

(ii) [Reserved]

[75 FR 35273, June 21, 2010, as amended at 75 FR 51178, Aug. 19, 2010]

PART 1217—SAFETY STANDARD FOR TODDLER BEDS

Sec.

1217.1 Scope, application, and effective date.
1217.2 Requirements for toddler beds.

AUTHORITY: Sections 3 and 104 of Pub. L. 110-314, 122 Stat. 3016 (August 14, 2008).

SOURCE: 76 FR 22028, Apr. 20, 2011, unless otherwise noted.

§ 1217.1 Scope, application, and effective date.

This part 1217 establishes a consumer product safety standard for toddler beds manufactured or imported on or after October 20, 2011.

§ 1217.2 Requirements for toddler beds.

(a) The Director of the Federal Register approves the incorporations by reference listed in this section in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You may obtain a copy of these ASTM standards from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 USA, phone: 610-832-9585; <http://www.astm.org/>. You may inspect copies at the Office of the Secretary, U.S. Consumer Product Safety Commission, Room 820, 4330 East West Highway, Bethesda, MD 20814, telephone 301-504-7923, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(b) Except as provided in paragraph (c) of this section, each toddler bed as defined in ASTM F 1821-09, *Standard Consumer Safety Specification for Toddler Beds*, approved April 1, 2009, shall comply with all applicable provisions of ASTM F 1821-09.

(c) Comply with ASTM F 1821-09 with the following additions or exclusions.

(1) Do not comply with sections 6.1 through 6.1.2 of ASTM F 1821-09.

(2) Instead of complying with section 6.5 of ASTM F 1821-09, comply with the following:

(i) 6.5 *Guardrails*:

(ii) 6.5.1 For products with guardrails, there shall be no opening in the guardrail structure below the lowest surface of the uppermost member of the guardrail and above the mattress support structure that will permit complete passage of the wedge block shown in Figure 2 when tested in accordance with 7.4.

(iii) 6.5.2 The upper edge of the guardrails shall be at least 5 in. (130 mm) above the sleeping surface when a mattress of a thickness that is the maximum specified by the manufacturer's instructions is used. If no maximum mattress thickness is specified, the guardrail height shall be based on a mattress thickness of 6 in. (152 mm).

(iv) 6.5.3 When tested in accordance with 7.9, the guardrail shall not break, detach, or create a condition that would present any of the hazards described in Section 5. Guardrails that do not have any free ends, that is, they are attached to both the headboard and the footboard, are exempt from this test. For guardrails with two free ends, perform this test at each free end.

(3) In addition to complying with section 6.7 of ASTM F 1821-09 comply with the following:

(i) 6.8 *Spindle/Slat Static Load Strength*:

(A) 6.8.1 Toddler beds that contain wooden or metal spindles/slats shall meet the performance requirements outlined in section 6.8.2 or 6.8.3.

(B) 6.8.2 Except as provided in section 6.8.3, after testing in accordance with the procedure in 7.10, there shall be no complete breakage of a spindle/slat or complete separation of a spindle/slat from the guardrails, side rails, or end structures.

(C) 6.8.3 Toddler beds that convert from a full-size crib, also known as convertible cribs, shall meet the requirements specified in section 6.7 of ASTM F 1169-10 *Safety Standard for Full-Size Baby Cribs*, approved June 1, 2010, instead of the requirements of 6.8.2. See 16 CFR Part 1219 for complete requirements for full-size cribs.

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(4) Do not comply with sections 7.1.2 through 7.1.6 of ASTM F 1821–09,

(5) In addition to complying with section 7.8.5 of ASTM F 1821–09, comply with the following:

(i) 7.9 *Test Method for Guardrail Structural Integrity:*

(A) 7.9.1 Firmly secure the toddler bed on a stationary flat surface using clamps. Gradually over a period of 5 s apply a 50 lbf (222.4 N) to the guardrail from the inside of the toddler bed, outward and perpendicular to the place of the rail, and hold for 10 s. The force is to be applied to the geometric center of a $3 \times 6 \times \frac{1}{2}$ in. ($7.62 \times 15.24 \times 1.27$ cm) piece of plywood with the long end parallel to the floor (see Fig. 11).

(B) 7.9.2 For guardrails with a rectangular shape, the plywood shall be placed with the upper long edge of the plywood even with a line drawn parallel to the rail, which is 11 inches (27.94 cm) from the mattress support and the short edge even with the free short edge of the rail.

(C) 7.9.3 For contoured guardrails that are not rectangular, the plywood shall be placed with the upper long edge of the plywood even with a line drawn parallel to the rail which is 11 inches (27.94 cm) from the mattress support and the short edge placed so that the downward slope of the free rail edge intersects the corner of the plywood.

(ii) 7.10 *Spindle/Slat Testing for Guardrails, Side Rails, and End Structures:*

(A) 7.10.1 The spindle/slat static force test shall be performed with the spindle/slat assemblies removed from the bed and supported only on the rail corners through a contact area not more than 3 square inches (7.6 cm²) when measured from the end of the rail in a direction parallel to the longitudinal axis of the rail. Besides the corners, the upper and lower horizontal rails of both linear and contoured rails shall be free to deflect under the applied force. For toddler beds incorporating folding or moveable sides for

purposes of easier access to the occupant, storage and/or transport, each side segment (portion of side separated by hinges for folding) shall be tested separately as described above.

(B) 7.10.2 Gradually, over a period of not less than 2 s nor greater than 5 s, apply an 80 lbf (355.8 N) perpendicular to the plane of the side at the midpoint, between the top and bottom of the spindle/slat being tested. This force shall be applied through a force measuring device and contact area $1 \pm \frac{1}{16}$ in. (25.4 ± 1.6 mm) wide by a length at least equal to the width of the spindle/slat being tested at the point of application. This force shall be maintained for 10 s. The force measuring device must be capable of recording the force at breakage, if breakage occurs during this test. This force measuring device must be capable of a maximum measurement resolution of 0.25 lbf (1.11 N).

(C) 7.10.3 Test, according to 7.10.2, 25% (rounding up to the nearest percentage, if necessary) of all spindles/slats. Spindles/slats that offer the least resistance to bending based upon their geometry shall be selected to be tested within this grouping of 25% except that adjacent spindles/slats shall not be tested.

(D) 7.10.4 Upon completion of testing as defined in 7.10.2 and 7.10.3, no spindle/slat shall have failed at an applied force less than or equal to 60 lbf. If no more than one spindle/slat fails and that failure occurs only as the result of an applied force greater than 60 lbf, then an additional 25% of spindles/slats shall be tested per 7.10.2 and 7.10.3. During testing of this second 25%, any spindle/slat failure (at or below 80 lbf) shall constitute failure of the test.

(E) 7.10.5 End vertical rails that are joined between the slat assembly top and bottom rails are not considered slats and do not require testing under 7.10.

(6) Instead of complying with sections 8.4.2 through 8.4.4.5 of ASTM F 1821–09, comply with the following:

(i) 8.4.2 The safety alert symbol “▲”

and the word “WARNING” or “CAUTION” must be at least 0.2 in. (5 mm) high, and the remainder of the text shall be characters whose upper case shall be at least 0.1 in. (2.5 mm) high, sans serif.

(ii) 8.4.3 Except as provided in 8.4.4 and 8.4.5, the following warnings must appear on all toddler beds, exactly as depicted.

⚠ WARNING

INFANTS HAVE DIED IN TODDLER BEDS FROM ENTRAPMENT.

Openings in and between bed parts can entrap head and neck of a small child.

NEVER use bed with children younger than 15 months.

ALWAYS follow assembly instructions.

⚠ WARNING

STRANGULATION HAZARD

NEVER place bed near windows where cords from blinds or drapes may strangle a child.

NEVER suspend strings over bed.

NEVER place items with a string, cord, or ribbon, such as hood strings or pacifier cords, around a child’s neck. These items may catch on bed parts.

⚠ CAUTION

ENTRAPMENT HAZARD

To avoid dangerous gaps, any mattress used in this bed shall be a full-size crib mattress at least 51 5/8 in. (1310 mm) in length, 27 1/4 in. (690 mm) in width, and 4 in. (100 mm) in thickness.

(iii) 8.4.4 Toddler beds that convert from a full-size crib, also known as convertible cribs, must meet the warning requirements specified in section 8 of ASTM F 1169-10, instead of the requirements of 8.4.3. See 16 CFR Part 1219 for complete requirements for full-size cribs.

(iv) 8.4.5 Any toddler bed that can convert from a full-size crib, and has

the warning specified in section 8.1.3 of ASTM F 1169-10, must include additional text at the end of that warning that specifies the minimum mattress thickness of 4 inches (100 mm). See 16 CFR Part 1219 for complete requirements for full-size cribs.

(7) In addition to figure 10 of ASTM F 1821-09, use the following:

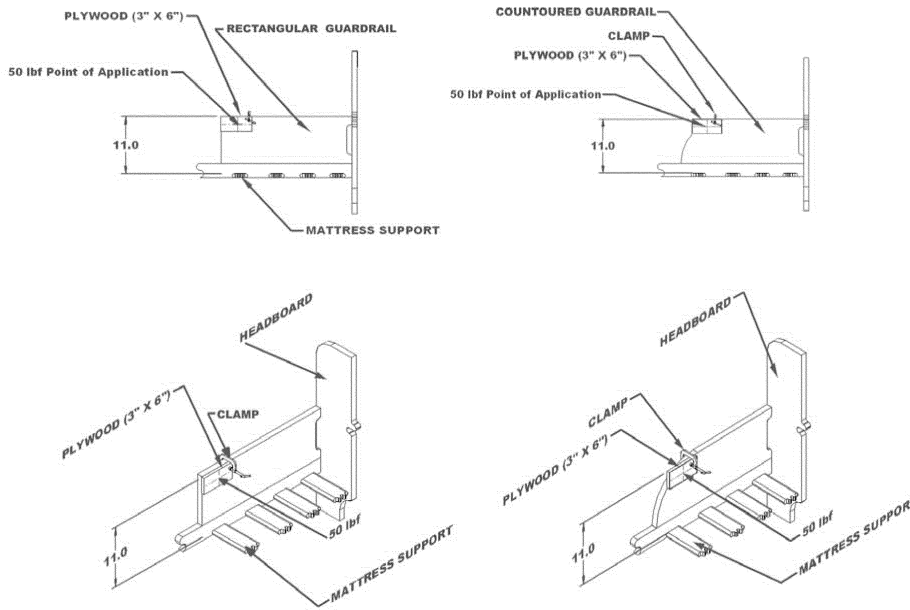


FIGURE 11 -- Guardrail Structural Integrity Test

[76 FR 22028, Apr. 20, 2011, as amended at 76 FR 27882, May 13, 2011]

PART 1219—SAFETY STANDARD FOR FULL-SIZE BABY CRIBS (Eff. June 28, 2011)

Sec.

1219.1 Scope, compliance dates, and definitions.

1219.2 Requirements for full-size baby cribs.

AUTHORITY: The Consumer Product Safety Improvement Act of 2008, Pub. L. 110-314, Sec. 104, 122 Stat. 3016 (August 14, 2008); section 3 of Pub. L. 112-28, 125 Stat. 273 (August 12, 2011).

SOURCE: 75 FR 81786, Dec. 28, 2010, unless otherwise noted.

§ 1219.1 Scope, compliance dates, and definitions.

(a) *Scope.* This part establishes a consumer product safety standard for new and used full-size baby cribs.

(b) *Compliance dates.* (1) Except as provided in paragraph (b)(2) of this section, compliance with this part 1219 shall be required on June 28, 2011, and applies to the manufacture, sale, contract for sale or resale, lease, sublet, offer, provision for use, or other placement in the stream of commerce of a new or used full-size baby crib on or after that date.

(2) Child care facilities, family child care homes, and places of public accommodation affecting commerce shall be required to comply with this part on December 28, 2012, but this provision applies only to the offer or provision for use of cribs by child care facilities, family child care homes, and places of public accommodation affecting commerce and not the sale, resale, or other placement in the stream of commerce of cribs by these entities.

(c) *Definitions.* (1) *Full-size baby crib* means a bed that is: