

centimeters ($2\frac{1}{2}$ inches) at any point when subjected to the test procedure specified in §1509.6.

(b) *Nonuniformly spaced components.*

(1) The distance between adjacent non-uniformly spaced components (such as slats, spindles, and/or corner posts) shall preclude passage of block A, specified in §1509.5(b), when inserted in any orientation (nonuniformly spaced components referes to irregularly shaped crib slats whether parallel to each other or not).

(2) The spacing between any such adjacent components shall preclude passage of block B, specified in §1509.5(c), when inserted in any orientation immediately above and below the loading wedge specified in §1509.5(a) while the components are being subjected to the test procedure specified in §1509.6.

§ 1509.5 Component-spacing test apparatus.

(a) *Loading wedge.* The loading wedge shall be a right triangular prism constructed of a smooth, rigid material conforming to measurements shown in Figure 1.

(b) *Block A.* Block A shall be a rectangular block, constructed of a smooth, rigid material, measuring 6 centimeters wide by 10 centimeters high by 10 centimeters long ($2\frac{3}{8}$ inches wide by 4 inches high by 4 inches long).

(c) *Block B.* Block B shall be a rectangular block, constructed of a smooth, rigid material, measuring 6.3 centimeters wide by 8.2 centimeters high by 8.2 centimeters long ($2\frac{1}{2}$ inches wide by $3\frac{1}{4}$ inches high by $3\frac{1}{4}$ inches long).

§ 1509.6 Component-spacing test method.

The apex of the wedge (see §1509.5(a)) shall be placed midway between two vertical components and midway between the uppermost and lowermost horizontal surfaces of the crib side. A 9-kilogram (20-pound) tensile force shall be applied to the wedge perpendicular to the plane of the crib side.

§ 1509.7 Hardware.

(a) The hardware in a non-full-size baby crib shall be designed and constructed to eliminate pinching, bruising, lacerating, crushing, amputating and/or other potentials for injury when

the crib is in normal use or when subjected to reasonably foreseeable damage or abuse.

(b) Non-full-size baby cribs shall incorporate locking or latching devices for dropsides or folding sides or end panels. These devices shall require either a minimum force of 4.5 kilograms (10 pounds) for activation or at least two distinct actions to release them.

(c) Woodscrews shall not be used in the assembly of any components that must be removed by the consumer in the normal disassembly of a non-full-size baby crib.

§ 1509.8 Construction and finishing.

(a) All wood surfaces of non-full-size baby cribs shall be smooth and free from splinters.

(b) All wood parts of non-full-size baby cribs shall be free from splits, cracks, or other defects that might lead to structural failure.

(c) Ends and sides of non-full-size baby cribs shall have no horizontal bar, ledge, projections, or other surface accessible to the child inside the crib that could be used as a toehold (any ledge or projection with a depth dimension greater than 1 centimeter ($\frac{3}{8}$ inch) located less than 40.6 centimeters (16 inches) above the mattress support in its lowest adjustable position when the crib side is in its highest adjustable position).

§ 1509.9 Mattresses.

(a) *Mattress thickness.* (1) A mattress supplied with a non-full-size crib shall, in a noncompressed state, have a thickness that will provide a minimum effective crib-side height dimension of at least 50.8 centimeters (20 inches) as measured from the upper surface of the crib side and/or end panel. For this measurement, the crib side shall be in its highest adjustable position and the mattress support in its lowest adjustable position.

(2) A mattress supplied with a non-full-size crib shall, in a noncompressed state, have a thickness that will provide a minimum effective crib-side height dimension of at least 7.6 centimeters (3 inches) as measured from the upper surface of the mattress to the upper surface of the crib side and/or end panel. For this measurement, the

§ 1509.10

crib side shall be in its lowest adjustable position and the mattress support in its highest adjustable position.

(b) *Mattress dimensions.* The dimensions of a mattress supplied with a non-full-size baby crib shall be such that the mattress, when inserted in the center of the crib, in a noncompressed state at any of the adjustable positions of the mattress support, shall not leave a gap of more than 1.3 centimeters ($\frac{1}{2}$ inch) at any point between the perimeter of the mattress and the perimeter of the crib. When the mattress is placed against the perimeter of the crib the resulting gap shall not exceed 2.6 centimeters (1 inch).

§ 1509.10 Assembly instructions.

Unassembled non-full-size baby cribs shall be accompanied by detailed instructions that shall:

- (a) Include an assembly drawing;
- (b) Include a list and description of all parts and tools required for assembly;
- (c) Include a full-size diagram of the required bolts and other fasteners;
- (d) Be so written that an unskilled person can assemble the crib without making errors that would result in improper and unsafe assembly;
- (e) Include cautionary statements concerning the secure tightening and maintaining of bolts and other fasteners;
- (f) Contain a cautionary statement that when a child's height reaches 35 inches, the child should be placed in a youth bed; and
- (g) Contain a warning relative to mattress size for the non-full-size baby crib that specifies the dimensions of any mattress to be used with the crib as determined under §1509.9.

§ 1509.11 Identifying marks, caution statement, and compliance declaration.

(a) Non-full-size baby cribs shall be clearly marked to indicate:

- (1) The name and place of business (city and state) of the manufacturer, importer, distributor, and/or seller; and
- (2) A model number, stock number, catalog number item number, or other symbol expressed numerically, in code or otherwise, such that only cribs of identical construction, composition,

16 CFR Ch. II (1-1-10 Edition)

and dimensions shall bear identical markings.

(b) The following caution statement shall appear on an inside surface of a non-full-size baby crib in a type size of at least $\frac{1}{8}$ inch:

(1) For rectangular cribs:

CAUTION: Any mattress used in this crib must be at least ___ inches long by ___ inches wide and not more than ___ inches thick.

The blanks are to be filled with dimensions complying with §1509.9(a) and (b).

(2) For nonrectangular cribs:

CAUTION: Check proper fit of mattress. Should be not more than ___ inches thick. The maximum gap between mattress and inside of crib border (or edge) should be no more than 1 inch.

The blank is to be filled in with a dimension complying with §1509.9(a).

(3) The dimensions to be inserted in the blanks in the caution statements in paragraphs (b) (1) and (2) of this section shall be determined by the manufacturer according to the provisions of §1509.9. The markings shall appear in block letters, shall contrast sharply with the background (by color, projection, and/or indentation), and shall be clearly visible and legible.

(c) Except for markings required under paragraphs (d) and (e) of this section, markings on non-full-size baby cribs shall be of a permanent nature such as paint-stenciled, die-stamped, molded, or indelibly stamped directly thereon or permanently affixed, fastened, or attached thereto by means of a tag, token, or other suitable medium. The markings shall not be readily removable or subject to obliteration during normal use of the article or when the article is subjected to reasonably foreseeable damage or abuse.

(d) The retail cartons of non-full-size baby cribs shall clearly indicate:

(1) The name and place of business (mailing address including ZIP code) of the manufacturer, importer, distributor, and/or seller; and

(2) The model number, stock number, catalog number, item number, or other symbol described in paragraph (a)(2) of this section.

(e) All non-full-size baby cribs and their retail cartons shall bear a conspicuous label stating that the article conforms to applicable regulations promulgated by the Consumer Product