



Province of Alberta

SAFETY CODES ACT

AMUSEMENT RIDES STANDARDS REGULATION

Alberta Regulation 223/2001

With amendments up to and including Alberta Regulation 200/2019

Current as of December 6, 2019

Office Consolidation

© Published by Alberta Queen's Printer

Alberta Queen's Printer
7th Floor, Park Plaza
10611 - 98 Avenue
Edmonton, AB T5K 2P7
Phone: 780-427-4952
Fax: 780-452-0668

E-mail: qp@gov.ab.ca
Shop on-line at www.qp.alberta.ca

Copyright and Permission Statement

Alberta Queen's Printer holds copyright on behalf of the Government of Alberta in right of Her Majesty the Queen for all Government of Alberta legislation. Alberta Queen's Printer permits any person to reproduce Alberta's statutes and regulations without seeking permission and without charge, provided due diligence is exercised to ensure the accuracy of the materials produced, and Crown copyright is acknowledged in the following format:

© Alberta Queen's Printer, 20__.*

*The year of first publication of the legal materials is to be completed.

Note

All persons making use of this consolidation are reminded that it has no legislative sanction, that amendments have been embodied for convenience of reference only. The official Statutes and Regulations should be consulted for all purposes of interpreting and applying the law.

(Consolidated up to 200/2019)

ALBERTA REGULATION 223/2001

Safety Codes Act

AMUSEMENT RIDES STANDARDS REGULATION

Table of Contents

- 1 Interpretation
- 2 Codes and standards
- 3.1 Metal defects
- 4 Disclaimer
- 5 Repeal
- 7 Coming into force

Interpretation

1(1) In this regulation,

- (a) “critical component” means a component or system of components the failure of which would pose a threat to the safe operation or condition of an amusement ride or device;
- (b) “metal defect” means a worn, damaged or defective metal object or component the failure of which may result in the unsafe operation or condition of an amusement ride or device, and includes an object or component that is bent, corroded, dented or cracked.

(2) Words and phrases in this regulation have the meaning given to them by the Code declared in force by this regulation.

AR 223/2001 s1;180/2012

Codes and standards

2(1) Except as provided in this section, the ASTM F2783-17, Standard Practice for Design, Manufacture, Operation, Maintenance, and Inspection of Amusement Rides and Devices, in Canada, published by the American Society for Testing and Materials International is declared in force as amended or replaced from time to time.

(2) Section 2.4, Standards for Specific Classification of Amusement Rides and Devices, is not declared in force but the

following standards referenced in section 2.4 are declared in force as amended or replaced from time to time:

- (a) ASTM F2374-07a, Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices;
- (b) ASTM F2959-18, Standard Practice for Aerial Adventure Courses, for zip lines only.

AR 223/2001 s2;32/2005;180/2012;206/2016;200/2019

3 Repealed AR 206/2016 s3.

Metal defects

3.1(1) Despite section 2, this section applies following the observation of a metal defect, whether through the maintenance, inspection, testing, operation and emergency procedures referred to in F1193 Standard Practice for Quality, Manufacture and Construction of Amusement Rides and Devices, or otherwise.

(2) If a metal defect is observed in a critical component of an amusement ride or device, the ride or device shall be removed from service.

(3) The ride or device may be returned to service only if the following are completed and documented, indicating that the metal defect is not critical to the safe operation of an amusement ride or device:

- (a) an assessment by the original manufacturer or a professional engineer to determine whether the metal defect is critical to the safe operation of the ride or device;
- (b) Non-destructive testing in accordance with F1193 Standard Practice for Quality, Manufacture and Construction of Amusement Rides and Devices.

(4) Repealed AR 206/2016 s4.

(5) If the assessment or non-destructive testing referred to in subsection (3) indicate that the metal defect is critical to the safe operation of an amusement ride or device,

- (a) the ride or device shall remain out of service,
- (b) all similar objects or components of the ride or device shall be subject to the assessment and non-destructive testing required by subsection (3),

- (c) all connected objects or components of the ride or device shall be subject to the assessment and non-destructive testing required by subsection (3), and
 - (d) the original manufacturer or a professional engineer must directly supervise the repair or replacement of all defects critical to the safe operation of the ride or device and document the following on completion:
 - (i) that the former metal defect no longer poses a risk to the safe operation of an amusement ride or device;
 - (ii) that a non-destructive testing protocol to ensure the structural integrity of the critical object or component on an ongoing basis has been provided to the owner, in writing.
- (6)** After the requirements set out in subsection (5) have been satisfied,
- (a) the amusement ride or device may be returned to service, and
 - (b) the owner must supervise and document the actions taken in implementing the non-destructive testing protocol established in accordance with subsection (5)(d)(ii).
- (7)** All documents verifying that the actions referred to in this section have been properly implemented, consistent with the safe operation of an amusement ride or device, must
- (a) be complete and current,
 - (b) be maintained on site with the ride or device, and
 - (c) include,
 - (i) the legibly printed name of each individual involved, with an identification of the company, if any, that individual works for or represents,
 - (ii) the actions taken, tasks completed or outcomes verified by the individual,
 - (iii) the individual's credentials or other proof of competency, and
 - (iv) the individual's signature and the date.

AR 180/2012 s4:206/2016

Disclaimer

4 The Code declared in force in this Regulation, and any standards referenced in the Code, do not make or imply any assurance or guarantee by the Crown with respect to the durability, operating performance or life expectancy of equipment and materials referenced in the Code or Standard.

Repeal

5 The *Amusement Ride Standards Regulation* (AR 214/97) is repealed.

6 Repealed AR 180/2012 s5.

Coming into force

7 This Regulation comes into force on January 1, 2002.



Printed on Recycled Paper 