

TEST REPORT

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LAB LOCATION: REPORT NUMBER:

VIET NAM

EFFN25081976-CG-01

ISSUE DATE: Sep. 17, 2025

PAGE:

Applicant:	GIGACLOUD TECHNOLOGY (USA) INC.			
Address:	4388 SHIRLEY AVENUE EL MONTE, CA 91731			
Contact:	LUNJIA LI			
TEL:	(626)-912-8886	FAX:	-	
E-mail:	minhhanh.wood@yahoo.com.vn, nhaphuong@gigacloudtech.com mh-purchase1@minhhanhvn.com ls@gigacloudtech.com			
Сору То:	-			

OVERALL RATING	<u>G</u>
	X
	-
	OVERALL RATING

Sample Information			
Sample Description	Full over Full With Bookshelf and Drawers		
Style Number	-		
SKU	N708P232411/ N708P232	2412/ N708P232413	
Vendor Name	GIGACLOUD TECHNOLO	OGY(USA) INC.	
Vendor style number	YMX		
Quantity	-	PO Number	-
Buyer's Name	GIGACLOUD	Manufacturer	GIGACLOUD TECHNOLOGY(USA) INC.
Country of Origin	Viet Nam	Country of Destination	USA
Code Number	-	Date of production	-
Reference item/ style number	-	Color	WHITE/GRAY/ ESPRESSO
Date of Submission	Aug. 26, 2025	Test Performance Dates	Aug. 26, 2025
Testing Status			
Pre-Shipment Lead Test		Test for Protocol	-
Retest		Previous Report No.: -	



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Sample Photo



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For and on behalf of

Eurofins MTS Consumer Product Testing Vietnam Ltd.

HARRY VU

HARDLINES LAB. ASSISTANT MANAGER



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EXECUTIVE SUMMARY:

TESTING RESULT SUMMARY					
Test Property	PASS	FAIL	DATA	COMMENTS	
Total Lead Content in Paint or Similar Surface Coating	Х	-	-	-	
Total Lead Content in Accessible Substrate	Х	-	-	-	
ASTM F1427 – 21e1 Standard Consumer Safety Specification for Bunk Beds	X	-	-	-	
16 CFR Part 1213 Safety Standard for Entrapment Hazards in Bunk Beds	Х	-	-	-	
16 CFR Part 1513 Requirements for Bunk Beds	Х	-	-	-	
Sharp Point, Sharp Edges	X	-	-	-	



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COMPONENT BREAKDOWN LIST:

Test Item	Component Description
01	Silvery metal (Long - Allen head bolt)
02	Silvery metal (Medium - Allen head bolt) (Same item 01)
03	Silvery metal (Allen head bolt)
04	Silvery metal (Allen head bolt) (Same item 03)
05	Silvery metal (Allen head screw)
06	Silvery metal (Allen head screw) (Same item 05)
07	Silvery metal (Cross dowel)
08	Natural wood (Bunk bed)
09	Silvery metal with golden plating (Bolt - Handle)
10	Silvery metal with golden plating (Long Screw)
11	Silvery metal with golden plating (Hardware)
12	Silvery metal with golden plating (Wheel caster)
13	Silvery metal with golden plating (Rivet - Wheel caster)
14	White plastic (Wheel caster)
15	Plywood (Bunk bed)
16	Grey coating on wood (Color panel)
17	MDF wood (Bunk bed)
18	White coating on wood (Color panel)
19	Espresso coating on wood (Color panel)

Remark:

- (1) Test result was transferred from report# EFFN25020464-CG-01.
- (2) Test result was transferred from report# EFFN25020466-CG-01.
- (3) Test result was transferred from report# 76124-090626 Revised 1.
- (4) Test result was transferred from report# EFFN25030041-CG-01.
- (5) Test result was transferred from report# 76124-091099 Revised 1.
- (6) Test result was transferred from report# 76124-080921.
- (7) Test result was transferred from report# 76124-100693 Revised 2.



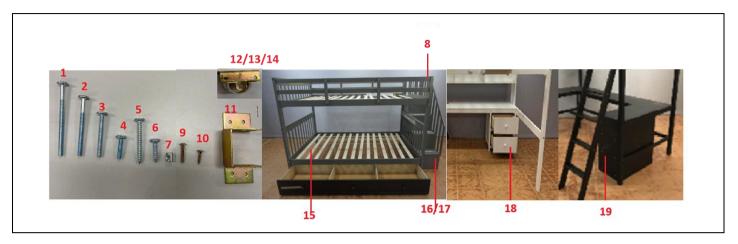


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EXHIBIT BREAKDOWN:



TEST RESULT(S):

1. <u>Total Lead Content in Paint or Similar Surface Coating – U.S 16 CFR 1303, 15 U.S. Code §1278a and U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101</u>

Test Method: CPSC-CH-E1003-09.1. Analysis was performed by ICP-OES/ ICP-MS.

Test Item	Conclusion		
rest item	Result	Limit	Conclusion
16 ⁽²⁾	48	90	PASS
18 ⁽¹⁾	ND	90	PASS
19 ⁽⁴⁾	ND	90	PASS

Note: ND = Not Detected (Lab reporting limit: 10 ppm)

ppm = part per million = mg/kg = milligram per kilogram





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2. <u>Total Lead Content in Accessible Substrate – 15 U.S. Code §1278a and U.S. Consumer Product</u> Safety Improvement Act of 2008 (CPSIA), Title I, Section 101

Test Method:

1) Metal components: CPSC-CH-E1001-08.3. Analysis was performed by ICP-OES/ ICP-MS.

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2) Non-metal materials including plastics, glass and leather material: CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES/ ICP-MS.

Test Item	Total Lea	ad (Pb) (ppm)	Conclusion
rest item	Result	Limit	Conclusion
01 ⁽³⁾	ND	100	PASS
03 ⁽⁵⁾	ND	100	PASS
05 ⁽³⁾	ND	100	PASS
07 ⁽³⁾	ND	100	PASS
08	NA	100	NA
09 ⁽⁵⁾	ND	100	PASS
10 ⁽³⁾	ND	100	PASS
11 ⁽⁶⁾	ND	100	PASS
12 ⁽⁷⁾	ND	100	PASS
13 ⁽⁷⁾	ND	100	PASS
14 ⁽⁷⁾	ND	100	PASS
15 ⁽⁵⁾	ND	100	PASS
17 ⁽⁵⁾	ND	100	PASS

Note: ND = Not Detected (Lab reporting limit: 10 ppm)

NA = Not Applicable

ppm = part per million = mg/kg = milligram per kilogram



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3. ASTM F1427 - 2021e1 Standard Consumer Safety Specification For Bunk Beds

Clause	Requirement	Rating	Notes
4 Performa	nce Requirements:		
4.1 Vertical	Protrusions:		
4.1.1	All vertical protrusions along the top inside surfaces of any individual component (including but not limited to bed end structures and guard rails) of the upper bunk shall not extend more than 3/16 in. (4.8 mm) above the upper edge of the adjacent surface. Ladder stiles (uprights) shall not extend more than 3/16 in. (4.8 mm) above the upper edge of the adjacent surface.	Р	✓ Vertical protrusion: in. Position: corner post ✓ Ladder stiles:
4.1.2	Any cap used along the top surface of the upper bunk shall not have a vertical protrusion greater than 3/16 in. (4.8 mm) at the edge of the protrusion above the upper edge of the adjacent surface. If the cap is flush with or overhangs the edge of the corner post or other vertical protrusion, the maximum vertical protrusion shall not exceed 3/16 in. (4.8 mm). The cap shall have a maximum height of no more than 20% of the width or diameter of the cap. At no point shall the cap overhang the post more than 1/16 in. (2 mm). The cap shall fit flush with the top of the corner post.	NA	☐ H:in. W:in. (H _{max} = 20%W) ☑ No cap
4.2	Fit of Top Bed to Bottom Bed: The bed post shall be designed so that the minimum height of lift to allow horizontal disengagement of the top bed from the bottom bed shall be 1.25in., or a fastening mechanism may be used that will prevent the disengagement of the top bed from the bottom bed.	Р	Record: 2-1/2in. A fastening mechanism provided Bed post no separate
4.3	Mattress and Foundation Size and Fit (Top Bed): There shall be no gaps between the interior bed structure and the edges of the mattress and foundation that will permit complete passage of the wedge block when tested in accordance with 5.2.	Р	
4.4	Mattress Size and Fit (Lower Foundation): There shall be no space, between the edge of the manufacturer's recommended mattress and the interior boundary of any component(s) attached to lower bunk (for example, ladders, book shelves, desk), greater than 1.88 in. (48 mm) and smaller than 9 in. (229 mm), when tested in accordance with 5.3.	Р	
4.5 Upper a	nd Lower Foundation Support Systems:		
4.5.1	The foundation support systems shall confine the horizontal position of the mattress and the foundation and shall prohibit the mattress and foundation from falling when the mattress or foundation is manipulated.	Р	
4.5.2	In the event cross-members are utilized, a minimum of two per bed are required. If more than two cross-members are utilized, they shall be spaced so that the distance between adjacent cross-members or between the cross-members and the bed end structures will not permit complete passage of the wedge block or will allow complete passage of both the wedge block and the 9 in. (229 mm) diameter rigid sphere when tested in accordance with 5.9.	Р	Upper foundation: -Slat to slat: 3-1/4 inSlat to Bed end structure:2-1/8 in. Lower foundation: -Slat to slat: 3-1/4 inSlat to Bed end structure:2-1/4 in.
4.5.3	The foundation support system shall not be capable of being dislodged without the release of positive fastening devices or the use of hand tools.	Р	
4.5.4	The foundation support system shall not fail when tested in accordance with 5.4.	Р	
4.6 Side Ra	ils:		

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Clause	Requirement	Rating	Notes
4.6.1	Bolt-On Side Rails, that attach at their ends or on their side to the bed post, are secured at each end by bolts with a minimum size of diameter/ ISO/ANSI size M6 (REQ: >0.25 in. diameter or M6) If it is wood bed, these bolts are spaced a minimum of: 1-7/8 in. apart on their center. (REQ: >1.5in.) When the bolts are fully tightened in the assembled bed, no more than 0.25 in. of thread is exposed? Yes	Р	If it is Hook-On side rail, NA
4.6.2	Hook-On Side Rails, securely attached to the bed post. Hook-on attachments shall require an additional action other than an upwards force to disengage.	NA	If it is Bolt-On side rail, NA
4.6.3	Side Rail Attachments: There shall be no structural failure of bed side rail fastening systems when tested in accordance with 5.5.	Р	
4.7 Guardra	ails:		
4.7.1	The underside of the foundation is:48in. from the floor. (REQ: over 30 inches.) How many guardrail(s) accompany the bed:2 (REQ: 2 guardrails.)	Р	
4.7.2	Any intentional release of fastening device is present for guardrails so that they cannot be removed unless forces are applied sequentially in different direction? Yes	Р	
4.7.3	The upper edge of the guardrails is:6-3/4 in. above the sleeping surface when a mattress of the thickness that is the maximum specified by the manufacturer's instruction is used on the bed. (REQ: > 5in.)	Р	
4.7.4	With no mattress on the bed, there shall be no openings in the rigid bed structure below the lower edge of any opening of the guardrail that would permit complete passage of the wedge block when tested in accordance with 5.6.	Р	
4.7.5	The guardrail terminate before reaching the bed end structure, the distance between either end of the guardrail and the bed end structures in the same plane when measured at a point 5 in. above the sleeping surface as established by the maximum mattress thickness specified by the manufacturer:0in. (R: < 15in.) The second guardrail terminate before reaching the bed end structure,	Р	
	the distance between either end of the guardrail and the bed end structure when measured horizontally between the bed end structure and the nearest point on the guardrail: 0 in. (R: < 0.22in.)		
4.8 Bed Str			
4.8.1	The total distance between the two posts at the head of the upper bunk: $_{\underline{}51\text{-}1/2}$ in. The distance between the two posts at the head of the upper bunk at 5 in above the sleeping surface: $_{\underline{}51\text{-}1/2}$ in. Percentage of that at the head: $_{\underline{}0000}$ % (R : \geq 50%)	Р	
	The total distance between the two posts at the foot of the upper bunk:51-1/2_in. The distance between the two posts at the foot of the upper bunk at 5in above the sleeping surface:35-3/4in. Percentage of that at the foot:69.4% (R : \geq 50%)		
4.8.2	There shall be no openings in the rigid end structures of the upper bunk/bunks that will permit the free passage of the wedge block when tested in accordance with 5.7.1. This requirement shall apply only to those portions of the bed end structure that are above the foundation support system of the upper bunk/bunks.	Р	

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4.8.3	When tested in accordance with 5.7.2, there shall be no openings within the entire boundary of the lower bunk that will permit free passage of the wedge block, unless they are large enough to permit the free passage of a 9 in. (229 mm) diameter rigid sphere. This requirement does not apply to openings that are below the level of the lower bunk foundation support system. This requirement shall apply to that portion of the bed structure that is between the level of the lower bunk foundation support system and the level of the upper bunk foundation support system. Such openings include, but are not limited to, bed end structures, foundation, ladders, desks, or bookshelf components, or a combination thereof, as offered with the bed for purchase and designed to be attached to the bed structure.	Р	
4.8.4	When tested in accordance with 5.7.2.3 and 5.7.2.4, all portions of the boundary of any opening of the entire lower bunk boundary that permits free passage of a 9 in. (229 mm) diameter rigid sphere also must conform to the neck entrapment requirement.	Р	
4.9 Ladders:			
4.9.1	Type of ladder: incorporated as part of the bed structure Is the ladder attached in a manner that prevents inadvertent disengagement, repositioning, or tilting while in use? Yes	Р	☐ Not Provided☐ No Ladder
4.9.2	Are there openings between ladder structures that allow complete passage of the wedge block? Yes If Yes, does the 9 in. diameter rigid sphere pass freely through the openings? Yes Width of the ladder measured from the inside of the stiles: 14-1/2 in. (R: ≥10in.) (a) Vertical spacing of ladder steps measured between steps: 11-5/8 in. (R: ≤12in.; if bed structure are used as ladders, vertical spacing ≤16in.) (b) Vertical spacing of ladder steps measured from the floor to the first step: 11-3/4 in. (R: ≤12in.; if bed structure are used as ladders, vertical spacing ≤16in.)	р	a
4.9.3	Are there openings between the ladder step and the upper bunk boundary that allow complete passage of the wedge block? No If Yes, does the 9 in. diameter rigid sphere pass freely through the openings? Yes/No	Р	
4.9.4	For ladders attached to the side of the lower bed and for which mattress height is above the side rail, there shall be no gaps between the edge of the manufacturers recommended mattress and the interior vertical stile between 1.88 in. (48 mm) and 9 in. (229 mm) when tested in accordance with 5.3.	NA	Record:in.
4.10	Metal Beds: Frame and Fastenings: There shall be no separation of any of the attachments of the foundation support system to the end structures of the bed when tested in accordance with 5.8.1.1 and 5.8.2.	NA	
5 Test Meth	ods:		
5.1	Is the bed assembled in accordance with the provided instructions? Yes	Р	
	and Foundation Size and Fit—Upper Foundation:		
5.2.1- 5.2.3	Is any gap produced in the horizontal plane between the interior bed structure and the edges of the mattress and foundation as per section 5.2.2? Yes	Р	If F, attach photo and locate the failure gap(s):
	If Yes , does the wedge block pass through the gap(s) as per section 4.3? No		

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Clause	Requirement	Rating	Notes
5.3	Mattress Size and Fit—Lower Foundation	Р	
	Are there any space between the edge of the manufacturer's		
	recommended mattress and the interior boundary of any attached		
5 4	component is between 1.88 in. (48 mm) and 9 in. (229 mm)? No		
5.4	Foundation Support System	Р	
	Does the foundation support system remain in place for a minimum of 5 min as per section 4.5.4? Yes		
5.5	Side Rails	n	
3.3	Apply force at Corner 1 of the bed? Yes	р	
	Apply force at Corner 2 of the bed? Yes		
	Apply force at Corner 3 of the bed? Yes		
	Apply force at Corner 4 of the bed? Yes		
	Is there no structural failure of bed side rail fastening systems as per		
	section 4.6.3? Yes		
5.6	Guardrails	Р	
	Is there no opening in the rigid bed structure below the lower edge of any		
	opening of the guardrail that would permit complete passage of wedge block as per section 4.7.4? Yes		
5 7 D . I E	·		
	Structures:		
5.7.1	Is there no opening in the rigid end structures of the upper bunk that will	Р	
	permit the free passage of the wedge block as per section 4.8.2 <u>Yes</u>		
	(This requirement shall apply only to that portion of the bed end structure		
5 7 2 L over	that is above the foundation support system of the upper bunk.) Bunk Boundaries:		
5.7.2.1	Without a mattress or foundation on the lower bunk foundation support,	Р	
	place the wedge block into any opening, tapered side first, in the most		
	adverse orientation. Determine if the wedge block can pass freely through		
	the opening. If the wedge block passes freely through the opening,		
	determine if a 9 in. (229 mm) diameter rigid sphere can pass freely		
5.7.2.2	through the opening. With the manufacturer's recommended mattress and foundation size in	Р	
3.1.2.2	place, on the lower bunk foundation support, repeat the test in 5.7.2.1.	r	
5.7.2.3-	Is any portion of the boundary of any opening of the lower bunk end	Р	
5.7.2.4	structure that permits free passage of a 9 in. diameter rigid sphere? Yes	'	
0.7.2.1	If Yes , is there simultaneous contact between the boundary of the		
	opening and both sides of the A section of the template? Yes		
	· · · <u></u>		
	If Yes , does the neck portion of the B section of the template completely		
	enter the opening (passes 0.75in. or more beyond the points previously		
	contacted by the A section of the template)? No		
	If Yes , does its lower boundary slope downward less than 45° for the		
	whole distance from the narrowest part of the opening the neck can reach		
5014 1 15	to the part of the opening as per section 4.8.4? *Yes/ No/ NA		
	eds- Frame and Fastenings:		
5.8.1-	Number of cycle	NA	
5.8.1.1	Number of loads per minute:		
	(R: <u><</u> 24 loads per minute)		
	Is there no congration of any attachments of the foundation curport		
	Is there no separation of any attachments of the foundation support system to the end structure of the bed as per section 4.10? Yes		
5.8.2	Apply force at each point of attachment of the foundation support	NA	
0.0.2	system to the end structure.	INC	
	System to the one official.		
	Is there no separation of any attachments of the foundation support		
	system to the end structure of the bed as per section 4.10? <u>Yes</u>		

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5.9	Are cross-members utilized? Yes	Р	
	If Yes , Number of cross-members per bed:		
	Upper bunk bed <u>14</u> & Lower bunk bed <u>14</u> (R: ≥2)		
	If More than 2 , does any gap(s) between adjacent cross-members or between the cross-members and the bed end structure permit complete passage of the wedge block? No		
	If Yes , does the gap(s) also permit complete passage of the 9 in. diameter rigid sphere? Yes/ No This requirement applies to both the upper and lower bunk foundation support systems.		
5.10 Perma	nency of Labels and Warnings		1
5.10.1-	It is a <u>Paper Label</u> Label on the bed	Р	
5.10.2	The distribution of the sec	·	
	Is it a permanent label as tested per section 5.10.1 or 5.10.2? Yes		
5.10.3	Is the label attached by a seam? <u>Yes/ No</u>	NA	
	Does it detach when subjected to a 15-lbf. Pull force applied as per section 5.10.3? Yes/ No		
5.10.4	Can the tape test defined in Test Method B, Cross –Cut Tape Test of Test Methods D 3359 apply on all the warnings label? Yes/ No	NA	
	Is the printing in the area tested legible or attached after being subjected to this test? Yes/ No		
5.10.4.4	Shall the non-paper label during an attempt to remove it without the aid of tools or solvents, not be removed or not fit entirely within the small parts cylinder defined in 16 CFR 1501 if it can be removed? <u>Yes/ No</u>	NA	
6 Marking a	and Labeling:		
6.1	Each bunk bed set shall have label or marking to indicate the following: Name, City, State, & Zip code (1) of the manufacturer, distributor, or seller. Model number (2), the Month & Year (3) of manufacture	Р	(1): GIGACLOUD TECHNOLOGY (USA) INC. 4388 Shirley Avenue El Monte, CA 91731 (2): N708P232411 / N708P232412 / N708P232413
0.0			(3): 07/2025
6.2	Warnings		



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6.2.1.1	If the foundation is not an integral part of the bed structure, the warning label shown in either Fig. 10(a) or Fig. 10(b) shall be attached permanently to the inside of a bed end structure of the upper bunk in a location that cannot be covered by the bedding but that may be covered by the placement of a pillow.	NA	
	⚠ warning		
	To help prevent serious or fatal injuries from entrapment or falls: Never allow a child under 6 years on upper bunk. Use only mattress which is 74"–75" long and 371/2"—381/3" wide on upper bunk. Ensure thickness of mattress and foundation combined does not exceed" and mattress is at least 5" below upper edge of guardrails. Use guardrails on both sides of upper bunk. Prohibit horseplay on or under bed(s). Prohibit more than one person on upper bunk. Use ladder for entering and leaving upper bunk.		
	STRANGULATION HAZARD — Never attach or hang items to any part of the bunk bed that are not designed for use with the bed; for example, but not limited to, hooks, belts, and jumpropes. DO NOT REMOVE THIS LABEL		
	(a)		
	⚠ WARNING		
	To help prevent serious or fatal injuries from entrapment or falls: Never allow a child under 6 years on upper bunk. Use only mattress meeting the following specifications on upper bunk: Bed Type Length Width Standard Length 74"-75" 37 1/2"-38 1/2" Extra Long 79"-80" 37 1/2"-38 1/2" Extra Long 79"-80" and foundation combined does not exceed " and mattress is at least 5" below upper edge of guardrails. Use guardrails on both sides of upper bunk. Prohibit more than one person on upper bunk. Prohibit more than one person on upper bunk. STRANGULATION HAZARD — Never attach or hang items to any part of the bunk bed that are not designed for use with the bed; for example, but not limited to, hooks, belts, and jumpropes.		
	DO NOT REMOVE THIS LABEL (b)		
	(~/	<u>I</u>	



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Clause	Requirement	Ratin	g Notes
6.2.1.2	If the foundation is an integral part of the bed struct shown in either Fig. 10(c) or Fig. 10(d) shall be attempted the inside of a bed end structure of the upper bed cannot be covered by the bedding but that may placement of a pillow.	ached permanently to unk in a location that	
	⚠ WARNING		
	To help prevent serious or fatal injuries from entrapment or falls: Never allow a child under 6 years on upper bunk. Use only mattress which is 74"-75" long and 371/2"-381/2" wide on upper bunk. Ensure thickness of mattress does not exceed " and mattress is at least 5" below upper edge of guardrails. Use guardrails on both sides of upper bunk. Prohibit horseplay on or under bed(s). Prohibit more than one person on upper bunk. Use ladder for entering and leaving upper bunk. STRANGULATION HAZARD — Never attach or hang items to any part of the bunk bed that are not designed for use with the bed; for example, but not limited to, hooks, belts, and jumpropes.		
	(c)		
	∆ warning		
	To help prevent serious or fatal injuries from entrapment or falls: Never allow a child under 6 years on upper bunk. Use only mattress meeting the following specifications on upper bunk: Bed Type Length Width Standard Length 74"-75" 371/2"-381/2" Extra Long 79"-80" 371/2"-381/2" Ensure thickness of mattress does not exceed "and mattress is at least 5" below upper edge of guardrails. Use guardrails on both sides of upper bunk. Prohibit horseplay on or under bed(s). Prohibit more than one person on upper bunk. Use ladder for entering and leaving upper bunk. STRANGULATION HAZARD — Never attach or hang items to any part of the bunk bed that are not designed for use with the bed; for example, but not limited to, hooks, belts, and jumpropes.		
	(d)		



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6.2.2		t of the letters of the word "WARNING n) and uppercase boldface type.)	": <u>0.24</u> in. (R: >0	.1875	Р	
		nt of the letters of the word "DO NOT n. (R: >0.125 in. (3.175mm) and upper				
		nt of the words "To help prevent": n) and boldface type.)	0.13 in . (R: >0.12	25 in.		
		t of the remainder of the text in warnir 5 in.(3.175mm))	ng statement: <u>0.13</u>	<u>3_</u> in.		
		contains sizes appropriate to that muntary Dimensional Guideline for nts. <u>Yes</u>				
	The label bunk. <u>Yes</u>	is attached to the inside of a bed en	nd structure of the i	upper		
		is not covered by the bedding. Yes	s (Exception: it ma	ay be		
6.2.3	Do warnings, including applicable mattress dimensional specifications, appear on the carton containing bed ends on at least one face and one end? Yes			Р		
	The heigh	t of the letters: 0.2 _in. (R: >0.187	5 in.(4.8mm))			
6.3	Do the pe 5.10? <u>Yes</u>	ermanent labels (section 6.1) meet the	ne requirement of se	ection	р	
		g labels (section 6.2.1) applied to the 5.10? <u>Yes</u>	bed meet the require	ement		
7 Instruction	nal Literature	9				
7.1	Is the inst	ruction provided with the bed? Yes			Р	
7.2	Are all par <u>Yes</u>	rts necessary to assemble the bunk b	ed set listed?		Р	
	Are the to	ols necessary for the bunk bed assen	nbly listed as well? <u>\</u>	<u>Yes</u>		
7.3		assembly instruction containing detail ed should be assembled? <u>Yes</u>	diagram showing ex	xactly	Р	
		the specific instructions pertaining to		,		
	7.3.1	Bed end structures	<u>Yes</u>			
	7.3.2	Attachment of side rails	Yes Yes			
	7.3.3	Installation of the mattress/ foundation support system	<u>Yes</u>			
	7.3.4	Fit of upper bunk to lower bunk	Yes			
	7.3.5	Attachment of guardrail	Yes	1		
	7.3.6	Attachment of ladder	Yes	1		



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Clause	Requirement	Rating	Notes
7.4	Is the size of the intended mattress clearly stated? Yes	Р	
	10		
	*Conventional Bedding term:		
	Full / Full		
	*Dimensions for finished mattress:		
	Upper bed: <u>74" – 75"</u> (length) x <u>53-1/2"</u> (width)		
	Lower bed: 74" - 75" (length) x 53-1/2" (width)		
	Is the maximum thickness of the mattress that will ensure conformance		
	to the guardrail provision of section 4.7.3 stated? Yes		
7.5	Is replacement parts information present? Yes	Р	
7.6	Does the instruction contain the Safety Warnings as per section 7.6.1-	Р	
	7.6.13? Yes		
7.6.1	Follow the information on the warnings appearing on the upper bunk end	Р	☑ Provided
	structure and on the carton. Do not remove warning label from bed.		☐ Not Provided
7.6.2	Always use the recommended size mattresses or mattress supports, or	Р	☑ Provided
	both, to help prevent the likelihood of entrapment or falls.		☐ Not Provided
7.6.3	Surface of mattress must be at least 5 in. (127 mm) below the upper edge	Р	☑ Provided
704	of guardrails.		☐ Not Provided
7.6.4	Do not allow children under 6 years of age to use the upper bunk.	Р	☑ Provided
7.6.5	Periodically check and ensure that the guardrail, ladder, and other	P	☐ Not Provided ☑ Provided
7.0.5	components are in their proper position, free from damage, and that all	Р	☐ Not Provided
	connectors are tight.		Not i lovided
7.6.6	Do not allow horseplay on or under the bed and prohibit jumping on the	Р	☑ Provided
	bed.		☐ Not Provided
7.6.7	Always use the ladder for entering and leaving the upper bunk.	Р	☑ Provided
			□ Not Provided
7.6.8	Do not use substitute parts. Contact the manufacturer or dealer for	Р	☑ Provided
	replacement parts.		☐ Not Provided
7.6.9	Use of a night light may provide added safety precaution for a child using	Р	☑ Provided
7.0.10	the upper bunk.		☐ Not Provided
7.6.10	Always use guardrails on both long sides of the upper bunk. If the bunk	Р	☑ Provided
	bed will be placed next to the wall, the guardrail that runs the full length of the bed should be placed against the wall to prevent entrapment		☐ Not Provided
	between the bed and wall.		
7.6.11	The use of water or sleep flotation mattresses is prohibited.	Р	☑ Provided
7.0.11	The add of water of dicep ilotation matticeses is profibited.	•	☐ Not Provided
7.6.12	STRANGULATION HAZARD-Never attach or hang items to any part of	Р	☑ Provided
- -	the bunk bed that are not designed for use with the bed; for example, but		☐ Not Provided
	not limited to, hooks, belts and jump ropes.		
7.6.13	Keep these instructions for future reference.	Р	☑ Provided
			□ Not Provided

NOTE: P = Pass NT = Not Tested

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4. 16 CFR Part 1213 Safety Standard For Entrapment Hazards In Bunk Beds

Clause	Requirement	Rating	Notes
1213.3	Requirements		
1213.3(a)	Guardrails		
	Any bunk bed shall provide at least two guardrails, at least one on each side of the bed, for each bed having the underside of its foundation more than 30 inches (760 mm) from the floor.	Р	
	One guardrail shall be continuous between each of the bed's end structures. "Continuous" means that any gap between the guardrail and end structure shall not exceed 0.22 inches (5.6mm) (so as to not cause a finger entrapment hazard for a child).	Р	
	The other guardrail may terminate before reaching the bed's end structures, providing there is no more than 15 inches (380mm) between either end of the guardrail and the nearest bed end structures.	Р	
	For bunk beds designed to have a ladder attached to one side of the bed, the continuous guardrail shall be on the other side of the bed.	Р	
	Guardrails shall be attached so that they cannot be removed without either intentionally releasing a fastening device or applying forces sequentially in different directions.	Р	
	The upper edge of the guardrails shall be no less than 5 inches (130 mm) above the top surface of the mattress when a mattress of the maximum thickness specified by the bed manufacturer's instructions is on the bed. This requirement does not prohibit a wall-side guardrail that terminates in a quarter-circle bend and attaches to the side rail of the upper bunk foundation.	Р	
	With no mattress on the bed, there shall be no openings in the structure between the lower edge of the uppermost member of the guardrail and the underside of the upper bunk's foundation that would permit passage of the wedge block of this part when tested in accordance with the procedure at §1213.4(a).	Р	
1213.3(b)	Bed end structures.		
	The upper edge of the upper bunk end structures shall be at least 5 inches (130 mm) above the top surface of the mattress for at least 50 percent of the distance between the two posts at the head and foot of the upper bunk when a mattress and foundation of the maximum thickness specified by the manufacturer's instructions is on the bed.	Р	
	With no mattress on the bed, there shall be no openings in the end structures above the foundation of the upper bunk that will permit the free passage of the wedge block when tested in accordance with the procedure at § 1213.4(b).	Р	
	When tested in accordance with § 1213.4(c), there shall be no openings in the end structures between the underside of the foundation of the upper bunk and upper side of the foundation of the lower bunk that will permit the free passage of the wedge block, unless the openings are also large enough to permit the free passage of a 9 inch (230 mm) diameter rigid sphere.	Р	
	All portions of the boundary of any opening required by §§ 1213.4(c)(1) and (2) to be probed by the wedge block, and that permits free passage of a 9-inch diameter sphere, must conform to the neck entrapment requirements of § 1213.4(c)(3).	Р	
1213.5	Marking and labeling.	-	<u></u>
1213.5(a)	There shall be a permanent label or marking on each bed stating the name and address (city, state, and zip code) of the manufacturer, distributor, or retailer; the model number; and the month and year of manufacture.	Р	

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Clause	Requirement	Rating	Notes
1213.5(b)	The following warning label shall be permanently attached to the inside of an upper bunk bed end structure in a location that cannot be covered by the bedding but that may be covered by the placement of a pillow.		
	[△] WARNING		
	To help prevent serious or fatal injuries from entrapment or falls:		
	Never allow a child under 6 years on upper bunk		
	Use only a mattress that is inches long and inches wide on upper bunk	Р	
	Ensure thickness of mattress and foundation combined does not exceed inches and that mattress surface is at least 5 inches below upper edge of guardrails		
	DO NOT REMOVE THIS LABEL		
1213.6	Instructions. Instructions shall accompany each bunk bed set, and shall include the following information.		
1213.6(a)	Size of mattress and foundation. The length and width of the intended mattress and foundation shall be clearly stated, either numerically or in conventional terms such as twin size, twin extra-long, etc. In addition, the maximum thickness of the mattress and foundation required for compliance with § 1213.3(a)(5) and (b)(1) shall be stated.	Р	
1213.6(b)	Safety warnings The instructions shall provide the following safety warnings:	Р	
	Do not allow children under 6 years of age to use the upper bunk.	Р	
	Use guardrails on both sides of the upper bunk.	Р	
	Prohibit horseplay on or under beds.	Р	
	Prohibit more than one person on upper bunk.	Р	
	Use ladder for entering or leaving upper bunk.	Р	
	If the bunk bed will be placed next to a wall, the guardrail that runs the full length of the bed should be placed against the wall to prevent entrapment between the bed and the wall. This applies only to bunk beds without two full-length guardrails.	Р	

NOTE: P = Pass NT = Not Tested F = Fail

NA = Not Applicable

NR = Not Requested



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5. 16 CFR Part 1513 Requirements For Bunk Beds

Clause	Requirement	Rating	Notes
1513.3 Req	uirements.		
(a) Guardra	ails.		
(1)	Any bunk bed shall provide at least two guardrails, at least one on each side of the bed, for each bed having the underside of its foundation more than 30 inches (760 mm) from the floor.	Р	
(2)	One guardrail shall be continuous between each of the bed's end structures. "Continuous" means that any gap between the guardrail and end structure shall not exceed 0.22 inches (5.6 mm) (so as to not cause a finger entrapment hazard for a child).	Р	
(3)	The other guardrail may terminate before reaching the bed's end structures, providing there is no more than 15 inches (380 mm) between either end of the guardrail and the nearest bed end structure.	Р	
(4)	For bunk beds designed to have a ladder attached to one side of the bed, the continuous guardrail shall be on the other side of the bed.	Р	
(5)	Guardrails shall be attached so that they cannot be removed without either intentionally releasing a fastening device or applying forces sequentially in different directions.	Р	
(6)	The upper edge of the guardrails shall be no less than 5 inches (130 mm) above the top surface of the mattress when a mattress of the maximum thickness specified by the manufacturer's instructions is on the bed. This requirement does not prohibit a wall-side guardrail that terminates in a quartercircle bend and attaches to the side rail of the upper bunk foundation.	Р	
(7)	With no mattress on the bed, there shall be no openings in the structure between the lower edge of the uppermost member of the guardrail and the underside of the upper bunk's foundation that would permit passage of the wedge block shown in Figure 1 of this part when tested in accordance with the procedure at § 1513.4(a).	Р	
(b) Bed end	d structures.		
(1)	The upper edge of the upper bunk end structures shall be at least 5 inches (130 mm) above the top surface of the mattress for at least 50 percent of the distance between the two posts at the head and foot of the upper bunk when a mattress and foundation of the maximum thickness specified by the manufacturer's instructions is on the bed.	Р	
(2)	With no mattress on the bed, there shall be no openings in the rigid end structures above the foundation of the upper bunk that will permit the free passage of the wedge block shown in Figure 1 when tested in accordance with the procedure at § 1513.4(b).	Р	
(3)	When tested in accordance with § 1513.4(c), there shall be no openings in the end structures between the underside of the foundation of the upper bunk and upper side of the foundation of the lower bunk that will permit the free passage of the wedge block shown in Figure 1, unless the openings arealso large enough to permit the free passage of a 9-inch (230-mm) diameter rigid sphere.	Р	
(4)	All portions of the boundary of any opening required by §§ 1513.4(c)(1) and (2) to be probed by the wedge block of Figure 1, and that permits free passage of a 9-inch diameter sphere, must conform to the neck entrapment requirements of § 1513.4(c)(3).	Р	
1513.5 Mar	king and labeling		
(a)	There shall be a permanent label or marking on each bed stating the name and address (city, state, and zip code) of the manufacturer, distributor, or retailer; the model number; and the month and year of manufacture.	Р	

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Clause	Requirement	Rating	Notes
(b)	The following warning label shall be permanently attached to the inside of an upper bunk bed end structure in a location that cannot be covered by the bedding but that may be covered by the placement of a pillow.	Р	
	△ WARNING		
	To help prevent serious or fatal injuries from entrapment or falls:		
	Never allow a child under 6 years on upper bunk		
	Use only a mattress that is inches long and inches wide on upper bunk		
	Ensure thickness of mattress and foundation combined does not exceed inches and that mattress surface is at least 5 inches below upper edge of guardrails		
	DO NOT REMOVE THIS LABEL		
1513.6 Inst	ructions Instructions shall accompany each bunk bed set, and shall information.	include the fo	llowing
(a)	Size of mattress and foundation. The length and width of the intended mattress and foundation shall be clearly stated, either numerically or in conventional terms such as twin size, twin extra-long, etc. In addition, the maximum thickness of the mattress and foundation required for compliance with § 1513.3 (a)(5) and (b)(1) of this part shall be stated.	Р	
(b)	Safety warnings. The instructions shall provide the following safety warnings:		
(1)	Do not allow children under 6 years of age to use the upper bunk.	Р	
(2)	Use guardrails on both sides of the upper bunk.	Р	
(3)	Prohibit horseplay on or under beds.	Р	
(4)	Prohibit more than one person on upper bunk.	Р	
(5)	Use ladder for entering or leaving upper bunk.	Р	
(6)	If the bunk bed will be placed next to a wall, the guardrail that runs the full length of the bed should be placed against the wall to prevent entrapment between the bed and the wall. (This applies only to bunk beds without two full-length guardrails.)	Р	

NOTE: P = Pass F = Fail NA = Not Applicable NR = Not Requested

NT = Not Tested

6. Sharp Point, Sharp Edges

Test method	Test requirement	Result
Hazardous sharp edges (16 CFR 1500.49)	There shall be no hazardous sharp edges as defined by 16 CFR 1500.49 before or after testing to this specification	PASS
Hazardous sharp point (16 CFR 1500.48)	There shall be no hazardous sharp points as defined by 16 CFR 1500.48 before or after testing to this specification	PASS

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EXHIBIT(S):





Exhibit. 3



Exhibit. 4



Exhibit. 5



Exhibit. 6



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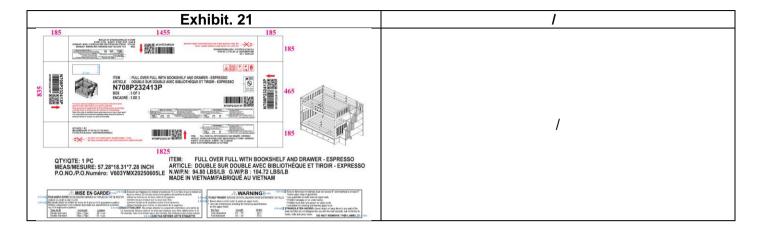
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NOTE:

The test results are considered as conform to specification based on the general consideration simple acceptance as stated in ISO/IEC GUIDE 98-4:2012.

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