

TITLE 685 REGULATED AMUSEMENT DEVICE SAFETY BOARD**Proposed Rule**
LSA Document #09-147

DIGEST

Amends [685 IAC 1-1-1](#), [685 IAC 1-2-1](#), [685 IAC 1-2-2](#), [685 IAC 1-2-3](#), [685 IAC 1-2-4](#), [685 IAC 1-2-5](#), [685 IAC 1-2-6](#), [685 IAC 1-2-7](#), [685 IAC 1-2-8](#), [685 IAC 1-2-9](#), [685 IAC 1-2-10](#), [685 IAC 1-2-11](#), [685 IAC 1-3-2](#), [685 IAC 1-3-3](#), [685 IAC 1-3-4](#), [685 IAC 1-3-6](#), [685 IAC 1-3-7](#), [685 IAC 1-3-8](#), [685 IAC 1-3-11](#), [685 IAC 1-3-12](#), [685 IAC 1-3-15](#), [685 IAC 1-3-17](#), [685 IAC 1-3-18](#), [685 IAC 1-3-20](#), [685 IAC 1-3-21](#), [685 IAC 1-3-26](#), [685 IAC 1-3-27](#), [685 IAC 1-3-28](#), [685 IAC 1-3-30](#), [685 IAC 1-3-35](#), [685 IAC 1-3-36](#), [685 IAC 1-3-43](#), [685 IAC 1-4-1](#), [685 IAC 1-4-3](#), [685 IAC 1-4-5](#), [685 IAC 1-4-6](#), [685 IAC 1-4-7](#), [685 IAC 1-4-8](#), [685 IAC 1-4-9](#), [685 IAC 1-4-10](#), [685 IAC 1-4-11](#), [685 IAC 1-4-12](#), [685 IAC 1-4-13](#), [685 IAC 1-5-2](#), [685 IAC 1-5-5](#), [685 IAC 1-5-6](#), [685 IAC 1-5-9](#), [685 IAC 1-5-15](#), [685 IAC 1-5-20](#), [685 IAC 1-5-28](#), [685 IAC 1-5-29](#), [685 IAC 1-5-31](#), [685 IAC 1-5-34](#), [685 IAC 1-5-35](#), and [685 IAC 1-5-36](#) and adds [685 IAC 1-3-12.2](#), [685 IAC 1-3-12.7](#), [685 IAC 1-3-13.5](#), [685 IAC 1-3-34.1](#), [685 IAC 1-3-42.1](#), and [685 IAC 1-6](#) to update standards, amend definitions, revise administrative provisions and technical requirements, and correct typographical errors. Repeals [685 IAC 1-3-9](#), [685 IAC 1-3-10](#), [685 IAC 1-3-14](#), [685 IAC 1-3-16](#), [685 IAC 1-3-22](#), [685 IAC 1-3-24](#), [685 IAC 1-3-25](#), [685 IAC 1-3-33](#), [685 IAC 1-3-34](#), [685 IAC 1-3-42](#), [685 IAC 1-4-2](#), and [685 IAC 1-4-4](#). Effective 30 days after filing with the Publisher.

[685 IAC 1-1-1](#); [685 IAC 1-2-1](#); [685 IAC 1-2-2](#); [685 IAC 1-2-3](#); [685 IAC 1-2-4](#); [685 IAC 1-2-5](#); [685 IAC 1-2-6](#); [685 IAC 1-2-7](#); [685 IAC 1-2-8](#); [685 IAC 1-2-9](#); [685 IAC 1-2-10](#); [685 IAC 1-2-11](#); [685 IAC 1-3-2](#); [685 IAC 1-3-3](#); [685 IAC 1-3-4](#); [685 IAC 1-3-6](#); [685 IAC 1-3-7](#); [685 IAC 1-3-8](#); [685 IAC 1-3-9](#); [685 IAC 1-3-10](#); [685 IAC 1-3-11](#); [685 IAC 1-3-12](#); [685 IAC 1-3-12.2](#); [685 IAC 1-3-12.7](#); [685 IAC 1-3-13.5](#); [685 IAC 1-3-14](#); [685 IAC 1-3-15](#); [685 IAC 1-3-16](#); [685 IAC 1-3-17](#); [685 IAC 1-3-18](#); [685 IAC 1-3-20](#); [685 IAC 1-3-21](#); [685 IAC 1-3-22](#); [685 IAC 1-3-24](#); [685 IAC 1-3-25](#); [685 IAC 1-3-26](#); [685 IAC 1-3-27](#); [685 IAC 1-3-28](#); [685 IAC 1-3-30](#); [685 IAC 1-3-33](#); [685 IAC 1-3-34](#); [685 IAC 1-3-34.1](#); [685 IAC 1-3-35](#); [685 IAC 1-3-36](#); [685 IAC 1-3-42](#); [685 IAC 1-3-42.1](#); [685 IAC 1-3-43](#); [685 IAC 1-4-1](#); [685 IAC 1-4-2](#); [685 IAC 1-4-3](#); [685 IAC 1-4-4](#); [685 IAC 1-4-5](#); [685 IAC 1-4-6](#); [685 IAC 1-4-7](#); [685 IAC 1-4-8](#); [685 IAC 1-4-9](#); [685 IAC 1-4-10](#); [685 IAC 1-4-11](#); [685 IAC 1-4-12](#); [685 IAC 1-4-13](#); [685 IAC 1-5-2](#); [685 IAC 1-5-5](#); [685 IAC 1-5-6](#); [685 IAC 1-5-9](#); [685 IAC 1-5-15](#); [685 IAC 1-5-20](#); [685 IAC 1-5-28](#); [685 IAC 1-5-29](#); [685 IAC 1-5-31](#); [685 IAC 1-5-34](#); [685 IAC 1-5-35](#); [685 IAC 1-5-36](#); [685 IAC 1-6](#)

SECTION 1. [685 IAC 1-1-1](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-1-1](#) Title; purpose; availability**Authority:** [IC 22-13-2-8](#)**Affected:** [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 1. (a) This article shall be:

- (1) known as the Indiana **regulated** amusement device code; and ~~shall be~~
- (2) published by the ~~fire and building services department~~ **division**;

for general use and distribution under that title. Whenever the term "this code" is used throughout this article, it shall mean the Indiana **regulated** amusement device code.

(b) The purpose of this article is to:

- (1) establish and provide for the administration of an inspection program to regulate amusement devices; and
- (2) set minimum standards in order to secure public safety, health, and general welfare through structural strength, stability, and safety incidental to the:
 - (A) installation;
 - (B) alteration;
 - (C) repair; and
 - (D) removal; and
 - (E) operation;of **regulated** amusement devices.

(c) This article is available for purchase from the ~~Fire and Building Services Department~~, 402 West Washington Street, Room E241, Indianapolis, Indiana 46204. **at**

(Regulated Amusement Device Safety Board; [685 IAC 1-1-1](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 2. [685 IAC 1-2-1](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-1](#) General

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 1. (a) This rule incorporates by reference documents that establish the technical specifications for regulated amusement devices. Further requirements are found at [685 IAC 1-5](#).

(b) **Regulated** amusement devices manufactured before July 1, 1998, shall:

(1) be exempt from the requirements for new construction placed on manufacturers by IAC ~~[685 IAC 1-2-2](#)~~ through ~~[685 IAC 1-2-9](#)~~. Amusement devices manufactured prior to July 1, 1998, shall **sections 2 through 9 of this rule; and**

(2) meet the requirements of [685 IAC 1-5-2](#) and all other requirements of this rule, including **the following:**

- (A) Owners' requirements.
- (B) Maintenance requirements.
- (C) Operational requirements. ~~and~~
- (D) Inspection requirements.

(c) **Regulated amusement devices manufactured between July 1 and the effective date of this rule shall comply with the requirements for new construction placed on manufacturers that existed in the board's rules on the date the regulated amusement device was constructed. In addition, such regulated amusement devices shall meet the requirements of [685 IAC 1-5-2](#) and all other requirements of this rule, including the following:**

- (1) Owners' requirements.
- (2) Maintenance requirements.
- (3) Operational requirements.
- (4) Inspection requirements.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-1](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 3. [685 IAC 1-2-2](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-2](#) Standard specification for physical information to be provided for amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 2. That certain document being titled Standard Specification for Physical Information to be Provided for Amusement Rides and Devices, 1994 edition approved July 15, 1994, published September 1994 (ASTM F 698-94), **reapproved in 2000 (ASTM F698-94(2000))**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article. ~~save and except for these revisions made in this section.~~

(Regulated Amusement Device Safety Board; [685 IAC 1-2-2](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 4. [685 IAC 1-2-3](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-2-3 Standard terminology relating to amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 3. That certain document being titled Standard Terminology Relating to Amusement Rides and Devices, 1995 ~~2006~~ edition approved April 15, 1995, published June 1995 (ASTM F 747-95), **February 1, 2006 (ASTM F747-06)**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this rule. ~~save and except those revisions made in this section.~~ See [685 IAC 1-3-1](#)(b).

(Regulated Amusement Device Safety Board; [685 IAC 1-2-3](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 5. [685 IAC 1-2-4](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-2-4 Standard practice for operation procedures for amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7-8](#)

Sec. 4. (a) That certain document being titled Standard Practice for **Ownership and Operation Procedures for** Amusement Rides and Devices, 1993 ~~2006~~ edition approved Dec. 15, 1993, **October 15, 2006**, published February 1994 (ASTM F 770-93) **November 2006 (ASTM F770-06a)**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

~~(c) In subsection 3 add a first sentence to read: If a manufacturer hasn't performed the manufacturer's responsibilities, that may be a basis to not issue a regulated amusement device operating permit.~~

~~(d)~~ **(c)** Delete subsections 4.2 and 4.2.1 in their entirety and substitute, for subsection 4.2, to read as follows: Owner/operator responsibilities are set forth at [IC 22-15-7-8](#)(b).

~~(e)~~ **(d)** Change subsection 4.3.1 to read as follows: If required by the manufacturer, signs to display patron instructions or requirements, or both, for use of the amusement ride or device shall be posted at the waiting/loading area and shall include height requirements, if any.

~~(f)~~ **(e)** Delete subsection 4.3.2 in its entirety.

(f) Add a new subsection 4.5 to read as follows: **The operator of each amusement ride or device shall be able to converse in the English language sufficiently to be able to communicate emergency and operating instructions to patrons.**

(g) Delete subsection 5.1 without substitution.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-4](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 6. [685 IAC 1-2-5](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-2-5 Standard guide for testing performance of amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 5. (a) That certain document being titled Standard Guide for Testing Performance of Amusement Rides and Devices, 1992 **2003** edition approved ~~May 15, 1992, published July 1992 (ASTM F 846-92)~~, **October 1, 2003 (ASTM F846-92(2003))**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

(c) Delete subsection 2 in its entirety.

(d) In the first sentence of subsection 5.1, delete "Where applicable as determined by the manufacturer/designer,".

(e) Delete subsection 5.1.1.4 in its entirety.

(f) In subsection 6.1.2, delete the last sentence without substitution.

(g) Delete subsection 6.1.3 in its entirety.

(h) In subsection 7.2, ~~change delete~~ "should" ~~to read~~ **and insert** "shall".

(i) In subsection 7.2.2, ~~change delete~~ "must" ~~to read~~ **and insert** "shall".

(j) Delete subsection 7.2.3 in its entirety.

(k) In subsection 8.1, ~~change delete~~ "qualified" ~~to read~~ **and insert** "Level II or III".

(l) Change subsection 8.1.8 to read as follows: Following a request by an owner/operator or inspector, the manufacturer of an amusement ride or device whose manual does not contain testing recommendations shall either provide a component listing or statement that no nondestructive testing is recommended on the ride or device as per the criteria outlined in 8.1.2.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-5](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2971; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 7. [685 IAC 1-2-6](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-6](#) Standard practice for maintenance procedures for amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 6. (a) That certain document being titled Standard Practice for Maintenance Procedures for Amusement Rides and Devices, 1993 **2005** edition approved ~~January 15, 1993, published March 1993 (ASTM F 853-93)~~, **August 15, 2005 (ASTM F853-05)**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

(c) Delete subsection 2 in its entirety.

(d) In subsection 4, add a first sentence to read as follows: If a manufacturer ~~hasn't performed~~ **has failed to perform** the manufacturer's responsibilities, ~~that the failure~~ may be a basis to not issue a regulated amusement device operating permit.

(e) Change subsection 4.1.5.3 to read as follows: Appropriate nondestructive testing, along with specified acceptance criteria, including frequency and the special parts or areas to be tested.

(f) In subsection 4.1.6, delete "where applicable" and "If" without substitution.

(g) In subsection 4.1.7, delete "where applicable" without substitution.

(h) In subsection 4.1.13, delete "known to the manufacturer and" without substitution.

(i) In subsection 4.1.14.2, delete "reasonable," and substitute "specific" and delete ~~the word~~ "ethical".

(Regulated Amusement Device Safety Board; [685 IAC 1-2-6](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2971; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 8. [685 IAC 1-2-7](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-7](#) Standard guide for inspection of amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 7. (a) That certain document being titled Standard Guide for Inspection of Amusement Rides and Devices, 1987 **2005** edition approved ~~May 29, 1987, published July 1987 (ASTM F 893-87),~~ **December 1, 2005 (ASTM F893-05a)**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

(c) Delete subsection 2 in its entirety.

~~(d) In section 5.1, add a first sentence to read: If a manufacturer hasn't performed the manufacturer's responsibilities, that may be a basis to not issue a regulated amusement device operating permit.~~

~~(e)~~ **(d)** Change subsection 4.1 to read as follows: The purpose of this guide is to delineate information and recommend inspections for amusement rides and devices between the manufacturer and owner, which inspections are not those required by [685 IAC 1-4-6](#), [685 IAC 1-4-8](#), and [685 IAC 1-4-11](#) through [685 IAC 1-4-13](#).

(e) In section 5.1, add a first sentence to read as follows: If a manufacturer has failed to perform the manufacturer's responsibilities, the failure may be a basis to not issue a regulated amusement device operating permit.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-7](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2972; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 9. [685 IAC 1-2-8](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-8](#) Standard practice for the design of amusement rides and devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 8. (a) That certain document being titled Standard Practice for the Design and Manufacture of Amusement Rides and Devices, 1994 2006 edition approved April 15, 1994, published June 1994 (ASTM F 1459-94); 1, 2006 (ASTM F2291-06a), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete In subsection 4.2 in its entirety. 1.2.1, delete "bumper cars".

(c) Delete subsection Section 2 in its entirety.

(d) Delete Section 3: 4, Significance and Use, in its entirety.

(e) Change subsection 7.1 to read as follows: Where applicable, design metal structures in accordance with [675 IAC 13](#), the building rules of the Indiana fire prevention and building safety commission.

(f) In subsection 7.1.1, delete "the AISC Manual of Steel Construction" and substitute "[675 IAC 13](#)".

(g) Change subsection 7.2 to read as follows: Design timber structures in accordance with [675 IAC 13](#).

(h) Change subsection 7.3 to read as follows: Welding and welding procedures shall be performed by welders certified by the American Welding Society.

(i) Change subsection 8.1 to read as follows: Design, manufacture, and install electrical components in accordance with the Indiana Electrical Code, [675 IAC 17](#).

(j) Change subsection 10.2 to read as follows: Pneumatic storage tanks shall conform to [680 IAC 2](#).

(k) Change subsection 10.6 to read as follows: The pneumatic system shall include components to provide lubrication and moisture extraction as indicated by the design.

(l) Change subsection 10.7 to read as follows: As indicated by the design, provisions shall be made for dumping accumulator tanks when systems are shut down.

(m) In subsection 12.1, delete "designer's" without substitution.

(n) Change subsection 12.3 to read as follows: Operator monitored braking systems designed to be normally activated in the absence of the operator shall be indicated by the design as appropriate.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-8](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2972; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 10. [685 IAC 1-2-9](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-9](#) Standard practice for an amusement ride and device manufacturer quality assurance program

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 9. (a) That certain document being titled Standard Practice for an **Quality, Manufacture, and Construction of Amusement Ride Rides and Device Manufacturer Quality Assurance Program, 1995, Devices, 2006** edition approved January 15, 1995 published March 1995 (ASTM F 1193-95), **1, 2006 (ASTM F1193-06)**, published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

(c) Delete subsection **Section 2** in its entirety.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-9](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2972; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 11. [685 IAC 1-2-10](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-10](#) Standard guide for the classification of amusement ride and device related injuries and illnesses

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 10. (a) That certain document being titled Standard Guide for the Classification of Amusement Ride and Device Related Injuries and Illnesses, 1994 edition, approved April 15, 1994, **reapproved 2002**, published June 1994 (ASTM F 1305-94 **(2002)**), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, **ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959**, is hereby adopted by reference as if fully set out in this article save and except those revisions made in this section.

(b) Delete subsection 1.2 in its entirety.

(c) In subsection 2.1.1, delete "personal" without substitution **and** delete "a personal" and substitute **insert "an"**.

(d) In subsection 2.1.1, add subsection 2.1.5 to read as follows: 2.1.5 Should/May - means shall.

(e) In subsection 4.1, delete "as deemed appropriate" without substitution.

(Regulated Amusement Device Safety Board; [685 IAC 1-2-10](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2973; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 12. [685 IAC 1-2-11](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-2-11](#) Standard for passenger tramways-aerial tramways and lifts, surface lifts, and tows

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 11. (a) That certain document being titled the American National Standard for Passenger Tramways-Aerial **Ropeways-Aerial** Tramways, and **Aerial** Lifts, Surface Lifts, and Tows **and Conveyors** - Safety Requirements, 1992 **2006** edition (ANSI B77.1, 1992), **2006**), published by the American National Standards Institute, 1430 Broadway, New York, New York 10018, **1819 L Street NW, Sixth floor, Washington, D.C. 20036**, be and the same is hereby adopted by reference as if fully set out in this article, save and except those revisions

made in this section.

(b) Delete subsection 1.3 in its entirety.

(c) In subsection ~~1.4.5~~, **1.4**, "Authority having jurisdiction" means the ~~state building commissioner~~. **division**.

(d) Delete section 8 in its entirety and substitute the following: 8. Referenced Standards. When any of the following standards are referenced within this standard (ANSI B77.1, ~~1992~~ **2006**), they shall not be considered as adopted by reference but rather shall be treated as nationally accepted ~~practice~~ **practices** in accordance with this section for guidance only and are not enforceable.

8.1 Adopted Rules of the Regulated Amusement Device Safety Board

8.1.1 Whenever reference is made to American National Standard Flammable and Combustible Liquids Code, NFPA 30 within this standard (ANSI B 77.1, ~~1992~~, ~~such~~ **2006**), ~~the~~ reference is deleted and the Indiana Fire Code ([675 IAC 22](#)), a rule of the Indiana fire prevention and building safety commission, is substituted **therefor**.

8.1.2 Whenever reference is made to American National Standard for Storage and Handling of Liquefied Petroleum Gases, NFPA 58 within this standard (ANSI B77.1, ~~1992~~, ~~such~~ **2006**), ~~the~~ reference is deleted and ~~the Indiana Fire Code ([675 IAC 22](#))~~, [675 IAC 28-1-22](#), a rule of the Indiana fire prevention and building safety commission, is substituted therefor.

8.1.3 Whenever reference is made to ~~American National Standard~~ **Fire Protection Association** National Electrical Code, NFPA 70 within this standard (ANSI B 77.1, ~~1992~~, ~~such~~ **2006**), ~~the~~ reference is deleted and the Indiana Electrical Code ([675 IAC 17](#)), a rule of the Indiana fire prevention and building safety commission, is substituted therefor.

8.2 Nationally Accepted Practice

8.2.1 Whenever reference is made to any of the following standards within this standard (ANSI B77.1, ~~1992~~, ~~such~~ **2006**), it shall be considered only as a nationally accepted practice:

American National Standard Safety Standard for Mechanical Power Transmission Apparatus, ANSI B15.1

American National Standard National Electric Safety Code, ANSI C2

American National Standard for Wire Rope Mines, ANSI M11.1

American National Standard for Stationary Combustion Engines and Gas Turbines, ANSI/NFPA 37

American National Standard Lighting Protection Code, ANSI/NFPA 78

American Gear Manufacturers Association

AGMA Surface Durability (Pitting) of Spur Gear Teeth, AGMA 210.02

AGMA Surface Durability (Pitting) Formulas for Straight Bevel and Zerol Bevel Gear Teeth, AGMA 210.02

AGMA Information Sheet for Surface Durability (Pitting) of Spur, Helical, Herringbone and Bevel Gear Teeth, AGMA 215.01

AGMA Design Practice Rating for Surface Durability of Spiral Bevel Gears for Enclosed Drives, AGMA 216.01A

AGMA Rating the Strength of Spur Gear Teeth, AGMA 220.02

AGMA Rating the Strength of Helical and Herringbone Gear Teeth, AGMA 221.02

AGMA Rating the Strength of Straight Bevel and Zerol Bevel Gear Teeth, AGMA 222.02

AGMA Rating the Strength of Spiral Bevel Gears for Enclosed Drives, AGMA 223.01A

AGMA Practice of Enclosed Speed Reducers or Increases Using Spur, Helical, Herringbone and Spiral Bevel Gears, AGMA 420.04

AGMA Practice for Gearmotors Using Spur, Helical, Herringbone and Spiral Bevel Gears, AGMA 460.05

AGMA Practice for Spur, Helical and Herringbone Gear Shaft-Mounted Speed Reducers, AGMA 480.06

American Petroleum Institute API-RP9B

(Regulated Amusement Device Safety Board; [685 IAC 1-2-11](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2973; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 13. [685 IAC 1-3-2](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-2](#) "Accepted engineering practice" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 2. "Accepted engineering practice" means as set forth in ASTM F 747-95, that which **practice that** conforms to accepted principles, tests, or standards of nationally recognized technical or scientific authorities.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-2](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 14. [685 IAC 1-3-3](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-3](#) "Air-supported structure" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 3. "Air-supported structure" means as set forth in ASTM F 747-95, an amusement device that incorporates a structural and mechanical system and employs a high-strength fabric or film that achieves its strength, shape, and stability by pretensioning with internal air pressure, all of which are intended to provide an enclosed area for the self enjoyment of those so confined within.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-3](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 15. [685 IAC 1-3-4](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-4](#) "Amusement device" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-12-19.1](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 4. "Amusement device" means a regulated amusement device ~~designed to carry or convey one (1) or more persons in one (1) or more planes or degrees of motion for the purpose of amusement, recreation, or entertainment. The as that~~ term includes the following:

- ~~(1) An amusement ride.~~
- ~~(2) A ski lift.~~
- ~~(3) A passenger tramway.~~
- ~~(4) An aerial tramway or lift.~~
- ~~(5) A surface lift or tow.~~

The term does not include a passenger-operated device or an inflatable amusement chamber. **is defined in [IC 22-12-19.1](#).**

(Regulated Amusement Device Safety Board; [685 IAC 1-3-4](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 16. [685 IAC 1-3-6](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-6](#) "Approved" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 6. "Approved" means acceptable to the ~~office of the state building commissioner or~~ **division** by one (1) of the following methods:

- (1) Investigation or tests conducted by:
 - (A)** recognized authorities; **or**
 - ~~(2) Investigation or tests conducted by~~ **(B)** technical or scientific organizations.
- ~~(3)~~ **(2)** Accepted principles.

The investigation, tests, or principles shall establish that the materials, equipment, products, and construction are safe for their intended purposes.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-6](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 17. [685 IAC 1-3-7](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-7](#) "Carnival" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 7. "Carnival" means as set forth in ASTM F 747-95, a mobile enterprise principally devoted to offering amusement or entertainment to the public in, upon, or by means of portable amusement rides or devices or temporary structures in any number or combination, whether or not associated with other structures or forms of public attraction.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-7](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 18. [685 IAC 1-3-8](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-8](#) "Circular ride" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 8. "Circular ride" means as set forth in ASTM F 747-95, an amusement ride whose motion is primarily rotary in a fixed or variable plane from horizontal to forty-five (45) degrees above horizontal.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-8](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 19. [685 IAC 1-3-11](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-11](#) "Control access system" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 11. "Control access system" means as set forth in ASTM F 747-95, a device, barrier, or mechanism that prohibits unauthorized activation of a ride or device control system.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-11](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 20. [685 IAC 1-3-12](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-12](#) "Convey" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 12. "Convey" means to bear, **except for a slide**, under power from one (1) place to another, to carry, or to transport, to exempt slides.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-12](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 21. [685 IAC 1-3-12.2](#) IS ADDED TO READ AS FOLLOWS:

[685 IAC 1-3-12.2](#) "Critical components" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 12.2. "Critical components" means a component or system of components that, due to their importance in the continued proper operation of the device, have been designated by the manufacturer as requiring special:

- (1) fabrication;
- (2) maintenance;
- (3) inspection; or
- (4) operation.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-12.2](#))

SECTION 22. [685 IAC 1-3-12.7](#) IS ADDED TO READ AS FOLLOWS:

[685 IAC 1-3-12.7](#) "Department" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 10-19](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 12.7. "Department" means the Indiana department of homeland security established by [IC 10-19](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-3-12.7](#))

SECTION 23. [685 IAC 1-3-13.5](#) IS ADDED TO READ AS FOLLOWS:

[685 IAC 1-3-13.5](#) "Division" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 10-19-2](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 13.5. "Division" means the division of fire and building safety of the department created under [IC 10-19-2](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-3-13.5](#))

SECTION 24. [685 IAC 1-3-15](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-15](#) "Fence" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 15. "Fence" means as set forth in ASTM F 747-95, a type of barrier consisting of, but not limited to:

- (1) posts;
- (2) boards;
- (3) wire;
- (4) stakes; or
- (5) rails;

that is used to inhibit patrons from coming into contact with the moving portion or restricted portion of an amusement ride or device.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-15](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 25. [685 IAC 1-3-17](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-17](#) "Flat ride" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 17. "Flat ride" means ~~as set forth in ASTM F 747-95~~, an amusement ride that operates on a single level whether:

- (1) over a controlled, fixed course or track; or
- (2) confined to a limited area of operation.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-17](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 26. [685 IAC 1-3-18](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-18](#) "High ride" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 18. "High ride" means ~~as set forth in ASTM F 747-95~~, an amusement ride whose motion is in a fixed or variable plane from horizontal to vertical.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-18](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 27. [685 IAC 1-3-20](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-20](#) "Inspections" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 20. "Inspections" means any of the following:

(1) "Annual inspections" means the official, first use in a twelve (12) month period, inspection made by an inspector, for the ~~purpose of~~ **following purposes:**

(A) Determining if the **regulated** amusement device is in safe operating condition for use in that twelve (12) month period. ~~and for the purposes of~~

(B) Applying the regulated amusement device operating permit.

(2) "Periodic on-site inspection" means an unscheduled inspection by an inspector **to:**

(A) ~~to~~ determine if the device has a valid operating permit; and

(B) ~~to~~ check for proper maintenance and operation of the ride or device.

(3) "Reinspection" means an inspection, other than the annual inspection or the periodic on-site inspection, made during the current season of ~~an~~ **a regulated** amusement device as a result of a sealed out of service order.

(4) "Subsequent inspection" means an annual inspection that has been rescheduled because of improper previous notice from the owner.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-20](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 28. [685 IAC 1-3-21](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-21](#) "Inspector" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 21. "Inspector" means an employee of the ~~department of fire and building services~~ **division** who is assigned to inspect for compliance with this article.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-21](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 29. [685 IAC 1-3-26](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-26](#) "Major modification" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 26. "Major modification" means ~~as set forth in ASTM F 747-95,~~ any change in either the structural or operational characteristics of the ride or device ~~which that~~ will alter its performance from that specified in the manufacturer's design criteria.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-26](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 30. [685 IAC 1-3-27](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-27](#) "Minor modification" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 27. "Minor modification" means ~~as set forth in ASTM F 747-95,~~ any change that does not:

- (1) alter the structural or operational characteristics of the ride or device; ~~nor or~~
- (2) change its performance from that specified in the manufacturer's design criteria.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-27](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 31. [685 IAC 1-3-28](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-28](#) "Monitoring" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 28. "Monitoring" means an unscheduled ~~monitoring~~ visit performed by the office ~~an inspector~~ **an inspector** of the state ~~building commissioner~~ **division** to determine if ~~an a regulated~~ amusement device has a valid operating permit and records indicating that it is in compliance with this article.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-28](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 32. [685 IAC 1-3-30](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-30](#) "Operator" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 30. "Operator" means as set forth in ASTM F 747-95 as adopted at [685 IAC 1-2-3](#), the person having direct control of the starting, stopping, or speed of an amusement ride.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-30](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 33. [685 IAC 1-3-34.1](#) IS ADDED TO READ AS FOLLOWS:

[685 IAC 1-3-34.1](#) "Prime mover" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 34.1. "Prime mover" means the diesel or other powered tractor pulling a trackless train.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-34.1](#))

SECTION 34. [685 IAC 1-3-35](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-35](#) "Properly maintained" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 35. "Properly maintained" means:

- (1) assembling;
- (2) disassembling;
- (3) transporting; and
- (4) operating;

regulated amusement devices in accordance with this article **and the** manufacturer's recommendations. ~~nationally recognized standards, and recognized practice.~~ The term also means lubricating, greasing, oiling, testing, and repairing of parts at specified time intervals in accordance with the manufacturer's recommended practices and procedures.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-35](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 35. [685 IAC 1-3-36](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-36](#) "Regulated amusement device" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-12-1-19.1](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 36. "Regulated amusement device" means the same as amusement device as defined in section 2 of this rule: **has the meaning set forth in [IC 22-12-1-19.1](#).**

(Regulated Amusement Device Safety Board; [685 IAC 1-3-36](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 36. [685 IAC 1-3-42.1](#) IS ADDED TO READ AS FOLLOWS:

[685 IAC 1-3-42.1](#) "Trackless train" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 42.1. "Trackless train" means a train that consists of a diesel or other engine powered or electric powered tractor pulling a series of unpowered connected road vehicles or trailers. Often configured to look like a small locomotive, a trackless train may take many shapes, such as wagons, animals, or other themed items. The trailers are usually open-sided but may be enclosed in inclement weather. It is used only for amusement purposes and not for transportation between or among different locations. For purposes of this definition, a trackless train used for amusement purposes may also have intermediate stops yet remain a trackless train. The term does not include the following:

- (1) Parking lot trams.
- (2) Sightseeing buses.
- (3) Hayrides.
- (4) In-park or in-fair transportation trams.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-42.1](#))

SECTION 37. [685 IAC 1-3-43](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-3-43](#) "Unscheduled cessation" defined

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 43. "Unscheduled cessation" means ~~as set forth in ASTM F 747-95,~~ a rare, unusual, or irregular stopping of an amusement ride operation, intentionally or otherwise, that is considered abnormal or potentially hazardous in nature, or both, due to its cause, method, or result.

(Regulated Amusement Device Safety Board; [685 IAC 1-3-43](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 38. [685 IAC 1-4-1](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-1](#) Responsibility for compliance

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 1. Every owner of an **a regulated** amusement device shall comply with or effect compliance with all provisions of this article.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-1](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 39. [685 IAC 1-4-3](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-3](#) Enforcement

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 3. (a) This article shall be enforced by the ~~office of the state building commissioner.~~ **division.**

(b) Correction orders and sealed out of service orders shall be issued by a **an authorized** representative of the ~~office of the state building commissioner.~~ **division.**

(Regulated Amusement Device Safety Board; [685 IAC 1-4-3](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 40. [685 IAC 1-4-5](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-5](#) Operating permit form; application

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7-2](#); [IC 22-15-7-2.5](#)

Sec. 5. The application for a regulated amusement device operating permit form will be provided to the operator, upon request, by the ~~office of the state building commissioner.~~ **division.** The owner shall apply for the regulated amusement device operating permit thirty (30) days prior to the first opening of a device in Indiana. The application form shall provide the required information as set forth in [IC 22-15-7-2\(c\)](#) **and** as follows:

(1) **The name, address, and telephone number of the following:**

(A) The owner having custody or control of the regulated amusement device.

~~(2) Name, address, and telephone number of~~ **(B) The regulated amusement device owner.**

~~(3) Name, address, and telephone number of~~ **(C) The representative to be contacted concerning inspection.**

~~(4)~~ **(2) The date of application and name and signature of the person making application.**

~~(5)~~ **(3) An identification of each regulated amusement device by a trade or descriptive name and an identification number.**

~~(6)~~ **(4) The address, date, and time of the first scheduled opening of the regulated amusement device or devices in Indiana.**

~~(7)~~ **(5) An itinerary of all scheduled show dates in Indiana. All itinerary changes shall be reported to the office of the state building commissioner division by telephone within twenty-four (24) hours of the change decision or as soon thereafter as practicable, but in any event, not fewer than two (2) business days before the itinerary change is implemented, unless the itinerary change is the result of actions by a person other than the owner or a natural disaster.**

(6) An e-mail address for the person listed in subdivision (1)(A), if an e-mail address is available.

(7) Certificate of insurance, evidencing the insurance required under [IC 22-15-7-2.5](#).

(8) Certification that each device will have the appropriate and proper electrical bonding.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-5](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2979; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 41. [685 IAC 1-4-6](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-6](#) Annual inspection

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 6. **Upon receipt of a properly completed application,** the ~~office of the state building commissioner~~ **division** shall cause to be inspected each **regulated** amusement device before its first use in any permitted twelve (12) month period for the purpose of providing the **regulated** amusement device with a regulated amusement device operating permit. ~~The~~ **This** annual inspection shall be performed by the ~~office of the state building commissioner~~ **division** to determine that the structural materials and the construction of the **regulated** amusement device ~~conforms~~ **conform** to these rules, procedures, standards, and manufacturer's specifications.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-6](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2979; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 42. [685 IAC 1-4-7](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-7](#) Inspection seal

Authority: [IC 22-13-2-8](#)

Affected: [IC 4-21.5-3-4](#); [IC 4-21.5-3-7](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 7. (a) ~~An~~ **A regulated** amusement device that, ~~successfully passes the annual~~ **upon** inspection **by the division, is found to comply with all applicable laws and manufacturers' specifications** shall have a seal applied by the inspector. ~~which will.~~ **The seal shall** serve as the regulated amusement device operating permit as set forth in section 4 of this rule.

~~(b) Upon application, the regulated amusement device operating permit will be available from the office of the state building commissioner for each amusement device used in Indiana. The regulated amusement device operating permit shall be retained by the office of the state building commissioner until such time as the device for which that permit is to be assigned has been inspected and found in compliance.~~

~~(c) (b) The regulated amusement device operating permit shall not be obtained from any source other than the office of the state building commissioner. The application forms shall be furnished by the office of the state building commissioner and shall be that for a regulated amusement device operating permit.~~ **division.**

~~(d) (c) If an inspection seal becomes mutilated or damaged, a replacement may~~ **shall** be furnished upon **written** request to the office of the state building commissioner. **division.**

~~(e) When an amusement device is found to be in noncompliance, the cited violations shall be corrected before the inspection seal is applied. If the noncompliance is of such magnitude that immediate correction cannot be made, either a correction order or a sealed out of service order shall be issued as stated in sections 9 and 10 of this rule.~~ **(d) If the an** inspection seal has been applied and the regulated amusement device operating permit is subsequently revoked **for noncompliance with applicable laws**, the:

(1) seal may be removed and destroyed by the representative of the office of the state building commissioner, **division**; and the

(2) owner shall be notified immediately.

If a new regulated amusement device operating permit is required **to allow the operation of the device in Indiana**, it shall be assigned **issued by the division after an inspection by the division that determines that the device is in compliance with all applicable laws, and a new seal may be attached** to the device. ~~after the cited noncompliance items have been corrected.~~

~~(f) (e) The order granting or denying the issuance of a seal shall be issued by the office of the state building commissioner~~ **division** following the requirements of [IC 4-21.5-3-4](#). If a petition for review is subsequently granted under [IC 4-21.5-3-7](#), the resulting administrative proceeding shall be conducted by the commission.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-7](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2979; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 43. [685 IAC 1-4-8](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-8](#) Periodic on-site inspection

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 8. The office of the state building commissioner **division** shall also cause to be made periodic on-site inspection of the erection and operation of **regulated** amusement devices; however, no such periodic inspection ~~can~~ **shall** be required as a prerequisite for operation **of the regulated amusement device**.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-8](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 44. [685 IAC 1-4-9](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-9](#) Correction order

Authority: [IC 22-13-2-8](#)

Affected: [IC 4-21.5](#); [IC 22-12-7-4](#); [IC 22-12-7-7](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 9. If, **upon inspection**, the ~~office of the state building commissioner~~ **division:**

(1) finds a condition on the **regulated** amusement device that does not comply with **the requirements of** this article; and

(2) determines that operation of the **regulated** amusement device would not cause injury, as defined in ASTM F 1305-94 ~~adopted~~ **(2002) incorporated** by reference at [685 IAC 1-2-10](#), to persons riding, operating, or observing the **regulated** amusement device;

the office **division** will issue a correction order as set forth by ~~IC 22-12-7-4 or IC 22-12-7-7~~; **in accordance with** [IC 4-21.5](#). The correction order shall specify a deadline by which the condition causing noncompliance shall be corrected. When the condition is corrected, the owner shall notify the ~~office of the state building commissioner~~ **division** in writing. Failure to comply with a correction order may cause the device to be sealed out of service.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-9](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 45. [685 IAC 1-4-10](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-10](#) Sealed out of service

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-12-7-6](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 10. If, **upon inspection**, the ~~office of the state building commissioner~~ **division:**

(1) finds an **regulated** amusement device to be in noncompliance with this article; and

(2) determines that operation of the **regulated** amusement device may cause injury, as defined in ASTM F 1305-94 ~~adopted~~ **(2002) incorporated** by reference at [685 IAC 1-2-10](#), to persons riding, operating, or observing the **regulated** amusement device;

the office **division** may seal the device or portion of the **regulated amusement** device out of service as set forth by **in accordance with** [IC 22-12-7-6](#). The inspector, ~~on~~ **upon** request, shall reinspect the **regulated amusement** device and, if the ~~condition~~ **noncompliance** has been corrected, the office **division** shall remove the sealed out-of-service order.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-10](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 46. [685 IAC 1-4-11](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-4-11](#) Subsequent inspection

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 11. Whenever an inspector from the ~~office of the state building commissioner~~ **division** goes to a site to perform a scheduled annual inspection but cannot do so because the owner has failed to prepare the devices for inspection:

(1) a subsequent inspection date shall be scheduled; and

(2) the owner shall be charged a subsequent inspection fee as set forth in [675 IAC 23-1-63](#).

However, if the owner gives the office **division** notification **not less than twenty-four (24) hours** prior to the inspector's arrival on the site, no subsequent inspection fee will be charged.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-11](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 47. [685 IAC 1-4-12](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-4-12 Reinspections

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 12. **All reinspections shall be performed by the division.** Reinspections when the entire device has been sealed out of service shall be performed within twenty-four (24) hours of a request for reinspection, or as soon **thereafter** as ~~practical~~, **practicable**, but in no event longer than three (3) days after a request. Reinspection ~~for~~ of a portion of a device shall be as soon as ~~practical~~, **practicable**, but in no event longer than five (5) days after a request. When the entire device has been sealed out of service, ~~in no event shall it~~ **shall not** be operated until it has passed a reinspection.

(Regulated Amusement Device Safety Board; [685 IAC 1-4-12](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 48. [685 IAC 1-4-13](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-4-13 Reporting injuries, deaths, and mechanical failures

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 13. (a) Injuries and fatalities shall be reported to the ~~office of the state building commissioner~~ **division** in the following manner:

(1) The owner shall report by telephone within four (4) hours **any**:

- (A) ~~any~~ fatalities; or
- (B) serious injuries;

that result from a failure of the **regulated** amusement device. In these cases, the ~~office of the state building commissioner~~ **division** shall determine if the device shall be sealed out of service until an inspection of the ~~site~~ **regulated amusement device** can be performed. If the **regulated amusement** device is sealed out of service, the ~~office of the state building commissioner~~ **division** shall ~~cause to have performed~~ **perform** an inspection within twenty-four (24) hours. ~~Any~~ **Each** telephone report shall be followed by a written report within five (5) working days.

(2) The owner shall report by mail within five (5) working days any:

- (A) serious injuries or fatalities that resulted from natural cause or human error of the passenger during operation of the device; or
- (B) injuries that **may have** resulted from a failure of the **regulated** amusement device that resulted in a known transport to a hospital.

(3) Any report shall state all **currently known** pertinent facts, including the following:

- (A) **The** date, time, and location of the incident.
- (B) **The** name, age, and address of **the** victim, **where known**.
- (C) **The** type of injury, **where known**.
- (D) **If the victim is transported to a** hospital, ~~where treated, if any~~ **which hospital, if known**.
- (E) A description of the accident.
- (F) **The** name and identification number of **the regulated** amusement device involved.
- (G) **The** name, address, and telephone number of the owner filing the report.

(b) The classification for compilation purposes only of amusement ride and device-related injuries and illnesses shall be as set forth in [685 IAC 1-2-10](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-4-13](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 49. [685 IAC 1-5-2](#) IS AMENDED TO READ AS FOLLOWS:

685 IAC 1-5-2 General provisions

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7-5](#)

Sec. 2. All **regulated** amusement devices, including homemade devices and devices for which no manufacturer's specifications exist, shall comply with this article and any safety standards, operating manuals, and technical specifications prescribed by the manufacturer for a particular device, and as set forth by [IC 22-15-7-5](#), to include providing the following:

- (1) A current owner's manual or, if no owner's manual has been produced for the device, a statement to that effect.
- (2) Any operational manuals or maintenance guides.
- (3) Complete maintenance records describing all repairs and modifications, to include correction orders issued by the ~~office of the state building commissioner.~~ **division.**
- (4) Daily operation and inspection logs or checklists.
- (5) Personnel training records.

~~These~~ **The** documents listed ~~above at subsections (3), (4), and (5) in subdivisions (3) through (5)~~ shall be updated and maintained for a period of one (1) year from the issuance of the permit, including the most recent operating season.

(Regulated Amusement Device Safety Board; [685 IAC 1-5-2](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 50. [685 IAC 1-5-5](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-5](#) Testing

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 5. (a) ~~The office of the state building commissioner~~ **division** may require that all **regulated amusement** devices **to be tested** as set forth in [685 IAC 1-2-5](#). A letter of the results of the examination shall be: ~~filed~~

(1) maintained on site with the ~~commissioner.~~ **affected regulated amusement devices; and**

(2) made available to:

(A) the director of the elevator and amusement safety section; and

(B) any inspector;

of the division upon request.

(b) Any **regulated** amusement device damaged by a breakdown or in a highway or midway accident shall comply with the nondestructive testing section, Section 8, of ASTM F 846-92 (**2003**), as set forth in [685 IAC 1-2-5](#), when the ~~office of the state building commissioner~~ **division** deems it necessary in order to determine whether or not the **regulated amusement** device is capable of operating in compliance with this rule. **This requirement applies to any regulated amusement device that is subject to nondestructive testing, whether newly constructed or existing.**

(Regulated Amusement Device Safety Board; [685 IAC 1-5-5](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 51. [685 IAC 1-5-6](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-6](#) Major modifications of regulated amusement devices

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 6. (a) Any major modification to original design initiated by the owner shall, prior to modification, be submitted in writing to the manufacturer or a registered engineer for approval, based on accepted engineering practice. Evidence of approval shall be submitted to the ~~office of the state building commissioner.~~ **division.**

(b) ~~An~~ **A regulated** amusement device that has been subject to a major modification shall have affixed an additional information plate containing the following:

- (1) The name of the ~~alterer or remanufacturer.~~ **person who performed the major modification.**
- (2) A supplementary serial number.
- (3) A certification of the date **that the work was performed and the maximum capacity of the regulated amusement device.**

All **regulated** amusement devices that were subject to a major modification prior to November 1, 1986, shall have an additional information plate stating that the modification was performed prior to that date.

(c) For purposes of this section, "person" includes the following:

- (1) An individual.**
- (2) An assignee.**
- (3) A receiver.**
- (4) A commissioner.**
- (5) A fiduciary.**
- (6) A trustee.**
- (7) An executor.**
- (8) An administrator.**
- (9) An institution.**
- (10) A national bank.**
- (11) A bank.**
- (12) A consignee.**
- (13) A firm.**
- (14) A partnership.**
- (15) A joint venture.**
- (16) A pool.**
- (17) A syndicate.**
- (18) A bureau.**
- (19) An association.**
- (20) A cooperative association.**
- (21) A society.**
- (22) A club.**
- (23) A fraternity.**
- (24) A sorority.**
- (25) A lodge.**
- (26) A corporation.**
- (27) A limited liability company.**
- (28) An Indiana political subdivision engaged in private or proprietary activities.**
- (29) An estate.**
- (30) A trust.**
- (31) Any group or combination acting as a unit.**

(Regulated Amusement Device Safety Board; [685 IAC 1-5-6](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 52. [685 IAC 1-5-9](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-9](#) Operating fact sheet

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 9. Each owner of an **a regulated** amusement device shall:

- (1) read and become be familiar with the contents of the manufacturer's recommended operating instructions, and specifications; and**
- (2) prepare an operating fact sheet as set forth in [685 IAC 1-2-4](#).**

This sheet shall be made available to each operator of the **regulated** amusement device. This ~~subsection~~ **section** shall not apply to **regulated** amusement devices covered by ANSI ~~B77.1-1992~~ **B77.1-2006**, as established in [685 IAC 1-2-11](#), **which that are passenger ropeways, aerial tramways, aerial lifts, surface lifts, and tows, and conveyors.**

(Regulated Amusement Device Safety Board; [685 IAC 1-5-9](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982; readopted

SECTION 53. [685 IAC 1-5-15](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-15](#) Inspection of parts

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 15. Parts that are worn or have been damaged beyond ~~such that which is acceptable to this article~~ **they are no longer in compliance with the rules of the board** shall not be used.

(Regulated Amusement Device Safety Board; [685 IAC 1-5-15](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 54. [685 IAC 1-5-20](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-20](#) Access and egress; general

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 20. (a) Safe means of access to and egress from **regulated** amusement devices shall be provided. All passageways are to be kept free from debris, obstruction, projection, and other hazards. All surfaces shall be such as to prevent slipping and tripping, and floors shall be kept free of:

- (1) protruding nails;
- (2) splinters;
- (3) holes; or
- (4) loose boards.

Where mechanical handling equipment is used, safe clearance shall be allowed for passageways.

(b) Stairways, ramps, and necessary landings and platforms shall be provided where persons enter or leave ~~an a~~ **regulated** amusement device or structure that is above or below grade or floor level at the entrance to and exit from ~~such the~~ **regulated amusement device**. Unless provided by a manufacturer as a part of the **regulated** amusement device, the design and construction of stairways, ramps, and railings shall conform to the Indiana building code ~~a rule of the Indiana fire prevention and building safety commission, under~~ ([675 IAC 13](#)), except for the placement of stairway railings and guards. All stairs with more than three (3) risers shall have standard handrails or railings on both sides regardless of width, and when stairways are eighty-eight (88) inches or more in width, a railing shall be placed approximately in the center **as well as on each side**.

(c) Stairway landings and ramps shall be designed, constructed, and maintained so as to sustain safely a live load of at least ninety (90) pounds per square foot.

(d) At least two (2) exits remote from each other shall be provided from each level floor, tier, room, or balcony. No exit shall be less than twenty-eight (28) inches wide.

(Regulated Amusement Device Safety Board; [685 IAC 1-5-20](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 55. [685 IAC 1-5-28](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-28](#) Safety equipment

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 28. Belts, bars, foot rests, and other equipment provided as specified by the manufacturer for:

(1) safe entrance and exit; and for

(2) support while **the regulated** amusement device is in operation;

shall be provided. ~~Such~~ **The** equipment and the fastenings shall be of such strength to ~~retain~~ **restrain** the passengers **safely**. The fastenings shall be of a type ~~which that~~ cannot be inadvertently released.

(Regulated Amusement Device Safety Board; [685 IAC 1-5-28](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 56. [685 IAC 1-5-29](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-29](#) Enclosed regulated amusement device structures; general

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 29. All partially or totally enclosed **regulated** amusement device structures shall be designed and constructed to carry safely all loads to which ~~such~~ **the** structures may normally be subjected. Materials used in **the** above structures shall not be stressed beyond limits stated in the Indiana building code ~~a rule of the Indiana fire prevention and building safety commission,~~ under ([675 IAC 13](#)).

(Regulated Amusement Device Safety Board; [685 IAC 1-5-29](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 57. [685 IAC 1-5-31](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-31](#) Internal combustion power sources

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 31. Internal combustion sources shall be of **a**:

(1) type;

(2) design; and

(3) capacity;

to handle the actual design load. Additional requirements are addressed in the Indiana fire code ~~a rule of the Indiana fire prevention and building safety commission,~~ under ([675 IAC 22](#)).

(Regulated Amusement Device Safety Board; [685 IAC 1-5-31](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 58. [685 IAC 1-5-34](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-34](#) Electrical safety requirements

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 34. All electrical:

(1) wiring;

(2) equipment; and

(3) apparatus;

used for **regulated** amusement devices or for lighting shall be installed, operated, and maintained as required by the Indiana electrical code ~~a rule of the Indiana fire prevention and building safety commission,~~ under ([675 IAC 17](#)).

(Regulated Amusement Device Safety Board; [685 IAC 1-5-34](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 59. [685 IAC 1-5-35](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-35](#) Elevators, escalators, and moving walks; general

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 35. Elevators, escalators, and moving walks shall be designed, constructed, and installed in accordance with the:

- (1) Indiana building code under ([675 IAC 13](#)); and the
- (2) Indiana elevator safety code under ([675 IAC 21](#)). ~~rules of the Indiana fire prevention and building safety commission.~~

(Regulated Amusement Device Safety Board; [685 IAC 1-5-35](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 60. [685 IAC 1-5-36](#) IS AMENDED TO READ AS FOLLOWS:

[685 IAC 1-5-36](#) Ski equipment

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 36. Devices and equipment generally associated with winter sports activities, such as:

- (1) ski lifts;
- (2) ski tows;
- (3) J-bars;
- (4) ski mobiles;
- (5) chairlifts; and
- (6) aerial tramways;

shall be installed and maintained in accordance with ANSI Standard ~~B 77.1-1992~~ published by the American National Standards Institute **B77.1-2006** as set forth in [685 IAC 1-2-11](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-5-36](#); filed Apr 3, 1998, 9:30 a.m.: 21 IR 2986; readopted filed Nov 10, 2004, 1:10 p.m.: 28 IR 1072)

SECTION 61. [685 IAC 1-6](#) IS ADDED TO READ AS FOLLOWS:

Rule 6. Trackless Trains or Similar Devices

[685 IAC 1-6-1](#) Operators

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 1. Operators must:

- (1) have a valid driver's license; and
- (2) be at least eighteen (18) years of age.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-1](#))

[685 IAC 1-6-2](#) Design criteria

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 2. All new design criteria listed in this section shall apply to devices constructed after the adoption of this rule.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-2](#))

[685 IAC 1-6-3](#) Data plate

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 3. Each trackless train shall have prominently displayed a manufacturer's plate. The plate shall include the information required under [685 IAC 1-2-2](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-6-3](#))

[685 IAC 1-6-4](#) Design grades

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 4. Where designed for a specific terrain or road configuration, the power, traction, and stability of the system shall provide adequate margins for safety. The limiting characteristics of the system as designed shall be permanently marked in a prominent position within the cabin on the manufacturer's data plate.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-4](#))

[685 IAC 1-6-5](#) Couplings and safety chains

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 5. Towing mounts, hitches, balls, and ball couplers shall be capable of towing the loads placed on them. Safety chains or ropes shall be installed at all times between the prime mover and the leading carriage, and between all carriages. The chains or ropes shall ensure that all prospective loads are sustained in the event of an unplanned separation.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-5](#))

[685 IAC 1-6-6](#) Brakes

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 6. A trackless train or similar device shall be fitted with the following minimum braking requirements:

- (1) A travel brake. Prime movers shall be fitted with a travel brake system capable of stopping the fully loaded towed train under all designed conditions.**
- (2) A parking brake. Prime movers shall be fitted with an additional braking system capable of holding the fully loaded train stationary. A combination travel/parking brake may be used only with prior approval of the department and for devices carrying less than eight (8) patrons.**

(Regulated Amusement Device Safety Board; [685 IAC 1-6-6](#))

[685 IAC 1-6-7](#) Steering

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 7. The carriage steering configuration shall provide stability under all conditions of operation, and the turning circles of the prime mover and carriages shall be compatible and suitable for the application of the train.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-7](#))

[685 IAC 1-6-8](#) Drawbar capacity

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 8. The capacity and configuration of the drawbar shall be consistent with the designer's or manufacturer's recommendation for the number of carriages to be towed in any particular application.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-8](#))

[685 IAC 1-6-9](#) Center of gravity

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 9. The center of gravity of any carriage shall be as close to the operating surface as possible, and information regarding the maximum allowable sideways inclination shall be displayed within the cabin.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-9](#))

[685 IAC 1-6-10](#) Use of spring suspension

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 10. Spring suspension shall not be used without shock absorbing and movement limiting devices.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-10](#))

[685 IAC 1-6-11](#) Additional safety features

Authority: [IC 22-13-2-8](#)

Affected: [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 11. Wheels shall not protrude beyond the sides of the carriage, and the gaps between carriages shall be fitted with safety screens to prevent access between carriages and across the drawbar. These additional safety features are to ensure that there are no accessible pinch points or hazards that could catch a patron's clothing or long hair.

(Regulated Amusement Device Safety Board; [685 IAC 1-6-11](#))

[685 IAC 1-6-12](#) Other traffic

Authority: [IC 22-13-2-8](#)

Affected: [IC 4-21.5-3](#); [IC 22-15-2-7](#); [IC 22-15-7](#)

Sec. 12. Where the train is operated with other vehicle traffic present, doors shall be fitted with catches that are operable only from the outside of the carriages. If trains are operated on open public roads, they must be fitted with vehicle and trailer signal systems. Where trains or similar devices are operated with other foot traffic, the operator shall drive the device in a manner that does not present a safety hazard to pedestrians. Operators driving recklessly shall have their permit to operate immediately revoked in accordance with [IC 4-21.5-3](#).

(Regulated Amusement Device Safety Board; [685 IAC 1-6-12](#))

SECTION 62. THE FOLLOWING ARE REPEALED: [685 IAC 1-3-9](#); [685 IAC 1-3-10](#); [685 IAC 1-3-14](#); [685 IAC 1-3-16](#); [685 IAC 1-3-22](#); [685 IAC 1-3-24](#); [685 IAC 1-3-25](#); [685 IAC 1-3-33](#); [685 IAC 1-3-34](#); [685 IAC 1-3-42](#); [685 IAC 1-4-2](#); [685 IAC 1-4-4](#).

[Notice of Public Hearing](#)

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