

DEPARTMENT OF LABOR AND ECONOMIC GROWTH

DIRECTOR'S OFFICE

CARNIVAL AND AMUSEMENT SAFETY

GENERAL RULES

(By authority conferred on director of the department of labor and economic growth by sections 6 and 7 of 1966 PA 225, MCL 408.656 and 408.657, and Executive Reorganization Orders No. 1996-2 MCL 445.2001 and 2003-18, MCL 445.2011)

PART 1. GENERAL PROVISIONS

R 408.801 Scope.

Rule 1. These rules establish administrative and operational procedures for implementation of 1966 PA 225, MCL 408.651 et seq. These rules also establish minimum safety standards for the design, construction, installation, repair, maintenance, use, operation, and inspection of carnival-amusement rides.

History: 1979 AC; 1983 AAC; 2003 AAC.

R 408.802 Safety requirements for carnival-amusement rides and devices.

Rule 2. (1) Electrical wiring, apparatus, and equipment shall be manufactured, installed, and maintained as prescribed in the national electrical code (NFPA 70), 2005 edition, published by the national fire protection association. The provisions of the national electrical code are adopted by reference as electrical standards for the carnival and amusement rides and devices in this state.

(2) These adopted provisions may be purchased for a cost of \$72.50 at the time of adoption of these rules from the National Fire Protection Association, Customer Service Department, 11 Tracy Drive, Avon MA 02322. Telephone 800/344-3555, 617/770-3000, website address: www.nfpa.org. A copy of this code and the general rules of the board are available for public inspection at the Department of Labor and Economic Growth, Bureau of Commercial Services, 2501 Woodlake Circle, Okemos, Michigan, 48864, Phone: 517/241-9233.

(3) The department adopts by reference the ASTM Standards on Amusement Rides and Devices, sponsored by ASTM F-24 Committee 7th Edition, 2004, as it relates to a carnival or amusement ride as defined by the Carnival-Amusement Safety Act, 255 PA 1966. The adopted standards may be purchased for a cost of \$87.00 at the time of adoption of these rules from The American Society for Testing and Materials, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken PA 19428-2959, Customer Service, Telephone: 610-832-9500, website address: www.astm.org. A copy of this code is available for public inspection at the Department of Labor and

Economic Growth, Bureau of Commercial Services, 2501 Woodlake Circle, Okemos, Michigan, 48864, Phone: 517/241-9233.

History: 1979 AC; 1983 AACCS; 2003 AACCS; 2007 AACCS.

R 408.803 Definitions; A to C.

Rule 3. As used in these rules:

(a) "Act" means 1966 PA 225, MCL 408.651 et seq.

(b) "Aerial passenger tramway" means any of the following devices used to transport passengers:

(i) "Single and double reversible aerial tramways" which means devices in which passengers are carried in 1 or more enclosed cars that reciprocate between terminals.

(ii) "Chair lift, gondola lift, and monorail" means a device in which passengers are carried on chairs, cars, or in gondola cabs attached to and suspended from a moving wire rope or attached to a moving wire rope or chain and supported on a standing wire rope, rail, or other structure.

(c) "Amusement park" means a tract or area used principally as a permanent location for carnival-amusement rides.

(d) "Annual inspection" means the official inspection of a ride by the department as prescribed by the act and which conforms with these rules.

(e) "Annual inspection fee" means a fee established as prescribed by section 8 of the act for the annual inspection.

(f) "Average adult passenger" means, for the purposes of design, a person weighing 170 pounds.

(g) "Average child passenger" means, for the purposes of design, a child weighing 75 pounds.

(h) "Board" means the carnival-amusement safety board created by the act.

(i) "Carnival" means an enterprise principally devoted to offering amusement or entertainment to the public in, upon, or by means of, amusement rides or temporary structures in any number or combination, whether or not associated with other structures or forms of public attraction.

(j) "Carnival-amusement ride" or "ride" means a device which carries or conveys passengers along, around, or over a fixed or restricted route or course for the purpose of giving its passengers amusement, pleasure, thrills, or excitement. The terms include rides such as, but not limited to, go-karts, rides on inclined surfaces, and slides. Unpowered playground equipment is not included.

(k) "Containing device" means a strap, belt, bar, gate, or other safety device designed to prevent accidental or inadvertent dislodgement of a passenger from a ride, but which does not actually provide physical support.

History: 1979 AC; 1983 AACCS; 2003 AACCS.

R 408.805 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.806 Definitions; D to N.

Rule 6. As used in these rules:

(a) "Department" means the department of labor and economic growth.

(b) "Device" means a piece of carnival or amusement equipment or mechanism designed to serve a special purpose or perform a special function.

(c) "Director" means the director of the department of consumer and industry services or authorized representative.

(d) "Factor of safety" or "safety factor" means the ratio of the ultimate strength of a member or piece of material to the actual working stress or to the maximum permissible or safe load stress when in use.

(e) "Kiddie ride" means a ride designed primarily for use by children, but which may accommodate adults.

(f) "Load design" or "design load" means the load established by the design engineer for the department for normal operation plus required or acceptable factors of safety. A ride shall be designed to withstand both static and dynamic loads, including dead, live, and wind loads, plus impact.

(g) "Major alteration" means a change in the type or capacity of a carnival-amusement ride or a change in the structure or mechanism that materially affects its function or operation.

(h) "Major breakdown" means a stoppage of operation from whatever cause resulting in damage, failure, or breakage of a structural or stress-bearing part of a ride.

(i) "Major ride" means ride designed to carry a specific number of passengers, adults, or children, either by power or gravity, in cars or other suitable fixtures for conveying persons.

(j) "Miscellaneous ride" means any other ride not specifically provided for, described, or defined in these rules.

(k) "New ride" means a ride for which a permit has not been previously issued by the department for operation in the state, a newly purchased ride, or any other ride upon change of title or ownership.

(l) "No-show fee" means a fee established as prescribed by section 8 of the act for not having a carnival available for inspection as indicated by the notice of routing schedule required by R 408.871.

History: 1979 AC; 1983 AACS; 2003 AACS; 2007 AACS.

R 408.807 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.809 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.811 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.813 Definitions; O to S.

Rule 13. As used in these rules:

(a) "Owner/operator" means a person who owns or controls, or has the duty to control, the operation of 1 or more rides.

(b) "Permit fee" means an annual fee, established as prescribed by section 8 of the act, for a permit to operate.

(c) "Permit to operate" means a permit issued annually by the department to an owner/operator for authorization to operate a ride in this state.

(d) "Person" means an individual, corporation, partnership, firm, limited liability company, organization, or association, including the state and any political subdivision.

(e) "Rated capacity" means a capacity established by the design engineer for the normal loading and operation of a ride or, in the absence thereof, as established by the department after inspection and determination.

(f) "Reinspection" means an inspection, other than the annual inspection made during the current season, of a ride as a result of a major breakdown, major alteration, or for any cause which may be deemed necessary by the department.

(g) "Reinspection fee" means a fee, established as prescribed by section 8 of the act, for a reinspection.

(h) "Restraining device" means a safety belt, harness, chair, bar, or other device which affords actual physical support, retention, or restraint to the passenger of a ride.

(I) "River ride" means a body of water which has flotation devices and which is designed to convey riders around a route or course using an artificially created current.

(j) "Rope," "wire rope," and "cable" are interchangeable, but are not interchangeable with the term "fiber rope."

(k) "Safety retainer" means a secondary safety cable, bar, attachment, or other device designed to prevent parts of a ride from becoming disengaged from the mechanism or from tipping or tilting in a manner hazardous to persons riding on, or in the vicinity of, a ride.

(l) "Sign" means the notices required by section 19 (1) of the act, indicating the applicable rider safety responsibilities defined in section 18 of the act, and the location of stations to report injuries under section 20 of the act.

(m) "Special inspector commission" means a commission issued annually by the department to an owner/operator or to an employee designated by, and in the employment of, an owner/operator.

History: 1979 AC; 1983 AACS; 2003 AACS.

R 408.814 Definitions; W.

Rule 14. "Water slide" means a inclined, nonmechanical amusement ride which has all of the following characteristics:

(a) Consists of 1 or more courses of varying slopes and directions.

(b) Relies on gravity and not a mechanical system to propel its passengers.

(c) Uses water to lubricate the course and to regulate passenger velocity. "Water slide" does not include slides which are not separate amusement rides but which are customarily recreational equipment as evidenced by a vertical drop of 10 feet or less and a total linear slide length of 50 feet or less.

(d) Includes a landing area or runout designed to bring riders to a complete stop and allow them to exit the ride in a safe manner.

History: 1996 AACS; 2003 AACS.

R 408.815 -- R 408.817 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.819 Chains.

Rule 19. Chains shall be referred to according to the material from which they are constructed: alloy steel chains, wrought iron chains, commonly called "dredge chains" or "log chains," and proof coil chains, commonly known as "hardware chains."

History: 1979 AC; 1983 AACS.

PART 2. DESIGN, CONSTRUCTION, AND OPERATION

R 408.821 Certified analysis.

Rule 21. (1) An owner/operator shall furnish a certified stress analysis and other pertinent data deemed necessary by the department for new rides and for all existing rides for which this information may be requested. The stress analysis and other data pertinent to the design, structure, factors of safety, or performance characteristics shall be acceptable to the department.

The data may be requested for, but not limited to, the following materials:

- (a) Parts or components of rides.
- (b) Structural materials, including all of the following:
 - (i) Bars.
 - (ii) Cables.
 - (iii) Chains.
 - (iv) Ropes.
 - (v) Rods.
 - (vi) Tubing.
 - (vii) Pipes.
 - (viii) Girders.
 - (ix) Braces.
 - (x) Fittings.

- (xi) Fasteners.
 - (xii) Trusses.
 - (xiii) Pressure vessels.
 - (xiv) Pressure piping.
 - (xv) Gears.
 - (xvi) Clutches.
 - (xvii) Speed reducers.
 - (xviii) Welds.
 - (xix) Bearings.
 - (xx) Couplings.
 - (xxi) Shaftings.
 - (xxii) Carriers, such as tubs, cars, chairs, gondolas, or seating and carrying apparatus of any description.
 - (xxiii) Axles.
 - (xxiv) Hangers.
 - (xxv) Pivots.
 - (xxvi) Safety bars, harnesses, chains, gates, or other restraining, containing, or retaining devices.
 - (xxvii) Required clearances in entry or exit area of rides.
- (2) Data shall be furnished at the request of the department concerning forces generated by acceleration or deceleration, centrifugal action, or kinetic or other forces which are constant, reversible, or eccentric.
- (3) A stress analysis and prints shall be certified by a professional engineer who is registered in any state of the United States, and all material shall be written in the English language.
- (4) Failure of the owner/operator to submit the requested information shall be cause for the director to deny the issuance of a permit to operate.

History: 1979 AC; 1983 AACS; 2003 AACS.

R 408.822 Rescinded.

History: 1979 AC; 1983 AACS.

R 408.824 Materials and construction.

Rule 24. Structural materials and construction of rides shall conform to established engineering practices, procedures, standards, and specifications. If a designer or manufacturer of equipment wishes to use materials not covered by these rules or by reference to existing standards, full information concerning these materials or methods shall be submitted to the department. The design details, materials, and construction features shall provide safety factors acceptable to the department.

History: 1979 AC; 1983 AACS.

R 408.825 Identification plate.

Rule 25. (1) Carnival-amusement rides shall have an identification plate affixed to a basic part of the ride or structure in such a manner as to be readily accessible to the authorized inspector.

(2) The identification plate shall include, but not be limited to, all of the following data:

- (a) Name of ride.
- (b) Manufacturer.
- (c) Serial number.
- (d) Date of manufacture.
- (e) Speed.
- (f) Capacity.

History: 1979 AC; 1983 AACS.

R 408.826 Protection against moving parts.

Rule 26. (1) Moving machine parts to which employees, patrons, or other personnel might become exposed under any circumstances shall be fitted with safety guards.

(2) Areas on a ride or in its vicinity wherein persons might be struck by, caught in, caught between, or otherwise exposed to, moving parts or hazards shall be adequately fenced, barricaded, shielded, or otherwise guarded to prevent public intrusion or the possibility of any person becoming exposed to a hazard.

History: 1979 AC; 1983 AACS.

R 408.827 Signal systems.

Rule 27. (1) Signal systems shall be provided for controlling starting and stopping of a ride when the operator of the ride does not have a clear view of the point where passengers are loaded or unloaded.

(2) Where the need for coded signals is indicated, the code of signals adopted for operation of the ride shall be printed and kept posted at both the operator's and signal man's stations.

(3) Persons who may be required to use signals shall be carefully instructed in their use and shall be trained to thoroughly understand their operation and meaning. Signal systems shall be tested on each day before operation of the ride. A ride requiring a signal system shall not be operated if the system is not performing correctly.

History: 1979 AC; 1983 AACS.

R 408.828 Safety stop circuits.

Rule 28. Interruption of normal operation by a safety device or through loss of power shall require manual restarting by the operator. Safety stop circuits shall not be bypassed during operation.

History: 1979 AC; 1983 AACS.

R 408.829 Seating and carrying devices.

Rule 29. (1) Tubs, cars, chairs, seats, gondolas, and other carriers used on rides shall be designed and constructed as strong as practical. Their interior and exterior parts with which passengers might come in contact shall be smooth; rounded; free from sharp, rough, or splintered edges or corners; and have no protruding screws or projections which might cause injury. Parts upon or against which passengers might be thrown by action of the ride shall be adequately padded to prevent or minimize the possibility of injury. The upholstery shall be kept in repair, and no loose or flapping portions of upholstery or decoration shall be permitted.

(2) Propellers or other moving parts or decorations attached to tubs, cars, chairs, seats, gondolas, and other carriers shall be securely fastened to such equipment and shall be keyed or otherwise secured so that they cannot come off during operation of the ride. Vanes, canopies, or other attachments which might become disengaged shall be secured with safety straps to prevent their flying away in case of breakage or dislocation.

History: 1979 AC; 1983 AACS.

R 408.830 Restraining and containing safety devices.

Rule 30. (1) When a passenger is subject to accidental or inadvertent dislodgement from a tub, car, chair, seat, gondola, or other carrier, a containing device shall be installed. The device shall be designed and installed with a minimum safety factor of 3.

(2) When a passenger is subjected to normal impact by, or dislodgement from, a tub, car, chair, seat, gondola, or other carrier because of forces generated by the action of the ride, a restraining device shall be installed. The device shall be designed and installed with a safety factor of 4.

History: 1979 AC; 1983 AACS.

R 408.831 Safety retainers.

Rule 31. Tubs, cars, chairs, seats, gondolas, and other carriers used on a ride that depend upon a single means of attachment or support shall be equipped with a safety retainer to prevent the carrier, if it becomes disengaged from its support or attachment, from being catapulted from the ride and to prevent any action of the carrier which might throw the occupants from the carrier while the ride is in motion. This rule only applies to rides or situations determined to be hazardous after inspection by an authorized representative of the department and review of the conditions.

History: 1979 AC; 1983 AACS.

R 408.832 Permit-inspection decal.

Rule 32. (1) After a ride has been inspected and authorized for operation, the department shall issue a permit-inspection decal which shall be affixed to a basic part of the ride structure in such a manner as to be readily accessible to the authorized inspector. The decal shall set forth the identification number issued by the department for the individual ride and other information deemed necessary by the department.

(2) If the ride is transferred to another owner/operator, sold, rebuilt, or undergoes major alterations, it shall be reinspected. Upon completion of the inspection, a new permit-inspection decal shall be issued.

(3) If a ride is transferred to another owner/operator or is sold, the permit-inspection decal shall be obliterated by the owner/operator before the transfer or sale.

(4) If a decal is mutilated so that it is no longer legible, the operator shall notify the department and a new decal shall be issued.

History: 1979 AC; 1983 AACS.

R 408.833 Aerial passenger tramways; adoption by reference.

Rule 33. The standards contained in the American national standards institute safety requirements for aerial passenger tramways, ANSI B77.1-2006, are adopted by reference for aerial passenger tramway amusement rides in this state. This incorporated standard may be purchased from the American National Standards Institute, 25 West 43rd Street, New York, NY 10036, Phone:212/642-4900, Fax: 212/398-0023, at a cost of \$125.00 as of the time of adoption of these rules. A copy of this code, published by the American National Standards Institute, is available for public inspection at www.ansi.org and the Department of Labor and Economic Growth, Bureau of Commercial Services, Carnival-Amusement Safety Board, 2501 Woodlake Circle, Okemos, Michigan, 48864, Phone: 517/241-9233.

History: 1983 AACS; 2003 AACS; 2007 AACS.

R 408.834 Wire rope.

Rule 34. (1) The owner/operator or person designated by the owner/operator shall thoroughly examine wire rope. Wire rope found to be damaged shall be condemned and replaced with new rope of proper design and capacity. Any of the following conditions shall be cause for rope replacement:

(a) In running ropes, 6 randomly distributed broken wires in 1 rope lay, or 3 broken wires in 1 strand in 1 rope lay. A rope lay is the length along the rope in which 1 strand makes a complete revolution around the rope.

(b) In pendants or standing ropes (ropes bearing the entire load and subjected to constant pressure and surge shocks), evidence of more than 1 broken wire in 1 rope lay.

(c) Abrasion, scrubbing, or peening causing loss of more than 1/3 of the original diameter of the outside wires.

(d) Severe corrosion.

(e) Severe kinking, severe crushing, or other damage resulting in distortion of the rope structure.

(f) Heat damage resulting from a torch or arc caused by contact with electrical wires.

(g) Reduction from normal diameter of more than 3/64 inch for diameters up to and including 3/4 inch; 1/16 inch for diameters 7/8 inch to 1-1/8 inches; 3/32 inch for diameters 1-1/4 inches to 1-1/2 inches. Marked reduction in diameter indicates deterioration of the core resulting in lack of proper support for the load-carrying strands. Excessive rope stretch or elongation may be an indication of internal deterioration.

(h) Bird-caging or other distortion resulting in some members of the rope structure carrying more load than others.

(i) Noticeable rusting or development of broken wires in the vicinity of attachments. If this condition is localized in an operating rope, the section in question can be eliminated by making a new attachment. This may be done rather than replacing the entire rope.

(2) Wire ropes used to support, suspend, bear, or control forces and weights involved in the movement and utilization of tubs, cars, chairs, seats, gondolas, other carriers, the sweeps or other supporting members of a ride or device shall not be lengthened or repaired by splicing.

(3) Couplings, sockets, and fittings shall be of a design and type approved by the board and installed in accordance with the instructions or specifications of the designer, engineer, or manufacturer.

History: 1979 AC; 2003 AACS.

R 408.835 Wooden components.

Rule 35. Footings, splices, uprights, track timbers, ledgers, sills, laps, bracing, flooring, and all other wooden components of rides, and structures shall be inspected for deterioration, cracks, or fractures. Wooden members found to be defective shall be replaced with material of equal or greater strength and capacity. Repairs and replacements to fixed roller coasters shall be made in accordance with the recommendations of the manufacturer.

History: 1979 AC; 1983 AACS.

R 408.837 Ride location.

Rule 37. (1) A ride shall be placed on solid footings and shall be secured to prevent shifting, tipping, swaying, or erratic motion. The provision pertinent to erratic motion or sway does not apply to a ride designed to permit flotation characteristics or flexibility. Use of shim blocks shall be kept to a minimum. Depressions in the ground near the ride footings shall be filled and tamped and adequate means of drainage shall be provided to prevent water from collecting and

softening supporting areas. The area surrounding the ride shall be clear and shall be kept free from trash and tripping hazards.

(2) A fixed ride permanently erected in an amusement park shall be set on properly designed and constructed foundations or footings and shall be secured to these footings in a manner to prevent shifting, tipping, swaying, or erratic motion. The provision pertinent to erratic motion or sway does not apply to a ride designed to permit flotation characteristics or flexibility.

(3) A ride shall not operate at 1 location for more than 30 days unless either approved foundations or footings are installed, according to the recommendations of the manufacturer.

History: 1979 AC; 1983 AACS; 2003 AACS.

Editor's Note: An obvious error in R 408.837 was corrected at the request of the promulgating agency, pursuant to Section 56 of 1969 PA 306, as amended by 2000 PA 262, MCL 24.256. The rule containing the error was published in Michigan Register, 2003 MR 1. The memorandum requesting the correction was published in Michigan Register, 2003 MR 2.

R 408.838 Leveling and alignment.

Rule 38. Corner posts, central columns, or support structures of a ride 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. A ride with carriers designed to operate on a horizontal axis shall be leveled so that the carriers orbit in a true perpendicular plane. The base of a ride that has a combination of orbiting planes or a ride that has carriers that operate normally in a plane other than true horizontal or vertical shall be leveled and plumbed and secured so that they will not tip or shift and will be stable under the most adverse operating conditions, except for a ride designed to permit flotation characteristics or flexibility or designed to operate properly whether the base is plumb or level or not.

History: 1979 AC; 2003 AACS.

R 408.839 Gravity rides.

Rule 39. Except for water slides regulated under the provisions of R 408.839a, a ride which is installed on an inclined surface, which depends on gravity for its operation to convey a passenger from the top of the incline to the bottom, and which conveys a passenger in or on a carrier, tube, bag, bathing suit, or clothes shall, in addition to other applicable rules, be in compliance with all of the following provisions:

(a) A track, slide, or chute portion of a ride that conveys a carrier shall be designed and constructed to have a minimum safety factor of 3.

(b) A chute that conveys passengers who are not on or in a carrier shall be designed and constructed to have a minimum safety factor of 2.

(c) A carrier shall be designed and constructed to have a minimum safety factor of 5.

(d) A ride that uses carriers shall be designed and constructed to retain the passengers in or on a carrier during the operation of the ride and to retain the carrier on or within the track, slide, or chute system during the operation of the ride.

(e) A ride that conveys passengers who are not on or in a carrier shall be designed and constructed to retain the passengers within the slide or chute during the ride.

(f) At each loading and unloading area, a hard surface which is other than earth and which is reasonably level shall be provided. The surface shall be large enough to accommodate the intended quantity of passengers.

(g) If the elevation of a loading surface and an unloading surface of a ride is more than 12 inches above the elevation of an adjacent area, then guardrails shall be installed on the exposed sides of the loading and unloading area.

(h) Passengers shall not have to step up or down more than 12 inches from the loading or unloading surface to enter or exit the ride.

(i) The frequency of departure of carriers from the loading area shall be controlled by a ride operator. The minimum distance or time between departures shall be determined by the director.

(j) If a passenger has control of the speed or course of a carrier, then the passenger shall have a clear view along the course of the ride for a distance that would allow the passenger to avoid a collision with another person or carrier.

(k) The unloading area of the ride shall be designed and constructed to bring occupied carriers to a safe stop within the confines of the ride without any action by the occupant.

(l) The ride shall have an operator located at the loading area and an attendant at the unloading area.

(m) If the entire ride is not visible to the operator, then additional persons shall be located at other stations along the ride to assure complete surveillance of the entire ride.

Two-way communication shall be provided between the operator and other attendants of the ride.

History: 1983 AACCS; 1996 AACCS.

R 408.839a Water slides.

Rule 39a. A water slide that conveys passengers shall, in addition to other applicable rules, be in compliance with all of the following requirements:

(a) Each water slide shall be designed and constructed to have a minimum safety factor of 2.

(b) Each water slide shall be designed and constructed to retain the passengers within the water slide during the ride.

(c) At each loading area, a hard surface which is other than earth and which is reasonably level shall be provided. The surface shall be large enough to accommodate the intended quantity of passengers.

(d) If the elevation of a loading surface of a water slide is more than 12 inches above the elevation of an adjacent area, then guardrails shall be installed on the exposed sides of the loading area.

(e) A water slide may terminate in a swimming pool or in a body of water such as a lake, river, stream, or artificial lake or reservoir. The design of the slide and its termination point shall meet the requirements of the act and these rules.

(f) If the landing area or runout of a waterslide is in a public swimming pool, the landing area or runout of the waterslide shall be specified by the designer in accordance with R 408.821 of these rules. Swimming in this area, other than to exit the flume or landing or runout area, is prohibited.

(g) If the landing area or runout of a waterslide is in an enclosed tank or in a pool used only to exit the waterslide ride, the landing area or runout shall be specified by the designer in accordance with R 408.821 of these rules. This landing area or runout is not a public swimming pool.

(h) The quality of the water in a swimming pool termination point is governed by rules for public swimming pools promulgated pursuant to the provisions of 1978 PA 368, MCL 333.12522, and administered by the department of environmental quality. The quality of water in a termination point other than a swimming pool is governed by rules for bathing beach water quality promulgated pursuant to the provisions of 1978 PA 368, MCL 333.12544, and administered by the department of environmental quality.

(i) A water slide shall have at least 1 attendant located at the loading area at all times when the ride is being operated for the use of the public.

A water slide attendant shall be trained, prepared, and capable of controlling the frequency of departure of passengers from the loading area. The design and operation of a loading area common to more than 1 course shall permit an attendant to remain knowledgeable of the disposition of each passenger. One attendant shall be sufficient to dispatch riders on more than 1 course from a common loading area, if a mechanical system or operational controls are used to regulate rider dispatch on each affected course.

(j) There shall be at least 1 attendant in the unloading area at all times when the ride is being operated for the use of the public. An attendant in an unloading area shall be trained in cardiopulmonary resuscitation and shall be trained, prepared, and capable of assisting any passenger exiting the water slide. One attendant shall be sufficient to operate the termination point common to more than 1 water slide, if the owner-operator of the water slide shall provide sufficient attendants in the unloading area to ensure that each attendant can scan the entire area for which he or she is responsible every 10 seconds and respond within the area within 20 seconds.

(k) If the entire water slide is not visible to the attendant at the loading area or if the attendant is controlling entry to multiple courses, then some form of 2-way communication shall be provided between the attendants of the ride to ensure that passenger loading is stopped if there are problems.

History: 1996 AACS; 2003 AACS.

R 408.840 Rescinded.

History: 1979 AC.

R 408.841 Hazardous conditions.

Rule 41. During a lightning storm, high-wind storm, a period of tornado alert or warning, or fire, or when violence, riot, or other civil disturbance occurs or threatens to occur in an amusement park, a carnival lot, or in an adjacent area, passengers shall be evacuated from a ride and the ride shall be shut down and secured immediately. Operation shall not resume until the situation has returned to a normal, safe operating condition.

History: 1979 AC; 1983 AACS; 2003 AACS.

R 408.843 Personal injuries and deaths.

Rule 43. (1) Provision shall be made to render first aid when persons are injured on or around any ride.

(2) An owner/operator shall report, in writing to the department, an accident resulting in injury to any person within 24 hours after occurrence.

(3) In addition to the requirements of subrule (2) of this rule, the owner/operator shall immediately report to the department by telephone any accident in which a fatality occurs or a person suffers a fracture, concussion, laceration, or other traumatic injury requiring immediate surgical or medical care resulting from structural or mechanical failure of a ride, or in which it might appear that the construction, design, or function of the ride is directly involved. If an accident specified in this subrule occurs on a non-workday of the department, the owner/operator shall report the incident to the department by 9:00 a.m. of the next business day. The department, after consultation with the owner/operator, may require that the scene of an accident be secured and not disturbed to any greater extent than necessary for removal of the deceased or injured persons. If a ride is removed from service due to an accident, the department shall order an immediate investigation of the secured site and the ride shall be released for repair and operation only after the investigation is completed.

History: 1979 AC; 1983 AACS; 2003 AACS.

R 408.844 Mechanical failure reports.

Rule 44. The owner/operator of a carnival-amusement ride shall report a major breakdown to the department within 24 hours after occurrence of the incident by telephone or other media of immediate communication. The owner/operator shall confirm this report using the form provided by the department. This report shall be forwarded to the department within 7 days after the occurrence of the reportable incident. Upon being advised of a major breakdown, the department may order the ride to be withheld from operation and the department shall conduct an immediate investigation. The ride shall be released for repair and operation only after completion of the department investigation.

History: 1979 AC; 1983 AACS; 2003 AACS.

R 408.846 Fire prevention and protection.

Rule 46. (1) An owner/operation shall be responsible for the establishment of fire prevention procedures and emergency control measures. Fire prevention procedures shall include the treatment of fabrics and flammable structural materials, the location and identification of means of egress, and other control measures or procedures to assure the safety of a person frequenting an amusement park or carnival.

(2) An owner/operator shall provide covered metal containers for flammable waste, such as oily rags and other flammable materials, which shall be kept in easily accessible locations. Such containers shall be located so that they do not obstruct means of ingress or egress or aisles.

(3) An owner/operator shall provide and maintain portable fire extinguishers of the classification, capacity, and number prescribed by the department.

(4) An owner/operator shall store and handle liquid petroleum gases employed as fuel for internal combustion engines, for heat, or for illumination in a manner approved by the department.

(5) An owner/operator shall store and handle flammable liquids in a manner approved by the department. Bulk storage (quantities of more than 60 gallons) shall not be permitted in the area accessible to the public.

History: 1979 AC; 1983 AACS.

R 408.848 Control and operation.

Rule 48. (1) A ride shall be operated by a person who is trained to operate the ride.

The operator of a ride designed for the exclusive use of children and the operator of other rides for which the operator does not have mechanical or electrical controls shall be not less than 16 years of age. For all other rides, an operator shall be not less than 18 years of age.

(2) An operator shall have knowledge of the use and function of normal operating controls, signal systems, and safety devices applicable to the ride and of the proper use, function, capacity, and speed of the particular ride at all times that it is being operated. When the ride is shut down, provision shall be made to prevent the ride from being operated by the public. A person other than a trained operator shall not be permitted to handle the controls of a ride during normal operation, except where the ride is designed to be controlled by the passenger.

(3) This rule does not apply to water slides governed by the provisions of R 408.839a.

History: 1979 AC; 1983 AACS; 1996 AACS.

R 408.849 Overspeeding and overloading.

Rule 49. A ride shall not be loaded beyond its rated capacity and shall not be operated at an unsafe speed or at any speed other than that prescribed by the design engineer or manufacturer. When this information is not obtainable, the criteria

for safe operating speeds and rated capacity shall be established by the department. A ride constructed to be capable of exceeding maximum safe operating speed shall be provided with a maximum speed limiting device or governor. Modification of this requirement may be granted by the director after inspection and a determination that the public safety is secured.

History: 1979 AC; 1983 AACS.

R 408.851 Brakes and stops.

Rule 51. On a ride where coasting renders the load, the unloading, or the operation dangerous, or in case of power failure or other unforeseeable situation, a method of braking shall be provided. Where rollback might create a hazard, anti-rollback device shall be provided.

History: 1979 AC; 1983 AACS.

R 408.852 Air compressors.

Rule 52. An air compressor, including the tanks, piping, and safety equipment, in an amusement park or carnival shall be constructed, equipped, and maintained to ensure safe operation at all times. An air receiver shall be constructed and a safety relief valve shall be constructed, installed, and maintained in accordance with ASTM amusement device standards.

History: 1979 AC; 1983 AACS; 2003 AACS; 2007 AACS.

R 408.854 Illumination.

Rule 54. (1) Adequate illumination shall be provided for operation, adjustment, maintenance, assembly, and disassembly operations and inspection of a ride.

(2) Adequate illumination shall be provided at all regular and emergency exits of a ride operated in an enclosed area so that safe egress from the area is assured.

History: 1979 AC; 1983 AACS.

R 408.856 Internal combustion power sources.

Rule 56. (1) Internal combustion power sources shall be of a type, design, and capacity to handle the design load.

(2) Fuel tanks shall be of adequate capacity to permit uninterrupted operation during normal operating hours. Where it is impossible to provide tanks of proper capacity for a complete day, the ride shall be shut down and unloaded or evacuated during the refueling procedure. Under no circumstances shall the fuel supply be replenished while the engines are running.

(3) An enclosed area in which an internal combustion engine is operated shall be ventilated. Exhaust fumes from the engine shall be discharged outside the area. The equipment shall be properly grounded.

(4) Internal combustion power sources shall be located in a manner permitting proper maintenance and shall be protected either by guards, fencing, or an enclosure to prevent exposure to hazards and to secure the equipment from the public.

History: 1979 AC; 1983 AACCS.

R 408.857 Rescinded.

History: 1979 AC.

R 408.858 Rescinded.

History: 1979 AC.

PART 3. PROCEDURES

R 408.871 Applications for permits to operate; routing schedules.

Rule 71. Before operation each year, the owner/operator of a ride shall apply for a permit to operate rides in this state for the forthcoming season as prescribed in the act. The application shall be made upon forms to be furnished by the department. The application shall be accompanied by a certificate of insurance or surety bond indicating that the owner/operator has obtained insurance in the amount conforming to section 16 of the act. As early as possible before operation each year, the operator shall submit to the department a notice of his or her routing schedule, identifying the rides that he or she intends to operate and the dates and locations where they will be used. Notice of cancellation of location dates, previously unscheduled dates, or emergency dates shall be forwarded to the department immediately by telephone or other means of immediate communication and shall be confirmed in writing. Upon receipt of the application for permit and notice of routing schedule, an inspector shall be assigned to make the required inspection.

History: 1979 AC; 1983 AACCS.

R 408.872 Emergency applications for permits to operate.

Rule 72. When an owner/operator has not previously intended to operate a ride in this state and has not made application for a permit to operate, the owner/operator, upon confirming a Michigan booking, shall notify the department and apply for a permit to operate. The notice shall be given not less than 30 days before the book date. When an emergency booking makes the 30-day notice impossible, the

owner/operator shall notify the department of the booking by telephone or other means of immediate communication and shall confirm this notice in writing. The director shall schedule and arrange for inspection of the rides and the issuance of a permit to operate as will best serve the needs of the owner/operator and the orderly administration of the act and these rules.

History: 1979 AC; 1983 AACCS.

R 408.873 Inspection and authorization to operate individual rides.

Rule 73. (1) A ride operating in this state shall be subjected to a thorough inspection and tests as required by the act. The scope of these tests and inspection and the manner and method of their execution shall be established by the department. To confirm that a ride or device conforms to these rules, the results of the inspection shall be recorded by the inspector upon forms furnished by, and filed with, the department.

(2) Upon receipt of the inspection forms and certification that the ride meets the standards established for its operation, and upon receipt of the required inspection and permit fees, the department shall issue an authorization to operate the ride which has been inspected.

(3) No person shall operate a ride unless it has been inspected and an authorization to operate has been issued to that person by the department. However, a ride inspected and covered by a valid authorization to operate in the preceding year may continue to operate until further inspected if the requirements contained in R 408.871 are met.

(4) No person shall operate a new ride or one which has undergone major alteration until it has been inspected and an authorization to operate is issued by the department.

History: 1979 AC; 1983 AACCS.

R 408.874 Daily inspection.

Rule 74. A ride shall be inspected and tested on each day it is intended to be used. This inspection shall be made by a person commissioned to perform such inspections by the director. Results of these daily inspection and performance tests shall be recorded in the manner prescribed, and on forms provided, by the department and shall be certified by the person commissioned to perform these inspections. These inspection reports shall be retained at the operation site until the next inspection is conducted by the director. An owner/operator shall not knowingly use, or permit to be used, a ride which is not properly assembled or which is defective or unsafe in any of its parts, controls, or safety equipment.

History: 1979 AC; 1983 AACCS.

R 408.876 Rescinded.

History: 1979 AC; 2003 AACS.

R 408.877 Permit and inspection fees; receipt and disbursement.

Rule 77. (1) Revenue from permits, annual inspections, reinspections, special inspector commissions, or for any other services or requirements prescribed by the act or the rules shall be paid to the department. Checks for these fees shall be made payable to "State of Michigan."

(2) An owner/operator or his or her agent or representative is not required to make payment in any form for any service or any cause or purpose to an inspector or other representative of the department or the board.

History: 1979 AC; 2003 AACS.

R 408.881 Functions of department generally.

Rule 81. (1) The department shall administer and enforce the provisions of the act and the rules promulgated in accordance with the provisions of the act, and shall do all of the following:

(a) Receive and review applications for permits to operate rides and devices and for special inspector commissions.

(b) Receive and issue receipts for all of the following:

(i) Fees for permits to operate rides and devices.

(ii) Fees for inspection for authorization to operate individual rides and devices.

(iii) Fees for special inspector commissions.

(iv) Fees for reinspections.

(c) Determine whether or not an applicant for a permit to operate rides or devices or for a special inspector commission conforms to these rules for the issuance of a permit or commission and reject an application upon good cause.

(d) Issue, upon payment of the proper fees, permits to operate rides and devices, identification symbols, special inspector commissions to qualified applicants, and authorization to operate specific rides and devices conforming to these rules.

History: 1979 AC; 2003 AACS.

R 408.882 Granting of waivers or variances by the department.

Rule 82. (1) The department may, in consultation with the board, grant a waiver or variance in a situation where practical difficulties or unnecessary hardship to comply with the rules is established so long as public safety is secured.

(2) An owner/operator or other person subject to the act or these rules shall file a written request for a waiver or variance with the department in accordance with the provisions of R 408.891.

(3) The department shall notify the owner/operator, in writing, of the department's decision to grant or to deny a waiver or variance. If a waiver or variance is granted by the department, the written notice to the owner/operator shall describe the conditions under which the waiver or variance is permitted, and a time limit, if

any. A record of the waiver or variance shall be kept at the Department of Labor and Economic Growth, Bureau of Commercial Services 2501 Woodlake Circle, Okemos, Michigan, and be open to inspection by the public.

History: 1979 AC; 2003 AACS; 2007 AACS.

R 408.883 Director; inspections.

Rule 83. The director shall schedule and arrange for the inspection and reinspection of rides and devices as will best serve the needs of the owner/operator and the orderly administration of the act and these rules.

History: 1979 AC.

R 408.885 Suspension and revocation of permits to operate.

Rule 85. The department, subject to the appeal provisions in R 408.891, may suspend or revoke the permit to operate of an owner/operator for any of the following:

- (a) Gross negligence.
- (b) Repeated disregard of inspection standards.
- (c) Misrepresentation of material information required as part of the application for a permit to operate.
- (d) Failure to comply with a safety order issued by the department.
- (e) Conduct in the operation of a carnival or an amusement park with disregard for public safety and welfare.
- (f) Lapsing of the required insurance coverage.
- (g) Failure to pay fees within 30 days after issuance of authorization to operate rides or devices that are required under the provisions of the act and these rules.

History: 1979 AC; 2003 AACS.

R 408.886 Suspension and revocation of special inspectors' commissions.

Rule 86. The department, subject to the appeal provisions in R.408.891, may suspend or revoke a special inspector commission for any of the following:

- (a) Gross incompetence or gross negligence in the performance of duties and responsibilities for which a commission is granted.
- (b) Misrepresentation.
- (c) Violation of the act or these rules.
- (d) Other conduct prejudicial to the safe and proper operation and maintenance of a ride or device and capable of affecting the public safety and welfare.

History: 1979 AC; 2003 AACS.

R 408.887 Functions of special inspectors or owner/operators.

Rule 87. A special inspector or the owner/operator shall do all of the following:

(a) Certify to the daily inspection reports required by these rules which he or she has prepared and completed or caused to be prepared and completed.

(b) Be responsible for making prompt and timely reports of all matters requiring reports as provided by the act or these rules.

(c) Be present on the premises when a ride or device is being operated for use by the public. The number of special inspectors required shall be determined by the department and shall be in reasonable ratio to the number of rides and devices being operated.

History: 1979 AC; 2003 AACS.

R 408.891 Requests for waivers or variances; appeals of denials or suspension of permits; procedures.

Rule 91. (1) An owner/operator or other individual who seeks a waiver or variance to a requirement in these rules may file a request with the department for a review by the carnival amusement safety board. The request shall be in writing and describe the reason for the requested variance and indicate the means by which public safety will be assured if the variance is granted.

(2) The department shall notify the person filing a request for a variance of the date and location of the board meeting at which the request will be reviewed. The Board may also request additional information to support the request for waiver or variance.

(3) Owners/operators filing a request for a waiver or variance have the right to appear before the board to provide information and answer questions. However, personal appearance before the board is not mandatory for a request for a waiver or variance to be considered.

(4) The department shall notify, in writing, the persons filing a request for a waiver or variance whether the request is granted or denied.

(5) If the request for waiver or variance is denied, owners/operators may file an appeal, in writing, for reconsideration of the denial and have the right to appear before the board and to be represented by counsel. However, personal appearance before the board is not mandatory for an appeal to be considered.

(6) Owners/operators who have been affected by a decision of the department based upon R 408.885 or R 408.886 may also file an appeal, in writing, for review of the decision.

(7) The department shall notify persons filing an appeal of the final decision in writing.

(8) A record of appeals and their disposition shall be retained in the offices of the Department of Labor and Economic Growth, Bureau of Commercial Services, 2501 Woodlake Circle, Okemos, Michigan, and be available for public inspection.

History: 1979 AC; 2003 AACS; 2007 AACS.

PART 4. PARTICIPATORY RIDES--GO-KARTS

R 408.891a Definitions.

Rule 91a. As used in this part:

(a) "Go-kart" means a powered, wheeled vehicle that is driven by a person who controls the speed, braking, and direction of a vehicle on a designated track.

(b) "Go-kart driver" means the person who is in control of the speed, direction, and braking of the go-kart.

(c) "Go-kart ride" means an amusement ride consisting of a designated track and the go-karts approved to operate on the track.

(d) "Go-kart rider" means the person or passenger who is accompanying the go-kart driver and who is in a separate seat.

(e) "Go-kart ride attendant" means an individual employed by the go-kart track facility to properly fuel go-karts, educate the patron on safe go-kart riding, and verify go-kart driver and go-kart rider security and safety before, and until completion of, the go-kart ride.

(f) "Remote idle system" means a braking system used as a safety device by a go-kart ride attendant to reduce or disable engine power of a go-kart.

History: 1998-2000 AACCS.

R 408.893 Manufacturer recommendations; repair records; go-kart construction; protection against damage; signs; throttle and brake locations; maximum speeds; protective cover; driver and rider restraints.

Rule 93. (1) Owner-operators shall follow manufacturer recommendations for maintenance, operational safety standards, and performance criteria as related to inspections of the go-kart ride.

(2) Go-kart ride managers or owner-operators shall maintain written repair records for each go-kart. Repair records shall be made available to the department upon request.

(3) The rules pertaining to inspection, maintenance, and operational safety standards of go-kart rides shall apply to all go-kart operations as of the effective date of these rules.

(4) Go-karts shall be constructed so that the wheels from 1 go-kart cannot engage or override the wheels of another go-kart when operating in wheel-to-wheel competition or with other go-karts in operation on the track.

(5) Go-karts shall be equipped with a fuel storage tank system that will not leak more than 1/2 ounce of fuel over a 5-minute period from the fuel storage system when the go-kart is turned on either side or upside down. A go-kart shall be equipped with protection against damage due to a collision with another go-kart or track obstacle.

(6) Signs stating "no bumping" or similar wording shall be posted on the rear of all go-karts and shall be included on all go-kart rider rules and instructions signs.

(7) Throttle and brake locations on go-karts shall be clearly identified by painting or otherwise coloring the throttle controls green (go) and brake controls red (stop).

(8) Maximum speeds for go-karts shall be based on manufacturer and track designer recommendations.

(9) Go-karts shall have a protective cover over moving or heated parts of the engine and drivetrain system to prevent accidental occupant contact with the components. The body of the go-kart may serve as a protective cover.

(10) Go-karts shall have go-kart driver and go-kart rider restraints and rollover protection.

History: 1998-2000 AACCS; 2005 AACCS.

R 408.895 Barrier/rail system; open area track; surfaces; tires; intersections; fire extinguishers; patron entrance; fueling facilities; go-kart direction; pit lanes.

Rule 95. (1) Go-kart tracks shall have a barrier/rail system which meets or exceeds manufacturer recommendation and which confines the operations of the go-kart to a defined area.

(2) In an open area track, or grand prix-type track, only 1 go-kart may be operated by 1 go-kart driver in a solo race against the clock. A grassy area is acceptable in place of a barrier/rail system.

(3) Go-kart track surfaces shall be constructed of solid, hard-surface materials and maintained in good repair and free of debris.

(4) Tires used for a barrier system shall consist of automotive-type tires, shall be free of rims or wheels, and shall be securely fastened to each other or anchored, or both. Spinner tires used in pit areas for entry safety spinners shall be mounted on rims and installed on a rigid spindle.

(5) To avoid either side or head-on collisions, there shall be no intersections in the go-kart track that enable go-karts to cross one another's paths in any direction on the same track level.

(6) A minimum of a 20 pound A/B/C-rated fire extinguisher shall be located in the pit area. There shall be a minimum of 3 other fire extinguishers on the premises. One of the fire extinguishers shall be located within 70 feet of any point of the go-kart track and facilities.

(7) The patron entrance to and exit from go-kart track pit areas shall be fenced and controlled by gates equipped with a self-closing and self-latching mechanism.

(8) Fueling facilities for a go-kart ride shall be in compliance with all applicable local, state, and national regulations regarding the fueling facilities.

(9) Markings or signs indicating the direction of go-kart travel and identifying pit lanes shall be clearly visible to go-kart drivers.

History: 1998-2000 AACCS.

R 408.897 Remote idle system; employee training; fueling; hazardous situation signals; driver instruction; passenger age restrictions; smoking prohibited; use of restraints; night illumination.

Rule 97. (1) Effective May 1, 2000, each go-kart shall be equipped with a receiver for a remote idle system. A go-kart ride attendant shall control the remote idle system.

(2) If the remote idle system becomes inoperable and requires repair, then the track owner-operator shall make a written request to operate the go-kart rides until the repair is completed. The duration of the repair period shall not be more than 30 days.

(3) Go-kart ride attendants shall receive training in all of the following areas:

(a) Basic emergency handling.

(b) Basic fire suppression equipment.

(c) Fueling.

(d) The operation of the remote idle system.

(4) A person shall not be in a go-kart during fueling. A go-kart's engine shall be turned off during fueling or refueling.

(5) Go-kart fueling operations shall be performed a minimum of 10 feet from any person not directly involved in the procedure.

(6) Go-kart fueling shall be performed in a manner consistent with local, state, and national fire codes and industry standards.

(7) Go-kart safety and fueling procedures shall be set out in written form by the owner-operator and signed by each go-kart ride attendant in accordance with manufacturer recommendations and industry practices.

(8) A go-kart special inspector shall conduct a daily pre-opening inspection of the go-karts, pit area, and go-kart track facilities in accordance with manufacturer and go-kart track designer recommendations.

(9) Go-kart ride attendants shall be positioned to reach any part of the go-kart track within 20 seconds.

(10) A go-kart ride attendant shall see all portions of the go-kart track with an unobstructed view. If the entire go-kart track is not visible to a go-kart ride attendant, then some form of 2-way communication shall be provided to go-kart ride attendants, to permit monitoring of the entire track and to ensure go-kart ride safety.

(11) A go-kart ride attendant shall verify that all go-kart driver and go-kart rider restraints are properly secured before the go-kart ride starts.

(12) Audio and visual directives shall be provided to signal go-kart drivers of hazardous situations.

(13) A go-kart ride attendant shall not allow a person who appears to be under the influence of an intoxicant to participate in a go-kart ride.

(14) Instructions shall be given to each go-kart driver and go-kart rider about go-kart ride safety rules. The instructions shall clearly identify the fuel and brake activator controls and shall include the operation of the remote idle system.

(15) A go-kart rider in a 2-seat go-kart shall be accompanied by a go-kart driver who is a minimum of 16 years of age.

(16) A track owner-operator shall ensure that go-kart drivers and riders do not smoke while operating a go-kart and shall ensure that no one smokes while in the pit or fueling area of a go-kart track.

(17) Go-kart ride attendants shall be clearly identifiable by patrons.

(18) All go-kart riders in multiple-rider go-karts shall occupy separate seat positions, side by side, and use separate restraints. Children not able to ride independently in a separate seat and separate restraint shall not be permitted to ride.

(19) A go-kart track that operates at night shall be lighted so that the go-kart driver, go-kart rider, and go-kart ride attendant can see the go-kart track.

History: 1998-2000 AACCS.

PART 5. SIGNS AND SAFETY WARNINGS

R 408.898 Signs and safety warnings; requirements.

Rule 98. (1) An owner/operator shall display legible signs at all locations required in section 19 (1) of the act, as follows:

(a) Signs shall be a minimum size of 18 inches by 24 inches, with the size of printed lettering in proportion to the size of the sign.

(b) Signs at park entrances and other locations defined in section 19(1) of the act shall have standard language to indicate rider responsibilities defined in section 18(1) and (2) of the act as follows:

THE FOLLOWING STATE LAW REQUIREMENTS WILL HELP TO ASSURE YOUR SAFETY.

PLEASE OBEY ALL POSTED SAFETY RULES AND ORAL INSTRUCTIONS FROM RIDE OPERATORS:

Avoid any action that may injure you or others.
Stay within the limits of your ability.
Use safety devices at all times.
Do not interfere with safety devices.
Do not disconnect or disable safety devices.
Do not touch the operator's controls.
Do not extend your arms or legs beyond the carrier or seating areas.
Do not throw or drop any object from or towards a ride.
Get off ride properly at the designated time and place.
Control the speed or direction of the ride or your body as instructed.
Do not interfere with safe operation of any ride.
Do not swing or bounce on rides unless instructed.

YOU MAY NOT GET ON A RIDE UNLESS:

You know how to get on, use, and get off the ride.
You have read, understood, and meet each ride's posted signs and safety requirements.
You know the limits of your ability and that the ride will not exceed your limits.
You are not under the influence of alcohol or drugs.
You are authorized by the operator to get on the ride.

(2) Operators may customize wording on signs posted at individual carnival amusement rides, as required by section 19(2) of the act. Signs at individual rides shall include the specific instructions necessary for safe operation of the ride. The signs shall include all of the following categories of information:

- (a) Operational instructions.
- (b) Safety guidelines for riders.
- (c) Restrictions on use of the ride.
- (d) Behavior or activities which are prohibited.

(3) To comply with sections 18, 19, and 20 of the act, all signs shall include the following statement:

"State law requires riders to obey all warnings and directions for carnival or amusement rides, and behave in a manner that will not cause or contribute to the injury of themselves or others. Riders must report injuries prior to leaving the premises."

(4) The location for reporting injuries shall be listed in bold letters at the bottom of each sign.

History: 2003 AACCS.