

## Elevated Devices Act

### **Waterslides — general**

- 90 (1) Design specifications shall show the maximum allowable rider velocity for each flume.
- (2) The support structure, flumes and foundations shall be designed to include provision for lightning protection and lightning arresters in accordance with the Canadian Electrical Code, as amended in British Columbia.
- (3) All work shall be carried out in a workmanlike manner.
- (4) All turns shall be sufficiently banked to keep the riders safely within the flumes.
- (5) All associated electrical devices and systems, such as underwater lighting, shall be inspected and approved by the authority having jurisdiction prior to the issuing of an initial certificate to operate.

### **Waterslides — guards and safety**

- 91 (1) All surfaces where riders may walk shall be slip resistant.
- (2) All walkway surfaces shall be sloped a minimum of 10 mm per metre and a maximum of 50 mm per metre.
- (3) All walkways, paths and aisles shall be located a minimum of one metre from the edge of the flumes or protected by an acceptable barricade.
- (4) The pool dimensions shall be designed to safely accommodate the discharge pattern of the rider from the flume.
- (5) All surfaces of the flume section shall be maintained to be free of cracks or sharp edges and the joints between the sections of the flumes shall be flush.
- (6) All water openings shall be sufficiently guarded to prevent riders from being trapped or entangled.
- (7) The dispatch areas shall be so designed and maintained as to control the riders in a safe and acceptable manner.

### **Waterslides — water levels, water quality and flow control**

- 92 (1) The splash pool shall be a minimum of one metre in depth in the discharge area.
- (2) The water shall be kept sufficiently clear at all times to enable a person to see the bottom of the splash pool.
- (3) A suitable means shall be provided to individually control the rate of water flow on each slide and shall include a method of locking the control unit in any position.
- (4) The water quality shall meet the standards of the authority having jurisdiction.

### **Waterslides — communication and signs**

- 93 (1) A communication system between the flume dispatch area, the discharge area and the office or permanently manned control centre shall be installed and maintained to provide reliable communication at all times.
- (2) A telephone shall be installed and kept operable in the office or permanently manned control centre at all times in case of emergency.
- (3) A list of phone numbers shall be kept in the area of the telephone including police, fire, ambulance, hospital and inspection authorities.
- (4) Appropriate signs or symbols shall be posted indicating
- (a) depth of water in discharge pools,
  - (b) prohibition of running or horseplay,
  - (c) prohibition of sliding headfirst or on stomach,
  - (d) prohibition of bunching up on the flumes,
  - (e) prohibition of standing up on the flumes, and
  - (f) prohibition of diving into discharge pool.
- (5) Each flume shall be identified.

### **Waterslides — log book**

- 94 (1) A log book shall be maintained with daily entries to record water quality tests and all incidents and unusual occurrences.
- (2) The log book shall be of the type where pages are consecutively numbered and are non-removable, and must be available for inspection at all times.

### **Waterslides — control and operations**

- 95 (1) Each operator and attendant shall be trained for their specific duties and at least one operator, competent in first aid and lifesaving techniques, shall be on duty at all times of ride operation.
- (2) A sufficient number of amusement ride operators and attendants shall be in attendance at all times of operation to ensure compliance with this regulation.
- (3) The dispatch area shall be supervised at all times while the flumes are in operation to ensure that the riders are dispatched with adequate and safe spacing.
- (4) A means of crowd control as specified in the manufacturer's operating manual must be available at the dispatch area to ensure a smooth and safe operation.
- (5) In restricted usage locations such as hotels or private clubs, control and operating procedures which deviate from the requirements of subsections (1) and (2) must be submitted to the branch for acceptance.
- (6) Written procedures shall be established and amusement ride operators and attendants shall be trained to prevent all persons from using the waterslides during lightning, hail storms, wind storms, earthquakes or any disaster that might be expected for the area.
- (7) The discharge area shall be supervised at all times while the flumes are in operation and where the discharge area is a splash pool it shall be supervised by a person competent in life saving techniques.
- (8) The use of life jackets, when worn by riders, shall be approved by the slide manufacturer.