

Consumer Product Safety Commission

§ 1513.1

TABLE 1 TO PART 1512—MINIMUM CANDLEPOWER PER INCIDENT FOOT-CANDLE FOR CLEAR REFLECTOR¹

Observation angle	Front, rear, and side reflectors; entrance angle in degrees			Pedal reflectors; entrance angle in degrees		
	0	10 up/down	20 left/right	0	10 up/down	20 left/right
0.2	27.0	18.0	9.0	7.5	6.0	3.0
0.3				6.0	4.8	2.4
1.5	.28	.20	.12	.28	.20	.12

¹ Amber values shall be 5/8 × clear values. Red values shall be 1/4 clear values.

TABLE 2 TO PART 1512—MINIMUM CANDLEPOWER PER INCIDENT FOOT-CANDLE FOR CLEAR REFLECTOR¹

Observation angle	Front, rear, and side reflectors; entrance angle in degrees		
	30 left/right	40 left/right	50 left/right
0.2	8.0	7.0	6.0
1.5	.12	.12	.12

¹ Amber values shall be 5/8 × clear values. Red values shall be 1/4 × clear values.

TABLE 3 TO PART 1512—MINIMUM ACCEPTABLE VALUES FOR THE QUANTITY A DEFINED IN THE RETROREFLECTIVE TIRE AND RIM TEST PROCEDURE

Observation angle (degrees)	Entrance angle (degrees)	Minimum acceptable value of A	
		Meters	Feet
0.2	-4	2.2	7.25
.2	20	1.9	6.27
.2	40	1.3	4.29
1.5	-4	.22	.73
1.5	20	.19	.63
1.5	40	.13	.43

[43 FR 60034, Dec. 22, 1978, as amended at 45 FR 82631, Dec. 16, 1980; 46 FR 3204, Jan. 14, 1981]

TABLE 4 TO PART 1512—RELATIVE ENERGY DISTRIBUTION OF SOURCES

Wave length (nanometers)	Relative energy
380	9.79
390	12.09
400	14.71
410	17.68
420	21.00
430	24.67
440	28.70
450	33.09
460	37.82
470	42.87
480	48.25

Wave length (nanometers)	Relative energy
490	53.91
500	59.86
510	66.06
520	72.50
530	79.13
540	85.95
550	92.91
560	100.00
570	107.18
580	114.44
590	121.73
600	129.04
610	136.34
620	143.62
630	150.83
640	157.98
650	165.03
660	171.96
670	178.77
680	185.43
690	191.93
700	198.26
710	204.41
720	210.36
730	216.12
740	221.66
750	227.00
760	232.11

PART 1513—REQUIREMENTS FOR BUNK BEDS

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- 1513.1 Scope, application, and effective date.
- 1513.2 Definitions.
- 1513.3 Requirements.
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FIGURE 1 TO PART 1513—WEDGE BLOCK FOR TESTS IN § 1513.4 (a), (b), AND (c)

FIGURE 2 TO PART 1513—TEST PROBE FOR NECK ENTRAPMENT

FIGURE 3 TO PART 1513—MOTION OF TEST PROBE ARRESTED BY SIMULTANEOUS CONTACT WITH BOTH SIDES OF "A" SECTION OF PROBE AND BOUNDARIES OF OPENING

FIGURE 4 TO PART 1513—NECK PORTION OF "B" SECTION OF PROBE ENTERS COMPLETELY INTO OPENING

APPENDIX TO PART 1513—FINDINGS UNDER THE FEDERAL HAZARDOUS SUBSTANCES ACT

AUTHORITY: 15 U.S.C. 1261(f)(1)(D), 1261(s), 1262(e)(1), 1262(f)-(i).

SOURCE: 64 FR 71907, Dec. 22, 1999, unless otherwise noted.

§ 1513.1 Scope, application, and effective date.

(a) *Scope, basis, and purpose.* This part 1513 prescribes requirements for bunk beds to reduce or eliminate the risk that children will die or be injured from being trapped between the upper