

TITLE 685 REGULATED AMUSEMENT DEVICE SAFETY BOARD

ARTICLE 1. INDIANA AMUSEMENT DEVICE CODE

Rule 1. General Provisions

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 known as the Indiana amusement device code, and shall be published by the fire and building services department for general use and distribution under that title. Whenever the term "this code" is used throughout this article, it shall mean the Indiana 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 installation, alteration, repair, and removal and operation of 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. (*Regulated Amusement Device Safety Board; 685 IAC 1-1-1; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970*)

685 IAC 1-1-2 Exempted devices

Authority: IC 22-13-2-8

Affected: IC 22-12-1-19.1; IC 22-15-2-7; IC 22-15-7

Sec. 2. The following devices are exempted from this article:

(1) Ground, water, and air transportation devices designed to transport people from one place to another and not used for the sole purpose of amusement or for sightseeing at an amusement park except for those items specifically set forth at IC 22-12-1-19.1.

(2) Ground, water, and air transportation devices subject to regulation by other state or federal agencies.

(3) Amusement devices for private use.

(*Regulated Amusement Device Safety Board; 685 IAC 1-1-2; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970*)

Rule 2. Adoption by Reference

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) Amusement devices manufactured before July 1, 1998, shall be exempt from the requirements for new construction placed on manufacturers by IAC [*sic.*] 685 IAC 1-2-2 through 685 IAC 1-2-9 [*sections 2 through 9 of this rule*]. Amusement devices manufactured prior to July 1, 1998, shall meet the requirements of 685 IAC 1-5-2 and all other requirements of this rule, including owners' requirements, maintenance requirements, operational requirements, and inspection requirements. (*Regulated Amusement Device Safety Board; 685 IAC 1-2-1; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2970*)

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), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, is hereby adopted by reference as if fully set out in this article save and except for those 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*)

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 edition approved April 15, 1995, published June 1995 (ASTM F 747-95), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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*)

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 Operation Procedures for Amusement Rides and Devices, 1993 edition approved Dec. 15, 1993, published February 1994 (ASTM F 770-93), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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) 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) 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) Delete subsection 4.3.2 in its entirety.

(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*)

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 edition approved May 15, 1992, published July 1992 (ASTM F 846-92), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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 "should" to read "shall".

- (i) In subsection 7.2.2, change “must” to read “shall”.
- (j) Delete subsection 7.2.3 in its entirety.
- (k) In subsection 8.1, change “qualified” to read “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)*

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 edition approved January 15, 1993, published March 1993 (ASTM F 853-93), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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 the manufacturer's responsibilities, that 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)*

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 edition approved May 29, 1987, published July 1987 (ASTM F 893-87), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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) 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. *(Regulated Amusement Device Safety Board; 685 IAC 1-2-7; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2972)*

685 IAC 1-2-8 Standard practice for the design and manufacture 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 edition approved April 15, 1994, published June 1994 (ASTM F 1159-94), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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) Delete Section 3. 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*)

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 Amusement Ride and Device Manufacturer Quality Assurance Program, 1995 edition approved January 15, 1995, published March 1995 (ASTM F 1193-95), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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. (*Regulated Amusement Device Safety Board; 685 IAC 1-2-9; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2972*)

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, published June 1994 (ASTM F 1305-94), published by the American Society for Testing and Materials, at 1916 Race Street, Philadelphia, Pennsylvania 19103, 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; delete "a personal" and substitute "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*)

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 Tramways and Lifts, Surface Lifts, and Tows-Safety Requirements, 1992 edition (ANSI B 77.1, 1992), published by the American National Standards Institute, 1430 Broadway, New York, New York 10018, 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, "Authority having jurisdiction" means the state building commissioner.

(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 B 77.1, 1992) they shall not be considered as adopted by reference but rather shall be treated as nationally accepted practice 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 reference is deleted and the Indiana Fire Code (675 IAC 22), a rule of the Indiana fire prevention and building safety commission, is substituted.

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 B 77.1, 1992), such 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.

8.1.3 Whenever reference is made to American National Standard National Electrical Code, NFPA 70 within this standard (ANSI B 77.1, 1992), such 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 B 77.1, 1992), it shall be considered only as 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)

Rule 3. Definitions

685 IAC 1-3-1 Applicability

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 1. (a) The definitions in this rule apply throughout this article.

(b) The definitions set forth at 685 IAC 1-2-3 apply throughout this article and are listed below for clarity. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-1; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974)*

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 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)*

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)*

685 IAC 1-3-4 “Amusement device” defined

Authority: IC 22-13-2-8

Affected: 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 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. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-4; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974)*

685 IAC 1-3-5 “Amusement park” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 5. “Amusement park” means a tract or area used principally as a permanent location for amusement devices, rides, and structures. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-5; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2974)*

685 IAC 1-3-6 “Approved” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

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- Sec. 6. "Approved" means acceptable to the office of the state building commissioner or by one (1) of the following methods:
- (1) Investigation or tests conducted by recognized authorities.
 - (2) Investigation or tests conducted by technical or scientific organizations.
 - (3) 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)*

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)*

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)*

685 IAC 1-3-9 "Commissioner" defined

Authority: IC 22-13-2-8
Affected: IC 22-15-2-7; IC 22-15-7

Sec. 9. "Commissioner" means the state building commissioner. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-9; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975)*

685 IAC 1-3-10 "Containing device" defined

Authority: IC 22-13-2-8
Affected: IC 22-15-2-7; IC 22-15-7

Sec. 10. "Containing device" means a strap, belt, bar, gate, or other safety device designed to prevent accidental or inadvertent dislodgment of a passenger from a ride or device, but which does not actually provide physical support. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-10; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975)*

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)*

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 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)*

685 IAC 1-3-13 "Device" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 13. "Device" see amusement device. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-13; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975)*

685 IAC 1-3-14 "Fair" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 14. "Fair" means an enterprise principally devoted to the exhibition of products of agriculture or industry in connection with the operation of amusement devices. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-14; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975)*

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, posts, boards, wire, stakes, or 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)*

685 IAC 1-3-16 "First aid" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 16. "First aid" means the one-time treatment or subsequent observation of scratches, cuts, splinters, contusions not requiring more than ten (10) stitches, and diagnostic procedures, including examination and x-rays that do not ordinarily require medical treatment even though provided by a physician or other licensed or certified professional personnel. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-16; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2975)*

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 over a controlled, fixed course, or track, or 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)*

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)*

685 IAC 1-3-19 “Inspection seal” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 19. “Inspection seal” means the regulated amusement device operating permit, a seal that is affixed to the amusement ride or device by an inspector after the ride or device has successfully passed the annual inspection. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-19; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976)*

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 determining if the amusement device is in safe operating condition for use in that twelve (12) month period and for the purposes of applying the regulated amusement device operating permit.

(2) “Periodic on-site inspection” means an unscheduled inspection by an inspector:

(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 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)

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 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)*

685 IAC 1-3-22 “Kiddie” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 22. “Kiddie” means “kiddie ride” as set forth by ASTM F 747-95 as an amusement ride designed primarily for use by children up to twelve (12) years of age. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-22; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976)*

685 IAC 1-3-23 “Maintenance” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 23. “Maintenance” means a process of routine examination, lubrication, cleaning, adjustment, and replacement of parts for the purpose of ensuring performance in accordance with the applicable code requirements. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-23; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976)*

685 IAC 1-3-24 “Major” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 24. “Major” has the meaning as defined at 675 IAC 23-1-63, a rule of the fire prevention and building safety commission. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-24; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976)*

685 IAC 1-3-25 “Major breakdown” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 25. “Major breakdown” means damage, failure, or breakage of a structural or stress bearing part of a device. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-25; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2976)*

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 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)*

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 alter the structural or operational characteristics of the ride or device nor 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)*

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 of the state building commissioner to determine if an 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)*

685 IAC 1-3-29 “Operating permit” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 29. “Operating permit” means the regulated amusement device operating permit/inspection seal that is affixed to the amusement device by an inspector and identifies the device as officially approved to operate in Indiana. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-29; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

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)*

685 IAC 1-3-31 "Owner" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7-0.5

Sec. 31. "Owner" means the owner, or the agent of the owner, who has custody or control of an amusement device, and as further set forth in IC 22-15-7-0.5. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-31; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-32 "Owner/operator" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7-0.5

Sec. 32. "Owner/operator" means the owner as defined in section 31 of this rule. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-32; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-33 "Permanent amusement device" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 33. "Permanent amusement device" means an amusement device that is erected to remain a lasting part of the premises. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-33; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-34 "Portable amusement device" defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 34. "Portable amusement device" means an amusement device that is relocated from time to time with or without disassembly. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-34; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

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 assembling, disassembling, transporting, and operating amusement devices in accordance with this article, 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)*

685 IAC 1-3-36 "Regulated amusement device" defined

Authority: IC 22-13-2-8

Affected: 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 [*sic.*, section 4 of this rule]. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-36; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-37 “Restraining device” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 37. “Restraining device” means a safety belt, harness, chain, bar, or other device that affords actual physical support, retention, or restraint to the passenger of an amusement device. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-37; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-38 “Safe” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 38. “Safe” means in compliance with this article and its adopted standards. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-38; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-39 “Safety retainer” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 39. “Safety retainer” means a secondary safety cable, bar attachment, or other device designed to prevent parts of an amusement device from becoming disengaged from the mechanism or from tipping or tilting in a manner to cause hazard to persons riding on, or being in the vicinity of, an amusement device. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-39; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2977)*

685 IAC 1-3-40 “Serious injury” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 40. “Serious injury” means serious injuries or illnesses as defined at 685 IAC 1-2-10. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-40; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978)*

685 IAC 1-3-41 “Shall” or “must” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 41. “Shall” or “must” means the applicable provision is mandatory. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-41; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978)*

685 IAC 1-3-42 “Spectacular” defined

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 42. “Spectacular” has the meaning as defined at 675 IAC 23-1-63, a rule of the fire prevention and building safety commission. *(Regulated Amusement Device Safety Board; 685 IAC 1-3-42; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978)*

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*)

Rule 4. Administration

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 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*)

685 IAC 1-4-2 Prohibit use

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 2. The owner of an amusement device shall not knowingly or intentionally allow the device to be operated:

- (1) without a valid Indiana operating permit;
- (2) when it has been sealed out of service;
- (3) when it is in violation of this article;
- (4) without passing the annual inspection; or
- (5) without providing a current certificate of insurance.

Also, no person shall knowingly use, or permit to be used, an amusement device that is not assembled in compliance with this article or the manufacturer's instructions or is defective in any of its parts, components, or safety equipment, except individual elements may not be total compliance as long as the overall safety of the ride is not adversely affected. (*Regulated Amusement Device Safety Board; 685 IAC 1-4-2; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978*)

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.

(b) Correction orders and sealed out of service orders shall be issued by a representative of the office of the state building commissioner. (*Regulated Amusement Device Safety Board; 685 IAC 1-4-3; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978*)

685 IAC 1-4-4 Regulated amusement device operating permit

Authority: IC 22-13-2-8

Affected: IC 4-21.5-3; IC 22-12-7-7; IC 22-15-2-7; IC 22-15-7-9

Sec. 4. (a) No person shall operate an amusement device unless it has been inspected and a regulated amusement device operating permit has been issued by the office of the state building commissioner. To obtain a regulated amusement device operating permit, the owner must do the following:

- (1) Complete the application for a regulated amusement device operating permit form.
- (2) Pay the permit fee detailed in 675 IAC 23-1-63, a rule of the fire prevention and building safety commission.
- (3) The device shall successfully pass the annual inspection.

An amusement device that complies with the requirements will have an inspection seal affixed to it by an inspector. The inspection and the affixing of a seal will serve as the regulated amusement device operating permit for that amusement device. No person shall cause to be affixed to an amusement device a valid permit issued for another device. If the device fails the annual inspection, the office will schedule a reinspection.

(b) The order granting or denying the issuance of a permit and the affixing of a seal shall be issued by the office of the state building commissioner following the requirements of IC 4-21.5-3-4. If the petition for review is subsequently granted under IC 4-21.5-3-7, the resulting administrative proceeding shall be conducted by the commission.

(c) Under IC 22-12-7-7, the state building commissioner may impose a sanction concerning any permit previously issued.

(d) The order imposing a sanction shall be issued under the requirements of IC 4-21.5-3-6. 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.

(e) As specified in IC 22-15-7-9, a person that knowingly or intentionally operates a regulated amusement device without a valid permit for the regulated amusement device commits a Class A misdemeanor. (*Regulated Amusement Device Safety Board; 685 IAC 1-4-4; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2978*)

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

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. 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), as follows:

(1) Name, address, and telephone number of owner having custody or control of the amusement device.

(2) Name, address, and telephone number of amusement device owner.

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

(4) Date of application and name and signature of person making application.

(5) Identification of each device by a trade or descriptive name and an identification number.

(6) Address, date, and time of first scheduled opening of the device(s) in Indiana.

(7) Itinerary of all scheduled show dates in Indiana. All itinerary changes shall be reported to the office of the state building commissioner by telephone within twenty-four (24) hours of the change decision or as soon thereafter as practicable.

(*Regulated Amusement Device Safety Board; 685 IAC 1-4-5; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2979*)

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. The office of the state building commissioner shall cause to be inspected each amusement device before its first use in any permitted twelve (12) month period for the purpose of providing the amusement device with a regulated amusement device operating permit. The annual inspection shall be performed by the office of the state building commissioner to determine that the structural materials and the construction of the amusement device conforms 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*)

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 amusement device that successfully passes the annual inspection shall have a seal applied by the inspector, which will 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) 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.

(d) If an inspection seal becomes mutilated or damaged, replacement may be furnished upon request to the office of the state building commissioner.

(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. If the inspection seal has been applied and the regulated amusement device operating permit is subsequently revoked, the seal may be removed and destroyed by the representative of the office of the state building commissioner, and the owner shall be notified immediately. If a new regulated amusement device operating permit is required, it shall be assigned to the device after the cited noncompliance items have been corrected.

(f) The order granting or denying the issuance of a seal shall be issued by the office of the state building commissioner 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*)

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 shall also cause to be made periodic on-site inspection of the erection and operation of amusement devices; however, no such periodic inspection can be required as a prerequisite for operation. (*Regulated Amusement Device Safety Board; 685 IAC 1-4-8; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980*)

685 IAC 1-4-9 Correction order

Authority: IC 22-13-2-8

Affected: IC 22-12-7-4; IC 22-12-7-7; IC 22-15-2-7; IC 22-15-7

Sec. 9. If the office of the state building commissioner finds a condition on the amusement device that does not comply with this article, and determines that operation of the amusement device would not cause injury, as defined in ASTM F 1305-94 adopted by reference at 685 IAC 1-2-10, to persons riding, operating, or observing the amusement device, the office will issue a correction order as set forth by IC 22-12-7-4 or IC 22-12-7-7. 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 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*)

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 the office of the state building commissioner finds an amusement device to be in noncompliance with this article and determines that operation of the amusement device may cause injury, as defined in ASTM F 1305-94 adopted by reference at 685 IAC 1-2-10, to persons riding, operating, or observing the amusement device, the office may seal the device or portion of the device out of service as set forth by IC 22-12-7-6. The inspector, on request, shall reinspect the device and, if the condition has been corrected, the office 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*)

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 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, a subsequent inspection date shall be scheduled and 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 notification 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)*

685 IAC 1-4-12 Reinspections

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 12. 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 as practical, but in no event longer than three (3) days after a request. Reinspection for a portion of a device shall be as soon as practical, 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 be operated until it has passed reinspection. *(Regulated Amusement Device Safety Board; 685 IAC 1-4-12; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2980)*

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 in the following manner:

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

(A) any fatalities; or

(B) serious injuries;

that result from a failure of the amusement device. In these cases, the office of the state building commissioner shall determine if the device shall be sealed out of service until an inspection of the site can be performed. If the device is sealed out of service, the office of the state building commissioner shall cause to have performed an inspection within twenty-four (24) hours. Any 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 resulted from a failure of the amusement device that resulted in a known transport to a hospital.

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

(A) Date, time, and location of the incident.

(B) Name, age, and address of victim.

(C) Type of injury.

(D) Hospital where treated, if any.

(E) A description of the accident.

(F) Name and identification number of amusement device involved.

(G) 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)*

Rule 5. Technical Requirements

685 IAC 1-5-1 Technical requirements; scope

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 1. This rule and 685 IAC 1-2-6 through 685 IAC 1-2-8 apply to the following:

(1) Design, manufacture, installation, alteration, repair, equipment, operation, location, maintenance, and removal of every amusement device or any appurtenances connected or attached to such amusement device.

(2) Existing amusement devices that comply with all manufacturer's specifications for the original device shall not be made to comply with manufacturer's specifications for a new amusement device.

(Regulated Amusement Device Safety Board; 685 IAC 1-5-1; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981)

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 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.

(4) Daily operation and inspection logs or checklists.

(5) Personnel training records.

These documents listed above at subsections (3), (4), and (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)*

685 IAC 1-5-3 Maintenance

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 3. All amusement devices, both existing and new, and all parts thereof, shall be maintained in a safe condition. All devices or safeguards that are required by this article, or the manufacturer, in an amusement ride or device when erected, altered, or repaired shall be maintained as set forth in 685 IAC 1-2-5. The owner, or the owner's designated agent, shall be responsible for the maintenance of amusement devices. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-3; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981)*

685 IAC 1-5-4 Amusement device identification

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 4. Every amusement device shall be identified as set forth in 685 IAC 1-2-2 and by a trade descriptive name and an identification number. There shall be permanently attached to every amusement device, in a readily visible location, a metal plate containing the name and identification number of the amusement device, and the name and address of its manufacturer. Upon the same or another metal plate so attached, shall be legibly impressed the maximum safe number of passengers, maximum safe load in pounds, and the maximum safe speed. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-4; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981)*

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 may require that all devices be tested as set forth in 685 IAC 1-2-5. A letter of the results of the examination shall be filed with the commissioner.

(b) Any 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, as set forth in 685 IAC 1-2-5, when the office of the state building commissioner deems it necessary in order to determine whether or not the device is capable of operating in compliance with this rule. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-5; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2981)*

685 IAC 1-5-6 Major modifications of 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.

(b) An 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.

(2) A supplementary serial number.

(3) A certification of the date, maximum capacity.

All 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. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-6; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-7 Repairs

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 7. Repairs must be carried out in accordance with the manufacturer's instructions, and replacement parts shall meet or exceed original equipment specifications. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-7; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-8 Welding, cutting, and brazing

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 8. No welding, cutting, or brazing shall be accomplished where the public can directly observe or be hit by sparks or flying materials generated by the process. All compressed gas, compressed gas cylinders, electrical equipment, and other apparatus associated with welding, cutting, and brazing shall be stored, handled, and meet the requirements of the rules of the regulated amusement device safety board. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-8; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

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 amusement device shall read and become familiar with the contents of the manufacturer's recommended operating instructions and specifications, and 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 amusement device. This subsection shall not apply to amusement devices covered by ANSI B 77.1-1992 as established in 685 IAC 1-2-11, which are aerial tramways, aerial lifts, surface lifts, and tows. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-9; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-10 Overloading and overspeeding

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 10. An amusement device shall not be overcrowded or loaded in excess of its safe passenger capacity, nor shall it be operated at an unsafe speed or at any speed beyond that recommended by the manufacturer. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-10; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-11 Public protection; general

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 11. An amusement device shall not be used or operated while any person is so located as to be endangered by it. Areas in which persons may be struck by a device or similarly injured shall be fenced, barricaded, or otherwise guarded against public intrusion. Track trains on fixed routes with no fencing required by the manufacturer may guard against public intrusion by use of audible and visual safety devices such as horns, bells, whistles, strobe lights, crossing signs, dedicated crossing points, and trained personnel. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-11; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-12 Signal systems

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 12. Signal systems for the starting and stopping of amusement devices shall be provided where the operator of the amusement device does not have a clear view of the point at which passengers are loaded or unloaded. Any code of signals adopted shall be printed and kept posted at both the operator's and signalperson's stations. The signal for the movement or operation of an amusement device shall not be given until all passengers, operators, and other persons who may be endangered are in a position of safety. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-12; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2982)*

685 IAC 1-5-13 Assembly and disassembly; supervision

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 13. The assembly and disassembly of an amusement device shall be done in compliance with this article. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-13; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983)*

685 IAC 1-5-14 Assembly

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 14. Parts shall be properly aligned and shall not be bent, distorted, cut, or otherwise injured to force a fit. Parts requiring lubrication shall be lubricated in the course of assembly. Fastening and locking devices, such as bolts, cap screws, cotter pins, and lock washers shall be installed where required for dependable operation. Welding of parts upon which safe operation depends (critical components) shall be done by welders certified in accordance with the requirements of the American Welding Society. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-14; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983)*

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 that which is acceptable to this article 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)

685 IAC 1-5-16 Tools and equipment

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 16. Persons engaged in the assembly or disassembly of amusement devices shall use tools of proper size and design to enable the work to be done safely. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-16; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983)*

685 IAC 1-5-17 Location

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 17. (a) An amusement device shall be placed on stable blockings or surfaces and be secured to prevent shifting, tipping, swaying, or erratic motion. The provision pertinent to erratic motion or sway does not apply to an amusement device designed to permit flotation characteristics or flexibility. Use of shim blocks shall be limited to the number needed to achieve stability. Drainage shall be provided to prevent water from collecting and softening supporting areas. The area surrounding the amusement device shall be clear and kept free from trash and tripping hazards.

(b) A fixed amusement device permanently erected in an amusement park shall be filed and a design release issued in accordance with the general administrative rules of the fire prevention and building safety commission, 675 IAC 12-6, and shall be set on designed and constructed foundations or footings and secured to these footings in a manner to prevent shifting, tipping, swaying, or erratic motion. The provisions pertinent to erratic motion or sway does not apply to an amusement device designed to permit flotation characteristics or flexibility.

(c) Nothing in this section shall be construed to prohibit the assembly of an amusement device in accordance with the manufacturer's recommendation. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-17; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983)*

685 IAC 1-5-18 Leveling and alignment

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 18. (a) Corner posts, central columns, or support structures of an amusement device designed to operate on a perpendicular axis shall be plumb and secured so that the path of the sweeps or platforms shall be level and operate on a true horizontal plane at right angles to the axis of the pivot. An amusement device whose carriers are designed to operate on a horizontal axis shall be leveled so that the carriers all orbit in a true perpendicular plane. The base of an amusement device employing a combination of orbiting planes or a ride whose carriers operate normally in a plane other than true horizontal or vertical shall be leveled, plumbed, and secured so that they will not tip or shift and will be stable under the most adverse conditions. An exception is bases for amusement devices designed to permit flotation characteristics or flexibility or designed to operate properly whether the base is plumb or not.

(b) Nothing in this section shall be construed to prohibit the assembly of an amusement device in accordance with the manufacturer's specifications. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-18; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2983)*

685 IAC 1-5-19 Number of exits

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 19. (a) All totally enclosed amusement device structures shall have at least two (2) exits located at or near opposite sides of the structure.

(b) If the capacity of the totally enclosed amusement device structure exceeds six hundred (600) persons, exits shall be provided on three (3) sides. If the capacity exceeds one thousand (1,000) persons, the exits shall be located on four (4) sides. Exits shall be uniformly distributed as nearly as possible, and the line of travel from any point to an exit shall not exceed one hundred fifty (150) feet. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-19; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

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 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 protruding nails, splinters, holes, or 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 amusement device or structure that is above or below grade or floor level at the entrance to and exit from such. Unless provided by a manufacturer as a part of the 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.

(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)*

685 IAC 1-5-21 Lighting

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 21. Amusement devices, access thereto, and exits therefrom, shall be provided with illumination by natural or artificial means to guard against personal injuries while in operation or occupied. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-21; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-22 Brakes

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 22. If cars or other components of an amusement device could collide upon failure of normal controls, emergency brakes sufficient to prevent such collisions shall be provided. On devices that make use of inclined tracks, automatic antirollback devices shall be installed to prevent backward movement of the passenger-carrying units in case of failure of the propelling mechanism. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-22; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-23 Speed limiting devices

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 23. An amusement device capable of exceeding its maximum safe operating speed shall be provided with a speed-limiting device. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-23; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-24 Machinery guards

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 24. Machinery used in or with an amusement device shall be enclosed, barricaded or otherwise guarded against contact. Guards removed for maintenance purposes shall be replaced before normal operation is resumed. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-24; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-25 Driving mechanism guards

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 25. Amusement devices shall have the driving mechanism guarded and the guards locked in place to prevent passengers from gaining access to the mechanism. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-25; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-26 Mechanical power transmission

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 26. All power transmission devices and associated moving parts shall be shielded, enclosed, or barricaded to protect the public as specified by the manufacturer. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-26; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2984)*

685 IAC 1-5-27 Interior finish

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 27. The interior and exterior parts of all passenger-carrying amusement devices with which a passenger may come in contact shall be smooth and rounded, free from sharp, rough, or splintered edges and corners, with nonprotruding studs, bolts, screws, or other projections. Interior parts upon which or against which a passenger may be forcibly thrown by the action of the ride shall be padded as specified by the manufacturer. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-27; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985)*

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 safe entrance and exit and for support while amusement device is in operation, shall be provided. Such equipment and the fastenings shall be of such strength to retain the passengers. The fastenings shall be of a type which 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)*

685 IAC 1-5-29 Enclosed 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 amusement device structures shall be designed and constructed to carry safely all loads to which such structures may normally be subjected. Materials used in 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)

685 IAC 1-5-30 Air compressors

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 30. Air compressors, air compressor tanks, and equipment used in connection therewith shall be constructed, equipped, and maintained in accordance with the rules of the Indiana boiler and pressure vessel board under 680 IAC. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-30; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985)*

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 type, design, and 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)*

685 IAC 1-5-32 Hydraulic systems; general

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 32. Hydraulic systems shall be checked for leaks, damaged pipes, and worn or deteriorated hoses. Only manufacturer approved hydraulic fluid shall be used. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-32; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985)*

685 IAC 1-5-33 Relief devices

Authority: IC 22-13-2-8

Affected: IC 22-15-2-7; IC 22-15-7

Sec. 33. Pressure relief valves or devices shall be tested on a periodic basis to ensure that they operate properly. This includes compressed air and gas devices. *(Regulated Amusement Device Safety Board; 685 IAC 1-5-33; filed Apr 3, 1998, 9:30 a.m.: 21 IR 2985)*

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 wiring, equipment, and apparatus used for 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)*

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 Indiana building code under 675 IAC 13 and the 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)*

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 ski lifts, ski tows, J-bars, ski mobiles, chair lifts, and aerial tramways, shall be installed and maintained in accordance with ANSI Standard B 77.1-1992 published by the American National Standards Institute 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*)

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