and notable changes

Background: Municipal Affairs has issued a [notice](#) that declares the *ASTM F2783-25* in force as of March 1st, 2026. The *ASTM F2783-25* including referenced documents will come into force in Alberta on March 1st, 2026, with timely adoption under the *Alberta Amusement Rides Standards Regulation*.

Requirements: This bulletin highlights the changes and key updates from the previous edition of the *ASTM F2783* and referenced documents. The notable changes include however are not limited to the following:

A. *ASTM F2783-25 Standard Practice for Design, Manufacture, Operation, Maintenance, and Inspection of Amusement Rides and Devices, in Canada*

The ASTM F2783 standard applies to the terminology, design, manufacture, operation, maintenance, and inspection of amusement rides and devices in Canada.

- *5.1 General—Amusement rides and devices shall be designed in accordance with Practice F2291, or the applicable ride specific standards listed in 2.4 * New wording Applies to Practice F2374 & F2959*
- *5.4.7 Where the term “ride analysis” is used in Practice F2291 or any other ride specific standard, Subsection 5.1 of Practice F2291 shall be applied for the purpose of its resolution in the context of its use, unless otherwise specified by the applicable ride specific standard. * New wording Applies to Practice F2374 & F2959*
- *7.3 Exceptions from Practice F770—Section 11 about patron responsibility shall not apply. *Updated to the correct section*

B. *ASTM F747-24 Terminology Relating to Amusement Rides and Devices*

The ASTM F747 standard is a repository of terms approved by Committee F24 and its subcommittees.

- *qualified alternate supplier, a company or individual who is knowledgeable in the design/engineering of amusement rides or devices including understanding of ASTM F24 and other relevant codes, but who was not an original designer/ engineer or manufacturer at the time the amusement ride or device began Operation and Use. *New terminology*

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C. *ASTM F770-24 Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices*

The ASTM F770 standard provides guidelines for operations, maintenance, and inspection procedures for amusement rides and devices to be performed by the owner/operator.

3. Terminology

Definitions:

3.1.1 3.1.1 owner/operator, n—person or organization that is responsible for the operation, maintenance, and inspection of an amusement ride or device. ***New definition**

○ 6. Operations Program Requirements ***New requirements**

6.2.1.2 The process to evacuate riders from the amusement ride or device when evacuation in the standard load/unload area is not possible.

○ 7. Maintenance Program Requirements ***New requirements**

7.6 Supplemental Notification Bulletins—The owner/ operator shall retain a copy of all supplemental notification bulletins delivered by the manufacturer pertaining to the amusement ride or device.

7.6.1 When any supplemental notification bulletins titled “SAFETY ALERT” or “SERVICE BULLETIN” are delivered by the manufacturer in accordance with F1193, the owner/ operator shall document any applicable actions taken including updates to operation programs specified in Section 6, maintenance programs specified in Section 7, and inspection program requirements specified in Section 8.

7.6.2 The owner/operator shall make available to the regulatory entities who have jurisdiction and statutory oversight of the specific amusement ride or device, a copy of any supplement notification bulletin delivered by the manufacturer of the amusement ride or device upon request.

7.6.3 The owner/operator shall make available to qualified parties responsible for inspecting, auditing, certifying, or permitting of a specific ride or device a copy of any supplemental notification bulletin delivered by the manufacturer of the amusement ride or device upon request.

○ 10 Document Retention Program Requirements ***New requirements**

10.1 Required Program—The owner/operator of an amusement ride or device shall implement a documented record retention program.

10.2 Retention Schedules—The owner/operator of an amusement ride or device shall implement record retention schedules that meet the needs of the owner/operator’s operations, maintenance, inspection, and training programs, and applicable legal requirements

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D. ASTM F1193-24e1 Quality, Manufacture, and Construction of Amusement Rides and Devices

The ASTM F1193 practice establishes the minimum requirements for a quality assurance program and the manufacturing of amusement rides and devices (including major modifications)

- 4.5.2 Welding ***New requirements**
- 4.5.3 Welding Process Inspection ***New requirements**
- 4.5.4 Replacement Parts—Replacement parts for amusement rides and devices ***New requirements**
- 9.3 Manufacturers shall maintain a catalog of supplemental bulletins issued for an amusement ride or device ***New requirements**

E. ASTM F2291-24 Design of Amusement Rides and Devices

The ASTM F2291 practice establishes criteria for the design of amusement rides, devices and major modifications to amusement rides and devices

- 5. General Design Criteria
(7) Evacuation Analysis ***New requirement**
- 8.32 Metal Structures: ***New requirement**
8.32.2 Mitigation of Corrosion
- 12.4.1 Lighting Fixtures ***New requirements**

F. ASTM F2959-24 Aerial Adventure Courses

The ASTM F2959 practice establishes criteria for the Design, Manufacture, Installation, Operation, Maintenance, Auditing and Major Modification of Aerial Adventure Courses (Zip line only)

- 5.8 Training Program: ***New requirement**
5.8.1.4 Instructions on proper fit and use of any required PSE (Personal safety Equipment)
- 11.8.15.9 Design in Natural Rock ***New requirement**
(3) When anchors are used in natural rock:
(a) Designer/engineer shall specify the testing frequency, methodology, and acceptance criteria

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G. F2374-24 Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices

The ASTM F2374 practice establishes criteria for the Design, Manufacture, Installation, Operation, Maintenance, Inspection, Training, Auditing and Major Modification of commercial use Inflatable Amusement Devices.

- **5.6.8 Staked Anchoring: *New requirements**
 - 5.6.8.1 *Staked anchoring shall at minimum meet the pullout capacity for a 1 in. diameter, 18 in. long straight shaft stake as per A2.2 and Table A2.1. If the staked anchoring system is designed using stakes other than those specified in Table A2.1, the design shall show how the specified anchors meet the requirements for pullout capacity.*
 - 5.6.8.2 *When selecting a stake, the designer/engineer shall also take into consideration the following:*
 - (1) *corrosion resistance,*
 - (2) *properties for the installation environment, and*
 - (3) *tensile strength requirements*

H. F2974-24a Standard Practice for Auditing Amusement Rides and Devices

The ASTM F2974 establishes minimum requirements for auditing conformance to ASTM Committee F24 Standards during an audit of an amusement ride or device within a defined scope.

- **5.5 Record Retention Program *New requirements**
- **12. Welding Audit Program *New requirements**

Implementation:

This information bulletin is implemented March 1st, 2026

Original signed by:

Rob Eeglon

AEDARSA Manager Passenger Ropeways & Amusement Rides
IBAR26-001 Adoption of the ASTM F2783-25 Standard Practice for Design, Manufacturer, Operation, Maintenance, and Inspection of Amusement Rides and Devices in Canada

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