

*The
Amusement
Ride Safety
Regulations, 2017*

being

[Chapter A-18.2 Reg 2](#) (effective January 1, 2018).

NOTE:

This consolidation is not official. Amendments have been incorporated for convenience of reference and the original statutes and regulations should be consulted for all purposes of interpretation and application of the law. In order to preserve the integrity of the original statutes and regulations, errors that may have appeared are reproduced in this consolidation.

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CHAPTER A-18.2 REG 2
The Amusement Ride Safety Act

PART 1
Preliminary Matters

Title

- 1** These regulations may be cited as *The Amusement Ride Safety Regulations, 2017*.

Definitions

- 2** In these regulations:

“**Act**” means *The Amusement Ride Safety Act*;

“**adopted standards**” means the standards adopted pursuant to section 5;

“**air-supported structure**” means an air-supported structure as defined pursuant to ASTM F2374-10 *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices*;

“**ASTM**” means the American Society for Testing and Materials;

“**attendant**” means a person who actively engages in or supervises:

- (a) the loading or movement of passengers on, or the unloading of passengers from, an amusement ride;
- (b) the marshalling of passenger-carrying units; or
- (c) two or all of the functions mentioned in clauses (a) and (b);

“**class A amusement ride**” means:

- (a) a coaster ride, flume ride or other similar ride that travels more than 500 metres; or
- (b) an amusement ride that requires more than 4 hours of inspection based on the manufacturer’s inspection requirements;

“**class B amusement ride**” means:

- (a) a coaster ride, flume ride or other similar ride that travels 500 metres or less; or
- (b) an amusement ride, other than a class A amusement ride or a concession go-kart, that has one or more of the following characteristics:
 - (i) transports passengers to a height exceeding 6 metres;
 - (ii) tilts passengers more than 45 degrees from the horizontal with or without inversion of passengers;

(iii) has a simultaneous operating capacity of more than 8 passengers;

(iv) has a total passenger capacity exceeding 30;

“class C amusement ride” means:

(a) an inflatable type amusement ride or any amusement ride designed to carry adults other than a class A or class B amusement ride or a concession go-kart; or

(b) any amusement ride that is designed primarily for use by children and has none of the characteristics listed in clause (b) of the definition of Class B amusement ride;

“competent”, with respect to a person, means qualified by reason of the person’s knowledge, maturity, training and experience to perform the work that the person is assigned to do;

“concession go-kart” means concession go-kart as defined in ASTM F2007-12 *Standard Practice for Design, Manufacture, and Operation of Concession Go-Karts and Facilities*;

“concession go-kart track” means concession go-kart track as defined in ASTM F2007-12 *Standard Practice for Design, Manufacture, and Operation of Concession Go-Karts and Facilities*;

“employ” includes engage the services of, whether or not an employer and employee relationship exists;

“fence” means fence as defined in ASTM F2291-15 *Standard Practice for Design of Amusement Rides and Devices*;

“inflatable amusement ride” means inflatable amusement ride as defined in ASTM F2374-10 *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices*;

“itinerant amusement ride” means an amusement ride that is installed in a fixed location for 12 months or less;

“major modification” means major modification as defined in ASTM F747-15 *Standard Terminology Relating to Amusement Rides and Devices*;

“manufacturer” means manufacturer as defined in ASTM F747-15 *Standard Terminology Relating to Amusement Rides and Devices*;

“maximum capacity” means the maximum passenger capacity by number or weight as determined by the manufacturer;

“non-itinerant amusement ride” means an amusement ride that is installed in a fixed location for more than 12 months;

“owner/operator” means an owner/operator as defined in ASTM F747-15 *Standard Terminology Relating to Amusement Rides and Devices*;

“restraint” means restraint as defined in ASTM F747-15 *Standard Terminology Relating to Amusement Rides and Devices*;

“**technical dossier**” means a manual with all documentation mentioned in section 13;

“**training and experience**” means the qualifications of contractors and their employees, established by bylaw pursuant to sections 7 and 30 of *The Technical Safety Authority of Saskatchewan Act* and published by the Technical Safety Authority of Saskatchewan with respect to the installation, operation, repair or maintenance of an amusement ride.

4 Aug 2017 cA-18.1 Reg 1 s2.

Application

3 The Act and these regulations do not apply to:

- (a) coin-operated amusement rides that are:
 - (i) on a non-moving base; and
 - (ii) designed to be operated without the assistance of an operator;
- (b) amusement rides for which passengers are not usually charged a fee;
- (c) amusement rides that are provided in any public park, playground or similar facility for children and that are operated by muscular power only;
- (d) devices within the scope of *The Passenger and Freight Elevator Act*;
- (e) devices within the scope of *The Swimming Pool Regulations, 1999*;
- (f) all vehicles not operated on a concession go-kart track;
- (g) air supported pillows that meet the following criteria:
 - (i) are less than 900 millimetres thick; and
 - (ii) do not have inflated walls;
- (h) air-supported structures that are buildings or that are used solely for advertising or spectator participation;
- (i) children’s play space and equipment within the scope of ASTM F191812 *Standard Safety Performance Specification for Soft Contained Play Equipment*;
- (j) devices within the scope of ASTM F2959-16 *Standard Practice for Aerial Adventure Courses*;
- (k) mechanical bulls and other rides designed to dismount the passenger during operation;
- (l) amusement devices operated at private dwellings, including the land on which the private dwellings are situated and used exclusively by the manager or occupants and their invited guests;
- (m) trampolines and trampoline facilities within the scope of ASTM F2970-15 *Standard Practice for Design, Manufacture, Installation, Operation, Maintenance, Inspection and Major Modification of Trampoline Courts*;
- (n) gravity or patron controlled non-mechanical spherical devices;
- (o) devices that use gravity as the motive force to move a passenger along a fixed or unfixed course;

- (p) amusement rides designed in accordance with ASTM F1159-16 *Standard Practice for Design of Amusement Rides and Devices that are Outside the Purview of Other F24 Design Standards*;
- (q) live animal rides; and
- (r) hot air balloons.

4 Aug 2017 cA-18.1 Reg 1 s3.

PART 2 Adopted Standards

Standard definitions

4 Subject to the Act and these regulations, words, symbols and abbreviations defined in the adopted standards apply to these regulations.

4 Aug 2017 cA-18.1 Reg 1 s4.

Adoption of standards

5(1) The following codes and standards are adopted:

- (a) ASTM F2783-14 *Standard Practice for Design, Manufacture, Operation, Maintenance and Inspection of Amusement Rides and Devices, in Canada as amended by Part 1 of the Appendix*;
- (b) ASTM F2291-15 *Standard Practice for Design of Amusement Rides and Devices*;
- (c) ASTM F1193-16 *Standard Practice for Quality, Manufacture and Construction of Amusement Rides and Devices*;
- (d) ASTM F770-15 *Standard Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices*;
- (e) ASTM F2007-12 *Standard Practice for Design, Manufacture, and Operation of Concession Go-Karts and Facilities*;
- (f) ASTM F2374-10 *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices*;
- (g) ASTM F2974-15 *Guide for Auditing Amusement Rides and Devices*;
- (h) ASTM F747-15 *Standard Terminology Relating to Amusement Rides and Devices*;
- (i) CSA W47.2-11(R2015) *Certification of Companies for Fusion Welding of Aluminum*.

(2) Compliance with a more recent standard than a standard adopted by these regulations does not mean non-compliance with the adopted standard unless:

- (a) a conflict or inconsistency between the more recent standard and the adopted standard exists or;
- (b) the chief inspector is of the opinion that the more recent standard does not protect the public interest.

(3) If there is a conflict or inconsistency between a provision of an adopted standard and the Act or these regulations, the provision of the Act or regulations prevails.

4 Aug 2017 cA-18.1 Reg 1 s5.

Compliance with standards

6(1) No person who inspects, installs, operates repairs or maintains an amusement ride governed by the Act shall fail to carry out that activity in accordance with any applicable adopted standard.

(2) Compliance with any adopted standard is required as though the provisions of that standard had been made pursuant to the Act.

4 Aug 2017 cA-18.1 Reg 1 s6.

Manager compliance

7 The manager shall ensure that:

(a) every amusement ride within the manager's control that is manufactured after the coming into force of these regulations meets the standards set out in any adopted standard;

(b) every activity with respect to an amusement ride that is required by an adopted standard to be carried out is carried out in accordance with the adopted standard; and

(c) every person employed to do any work in relation to an amusement ride within the manager's control:

(i) carries out any activity that is required by an adopted standard in accordance with the adopted standard;

(ii) possesses qualifications required by an adopted standard to carry out an activity mentioned in the adopted standards;

(iii) fulfils any duty imposed by an adopted standard on that person.

4 Aug 2017 cA-18.1 Reg 1 s7.

PART 3

Itinerant and Non-itinerant Amusement Rides

Classes of rides

8 The following classes of amusement rides are established:

(a) itinerant amusement rides, other than concession go-karts, consisting of:

(i) class A amusement rides;

(ii) class B amusement rides; and

(iii) class C amusement rides;

- (b) non-itinerant amusement rides, other than concession go-karts, consisting of:
 - (i) class A amusement rides;
 - (ii) class B amusement rides; and
 - (iii) class C amusement rides;
- (c) concession go-karts.

4 Aug 2017 cA-18.1 Reg 1 s8.

Licence re amusement ride

9 No person is to be issued a licence for an amusement ride unless, in addition to meeting any other requirements set out in the Act or these regulations:

- (a) the applicant satisfies the chief inspector that the contractor and the employees of the contractor who will carry out the work authorized by the licence have training and experience in the installation, operation, repair or maintenance of amusement rides;
- (b) the applicant has registered the design of the amusement ride pursuant to section 12;
- (c) the applicant has arranged for an initial inspection of the amusement ride pursuant to section 14 at least 7 days before the scheduled operation of the amusement ride;
- (d) in the case of non-itinerant amusement rides, the amusement ride has passed an initial inspection by an inspector.

4 Aug 2017 cA-18.1 Reg 1 s9.

Expiry of licences

10 Every licence issued pursuant to the Act expires on December 31 of the same year the licence was issued, unless otherwise stated in the licence.

4 Aug 2017 cA-18.1 Reg 1 s10.

Insurance

11 For the purposes of clause 13(1)(c) of the Act, the amount of liability insurance coverage to be held by an applicant for a licence is an amount not less than \$2,000,000.

4 Aug 2017 cA-18.1 Reg 1 s11.

Application for registration of design

12(1) An applicant for a licence for an amusement ride not previously approved and licensed for operation in Saskatchewan shall:

- (a) apply for registration of the design of the amusement ride in the form and manner provided by the chief inspector; and

- (b) file a technical dossier for the amusement ride with the chief inspector in accordance with section 13.
- (2) The design of the amusement ride and any major modifications to the amusement ride must comply with the applicable adopted standards.

4 Aug 2017 cA-18.1 Reg 1 s12.

Technical dossier

- 13** A technical dossier mentioned in clause 12(1)(b) must include copies of:
- (a) the manufacturer's drawings of the amusement ride and if applicable, the electrical and hydraulic schematics of the amusement ride;
 - (b) the manufacturer's instructions for the erection or assembly of the amusement ride;
 - (c) the manufacturer's maintenance manual for the amusement ride;
 - (d) the manufacturer's inspection manual for the amusement ride;
 - (e) the manufacturer's parts list for the amusement ride;
 - (f) any major modifications bulletins published by the manufacturer after the amusement ride was manufactured;
 - (g) the manufacturer's operating instruction document;
 - (h) operational testing and non-destructive testing requirements;
 - (i) the manufacturer's certification document for compliance to the applicable adopted standards; and
 - (j) any other manufacturer service and safety bulletins issued with respect to the amusement ride.

4 Aug 2017 cA-18.1 Reg 1 s13.

Initial inspection of an amusement ride

14 An applicant for a licence for an amusement ride shall arrange for the initial inspection of the amusement ride to be conducted by an inspector after the applicant has carried out a preliminary examination of the amusement ride and is satisfied that:

- (a) the amusement ride has been erected in accordance with the technical dossier filed pursuant to clause 12(1)(b);
- (b) all necessary work on the amusement ride has been completed; and
- (c) the amusement ride meets the requirements of the Act and these regulations.

4 Aug 2017 cA-18.1 Reg 1 s14.

Conditions re licence for an amusement ride

15 Every amusement ride licence is subject to the following conditions:

- (a) the manager shall keep a copy of the technical dossier at the location of the amusement ride;
- (b) the manager shall update the technical dossier to include all data respecting any major modification made to the amusement ride;
- (c) the manager shall not modify the amusement ride or cause it to be modified unless the manager has received written approval from the manufacturer to make the major modification; and
- (d) the manager shall register with the chief inspector a copy of the manufacturer's written approval mentioned in clause (c) for any major modification that is made to the amusement ride.

4 Aug 2017 cA-18.1 Reg 1 s15.

PART 4**Managers, Operators and Attendants****Duties of the manager, operator and attendant**

16 The manager, operator and attendant shall comply with the applicable adopted standards respecting:

- (a) owner/operator responsibility;
- (b) maintenance program requirements;
- (c) inspection program requirements;
- (d) classification of injuries and illnesses; and
- (e) information transferred with used amusement rides.

4 Aug 2017 cA-18.1 Reg 1 s16.

Minimum age

17 No person shall employ any person under the age of 16 as an operator or attendant.

4 Aug 2017 cA-18.1 Reg 1 s17.

PART 5**Installation, Operation, Repair and Maintenance****Conditions re installation, operation, repair and maintenance**

18 Every amusement ride licence is subject to the following conditions respecting installation, operation, repair and maintenance:

- (a) the manager shall ensure that amusement rides within his or her managerial control conform to the applicable adopted standards;

- (b) the manager shall employ only competent persons to perform any work of installation, repair or maintenance on the amusement ride;
- (c) the manager shall ensure that all parts of the amusement ride are:
 - (i) inspected, cleaned, lubricated and adjusted in accordance with the requirements of the original manufacturer; and
 - (ii) replaced or repaired if defective or broken;
- (d) the manager shall ensure that the quality of any replacement part used on the amusement ride is equivalent to or better than the original part supplied by the manufacturer of the amusement ride; and
- (e) the manager shall ensure that the amusement ride is not operated beyond its maximum capacity as determined by:
 - (i) an inspector, pursuant to section 21; or
 - (ii) in any other case, the manufacturer.

4 Aug 2017 cA-18.1 Reg 1 s18.

Restrictions on working with or around amusement rides

19 No person shall undertake any work on an amusement ride that is beyond the scope of the person's training or experience.

4 Aug 2017 cA-18.1 Reg 1 s19.

Determining frequency of maintenance

20 The frequency and methods of maintenance of an amusement ride are to be determined by the manufacturer on the basis of:

- (a) the design and workmanship of the amusement ride;
- (b) the inherent qualities of the materials used in the amusement ride;
- (c) the recommendations of the manufacturer of the amusement ride or an agent of the manufacturer; and
- (c) the frequency and method of usage of the amusement ride.

4 Aug 2017 cA-18.1 Reg 1 s20.

Maximum capacity

21 An inspector may determine a new rated capacity for an amusement ride if, in the course of an inspection, the maximum capacity of an amusement ride determined by the manufacturer is inappropriate by reason of the condition of the amusement ride at the time of inspection.

4 Aug 2017 cA-18.1 Reg 1 s21.

Log book

- 22(1)** Every manager shall ensure that a logbook is kept in accordance with this section for each amusement ride that is within the manager's control.
- (2) A logbook kept pursuant to subsection (1) must contain:
- (a) daily operating records with respect to the amusement ride, including all data concerning incidents and accidents involving the amusement ride;
 - (b) repair and maintenance records with respect to the amusement ride, including all data concerning major modifications carried out on the amusement ride; and
 - (c) a record of each test and inspection carried out on the amusement ride.
- (3) Each record mentioned in clause (2)(c) is to be signed by the person performing the test or inspection or the supervisor of the person performing the test or inspection attesting to the carrying out of the test or inspection.
- (4) The manager shall ensure that a logbook kept pursuant to subsection (1) is kept:
- (a) at the location of the amusement ride to which it relates; and
 - (b) for a period of at least 4 years from the date of the last entry in the logbook.

4 Aug 2017 cA-18.1 Reg 1 s22.

PART 6
Amusement Ride Construction

Construction

- 23** A manager shall ensure, with respect to each amusement ride within the manager's control, that:
- (a) the amusement ride is constructed and installed to safely withstand:
 - (i) operation at its rated capacity; and
 - (ii) any stresses that it may be subjected to;
 - (b) all structures used in connection with the amusement ride are designed and constructed to safely carry any loads that those structures may be subjected to; and
 - (c) before the amusement ride is used by a passenger, the amusement ride and any structures used in connection with the amusement ride are:
 - (i) erected; or
 - (ii) secured with blocking, cribbing, outriggers, guys or other means so as to be stable under all operating and climatic conditions.

4 Aug 2017 cA-18.1 Reg 1 s23.

Guards

- 24** The manager shall ensure that every mounting, drive mechanism, structure or other component of an amusement ride that may entangle any part of a passenger or the clothing of a passenger is guarded to prevent injury to a passenger.

4 Aug 2017 cA-18.1 Reg 1 s24.

Fencing, guardrails, and gates for amusement rides

25(1) The manager shall provide:

- (a) fencing that is designed and manufactured to provide protection to spectators or patrons and that is constructed to meet the minimum requirements set out in the applicable adopted standards; or
 - (b) guardrails that are designed and manufactured to inhibit falls from elevations in primary circulation areas for patrons, and that are constructed to meet the minimum requirements set out in the applicable adopted standards.
- (2) If the presence of a crowd of people may constitute a hazard to the safe operation of an amusement ride, the manager shall provide fencing for crowd control or to control access to the amusement ride, as the circumstances may require.
- (3) The manager shall provide gates designed to the applicable adopted standards at each opening to an amusement ride that provides access to or exit from the amusement ride for the public with a means of preventing persons from entering the amusement ride inadvertently.

4 Aug 2017 cA-18.1 Reg 1 s25.

Clearances

26 Clearances to amusement rides must meet the requirements of the applicable adopted standards.

4 Aug 2017 cA-18.1 Reg 1 s26.

Passenger restraining devices

27 If a passenger restraining device is provided on an amusement ride, the manager shall ensure that the device will prevent a passenger from being accidentally or inadvertently dislodged from the passenger seat during both the normal operation of the amusement ride and emergency stopping.

4 Aug 2017 cA-18.1 Reg 1 s27.

Dark rides

28 In the case of an amusement ride in which darkness is an integral feature of the amusement ride, the manager shall provide:

- (a) permanent fixed lighting that:
 - (i) is sufficient to permit safe evacuation of the amusement ride; and
 - (ii) can be manually activated by the operator from the entrance for use in an emergency; and
- (b) a smoke detector that is connected to an alarm system.

4 Aug 2017 cA-18.1 Reg 1 s28.

PART 7

Concession Go-karts, Go-kart Tracks and Inflatable Amusement Rides**Go-karts and go-kart tracks**

29(1) The design, operation and maintenance of every concession go-kart and concession go-kart track must conform to the standards provided in the applicable adopted standards.

(2) Every concession go-kart and concession go-kart track is subject to the following:

(a) the speed of every concession go-kart is inherently limited to a maximum speed of 45 kilometres per hour;

(b) no person shall drive a concession go-kart unless the person is wearing an approved and certified motorcycle helmet.

4 Aug 2017 cA-18.1 Reg 1 s20.

Inflatable amusement rides

30 The owner/operator of an inflatable amusement ride shall ensure that the design, operation and maintenance of the amusement ride complies with the applicable adopted standards.

4 Aug 2017 cA-18.1 Reg 1 s30.

PART 8

Repeal, Transitional and Coming into Force**RRS c A-18.2 Reg 1 repealed**

31 *The Amusement Ride Safety Regulations* are repealed.

4 Aug 2017 cA-18.1 Reg 1 s31.

Transitional

32 Any amusement ride licence that was issued pursuant to *The Amusement Ride Safety Regulations* and that was in force on the day before the coming into force of these regulations is continued pursuant to these regulations, subject to the terms and conditions pursuant to which it was issued, and may be dealt with as if it were a licence issued pursuant to these regulations.

4 Aug 2017 cA-18.1 Reg 1 s32.

Coming into force

33(1) Subject to subsection (2), these regulations come into force on January 1, 2018.

(2) If these regulations are filed after January 1, 2018, these regulations come into force on the day on which they are filed with the Registrar of Regulations.

4 Aug 2017 cA-18.1 Reg 1 s33.

Appendix**PART 1****Amendments to ASTM F2783-14 *Standard Practice for Design, Manufacture, Operation, Maintenance and Inspection of Amusement Rides and Devices, in Canada****[Clause 5(1)(a)]***Introduction of ASTM F2783-14 amended**

1 The introduction of ASTM F2783-14 *Standard Practice for Design, Manufacture, Operation, Maintenance and Inspection of Amusement Rides and Devices, in Canada* is amended:

- (a) by striking out “2.1” and substituting “2.2”;**
- (b) by striking out “2.2” and substituting “2.3”;**
- (c) by striking out “2.3” and substituting “2.4”; and**
- (d) by striking out “Section 2.4 listing of Unclassified Amusement Rides and Devices Standards captures general essential safety requirements for new amusement rides or devices that have yet to be regulated but have recently appeared within the public domain for use in conjunction with Core Standards and Supporting Standards”.**

4 Aug 2017 cA18-1 Reg 1.

