

**875—62.3 (88A) Site requirements.**

**62.3(1) Design.** The grounds of a fair or carnival shall be designed according to the following criteria:

*a.* Clearance around covered equipment shall meet or exceed the manufacturer's recommendations.

*b.* Clearance around covered equipment shall be at least 6 feet unless a fence that is designed by the manufacturer as an integral part of the equipment is properly installed.

*c.* Clearance between covered equipment and a facility for cooking shall be at least 10 feet.

*d.* Walkways shall be wide, unobstructed, and open at each end.

*e.* Walkways through concession booth backyards and over water lines and electrical lines shall be avoided.

*f.* Intermingling of water lines and electrical lines shall be avoided.

*g.* Guy wires, braces and ropes used for support:

(1) Shall not be placed in walkways or in the entrances or exits for covered equipment; and

(2) Shall be clearly marked with streamers or other devices when located adjacent to walkways.

*h.* Stakes shall be covered.

**62.3(2) Housekeeping.** Adequate containers for refuse shall be provided. Accumulations of trash shall be removed promptly.

**62.3(3) Lighting.** Entrances and exits for covered equipment shall be provided with at least 5 foot-candles of light measured at grade level. No less than 10 foot-candles of lighting shall be provided at all work levels for assembly and disassembly of covered equipment.

**62.3(4) Internal combustion engines.** Internal combustion engines shall be a minimum of 5 feet from an air-supported structure and shall be guarded or fenced to prevent patron exposure or access. An internal combustion engine operated in an enclosed area shall be provided with fresh-air intake and an exhaust discharge flue.

**62.3(5) Tents.** A tent enclosed with walls or sides and erected over covered equipment during operation or assembly of the covered equipment shall resist flame propagation after weathering. The operator shall have a certificate or a test report indicating the material meets the flame propagation performance criteria for tents set forth in Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, NFPA 701-2010.

**62.3(6) Flammable waste and materials.** An operator shall provide identified covered and labeled metal containers for flammable waste. The containers shall be available to staff and attendants but shall not be accessible to patrons.

**62.3(7) Storage of hazardous or flammable materials.** Storage of more than 50 gallons of fuel, other flammable material, or hazardous gas is not permitted in any area accessible to the public.

**62.3(8) Walking surfaces.** Entrances and exits for covered equipment shall be adequate, unobstructed, and in accordance with the manufacturer's instructions. Hazards such as protruding nails, splinters, holes, loose boards, debris, obstructions, and projections are prohibited. Stairways, ramps and railings that meet the requirements of 29 CFR 1910.23 shall be provided where patrons enter or exit covered equipment above or below grade.

**62.3(9) Fences.** Fences or other barriers shall be staked or sandbagged securely to prevent movement. Placement of fences shall be consistent with the recommendations of the manufacturer. If the manufacturer's recommendation regarding fences is not available, fences shall be located to keep patrons at least 6 feet away from moving parts.

**62.3(10) Crowd control.** Chains, bars, gates or similar devices shall be used to direct and control patrons in a queue line.

**62.3(11) Setup.** Operators shall follow the manufacturer's instructions to ensure that covered equipment is level and stable. If the manufacturer's instructions are not available, the following shall apply:

- a.* Permanent rides shall be placed on poured, reinforced concrete.
- b.* Blocking for temporary rides shall meet the following criteria:
  - (1) Blocking shall be wider than it is high.
  - (2) The top level of the blocking shall be wider than the mud sill or landing gear.
  - (3) Blocks shall not be soft, damaged, deteriorated, hollow, porous, or brick.
  - (4) Blocking shall be placed on ground that was leveled by digging rather than by filling.
  - (5) Voids larger than 1/4 inch between blocks are prohibited.
  - (6) Two or more layers of blocks shall be crossed.

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