

TEST REPORT

Mar. 31, 2025

LAB LOCATION: **REPORT NUMBER:** **VIET NAM**

EFFN25030662-CG-01

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ISSUE DATE:

PAGE:

	OVERALL RATING	
PASS		X
FAIL		
DATA		

Applicant:	GIGACLOUD TECHNOLOGY (USA) INC			
Address:	4388 SHIRLEY AVE, EL MONTE, CA 91731			
Contact:	XĨN CẨM MÙI			
TEL:	038 822 3938 FAX: -			
E-mail:	caigou mtn@gigacloudtech.com dafang.sp@gmail.com			
Copy To:	-			

Sample Information				
Sample Description	FULL LOFT BED WITH WARDROBE			
Style Number	WF308776/ WF308777/ \	VF308778		
SKU	-			
Vendor Name	GIGACLOUD TECHNOL	OGY(USA) INC		
Vendor style number	-			
Quantity	1	PO Number	ALL PO	
Buyer's Name	GIGACLOUD TECHNOLOGY(USA) INC	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	Mar. 13, 2025	Test Performance Dates	Mar. 13, 2025	
Testing Status				
Pre-Shipment Lead Test		Test for Protocol	-	
Retest		Previous Report No.: -		



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Sample Photo



EFFN25030662-CG-01

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 - 15 U.S. Code §1278a	X	-	-	-
ASTM F1427 – 21e1 Standard Consumer Safety Specification for Bunk Beds	Χ	-	-	-
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	-	-	-

COMPONENT BREAKDOWN LIST:

Test Item	Component Description
01	Silvery metal with golden plating (Allen head bolt)
02	Silvery metal with golden plating (Allen head bolt) (Same item 01)
03	Silvery metal with golden plating (Allen head bolt)
04	Silvery metal with golden plating (Allen head Screw)
05	Silvery metal with golden plating (Allen head Screw) (Same item 04)
06	Silvery metal with golden plating (Allen head Screw) (Same item 04)
07	Silvery metal with golden plating (Cross dowel)
08	Silvery metal with golden plating (Screw)
09	MDF wood
10	Silvery metal with golden plating (Lock washer)
11	Silvery metal (Metal plate)
12	Silvery metal with golden plating (Hinge)
13	Silvery metal with golden plating (Pin - Hinge)
14	Silvery metal with golden plating (Hinge)
15	White plastic (Door catcher)
16	Silvery metal (Door catcher)
17	Silvery metal with golden plating (Hinge)
18	Silvery metal with golden plating (Pin - Hinge)

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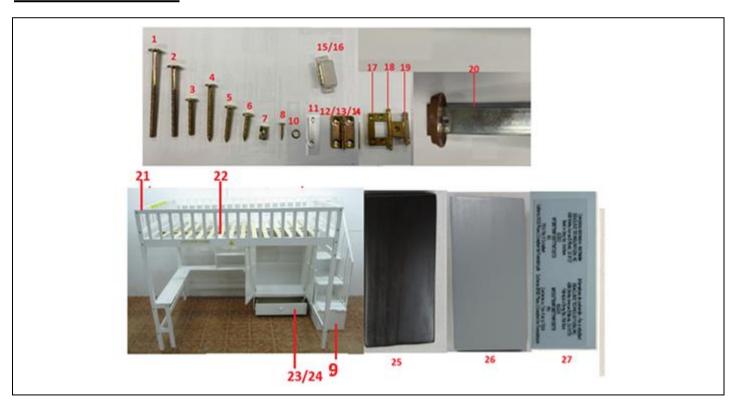
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Test Item	Component Description
19	Silvery metal with golden plating (Hinge)
20	Silvery metal (Drawer slide)
21	Natural wood
22	Plywood
23	Particle board
24	White coating on wood (Bunk bed) (Color panel was tested)
25	Espresso coating on wood (Bunk bed) (Color panel was tested)
26	Grey coating on wood (Bunk bed) (Color panel was tested)
27	White paper with black printing with glue backing and transparent plastic laminate (Label)

Remark:

- (1) Test result was transferred from report# EFFN25020340-CG-01.
- (2) Test result was transferred from report# 76124-090443 Revised 1.
- (3) Test result was transferred from report# 76124-050180.
- (4) Test result was transferred from report# 76124-081437.
- (5) Test result was transferred from report# 76124-080647.

EXHIBIT BREAKDOWN:







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TEST RESULT(S):

1. <u>Total Lead Content in Paint or Similar Surface Coating – U.S. CPSC 16 CFR 1303 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.

Toot Itom	Total Lead	(Pb) (ppm)	Conclusion
Test Item	Result	Limit	Conclusion
24 ⁽¹⁾	ND	90	PASS
25 ⁽¹⁾	ND	90	PASS
26 ⁽¹⁾	ND	90	PASS

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

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

2. Total Lead Content - 15 U.S. Code §1278a

Test Item	A coocibility (#)	Classification	Total Lead	(Pb) (ppm)	Conclusion
rest item	Accessibility (#)	Classification	Result	Limit	Conclusion
01 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
03 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
04 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
07 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
08 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
09 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
10 ⁽⁴⁾	Accessible as received	Accessible substrate	ND	100	PASS
11 ⁽⁵⁾	Accessible as received	Accessible substrate	ND	100	PASS
12 ⁽⁶⁾	Accessible as received	Accessible substrate	ND	100	PASS
13 ⁽⁶⁾	Accessible as received	Accessible substrate	ND	100	PASS
14 ⁽⁶⁾	Accessible as received	Accessible substrate	ND	100	PASS
15 ⁽⁵⁾	Accessible as received	Accessible substrate	ND	100	PASS
16 ⁽⁵⁾	Accessible as received	Accessible substrate	ND	100	PASS
17 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
18 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
19 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
20 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
21	Accessible as received	Accessible substrate	NA	100	NA
22 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
23 ⁽²⁾	Accessible as received	Accessible substrate	ND	100	PASS
24 ⁽¹⁾	Accessible as received	Paint or similar surface coating	ND	90	PASS
25 ⁽¹⁾	Accessible as received	Paint or similar surface coating	ND	90	PASS
26 ⁽¹⁾	Accessible as received	Paint or similar surface coating	ND	90	PASS
27 ⁽³⁾	Accessible as received	Accessible substrate	ND	100	PASS

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Method:

1) Lead in paint and other similar surface coatings:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings. February 25, 2011 (CPSC-CH-E1003-09.1)

2) Lead in metals:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 (CPSC-CH-E1001-08.3)

3) Lead in other non-metal materials including plastics, glass and leather material:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 (CPSC-CH-E1002-08.3)

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

NA = Not applicable

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

Remark:

#: The accessibility of the submitted sample is verified according to 16 CFR 1500.87 (e) before and after abuse.





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3. ASTM F1427 - 21e1 Standard Consumer Safety Specification For Bunk Beds

Clause	Requirement	Rating	Notes			
	Performance Requirements:					
4.1 Vertica 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.	P	✓ Vertical protrusion: 0.08in. Position: corner post. □ Ladder stiles: in.			
	Ladder stiles (uprights) shall not extend more than 3/16 in. (4.8 mm) above the upper edge of the adjacent surface.		Ladder Stiles III.			
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.	NA	Record:in. □ 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.	NA				
4.5 Upper	and 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: 3-1/4 in. Lower foundation: -Slat to slat: inSlat to Bed end structure: 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 F	Rails:					

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t-On Side Rails, that attach at their ends or on their side to the bed st, are secured at each end by2 bolts with a minimum size of in. diameter/ ISO/ANSI size M6 (REQ: >0.25 in. diameter M6) is wood bed, these bolts are spaced a minimum of: in. apart their center. (REQ: >1.5in.) ten the bolts are fully tightened in the assembled bed, no more than 5 in. of thread is exposed? Yes ok-On Side Rails, securely attached to the bed post. Hook-on achments shall require an additional action other than an upwards be to disengage. The Rail Attachments: The shall be no structural failure of bed side rail fastening systems when ted in accordance with 5.5. The underside of the foundation is: 56-3/4 in. from the floor. EQ: over 30 inches.) We many guardrail(s) accompany the bed: 2	NA P	If it is Hook-On side rail, NA If it is Bolt-On side rail, NA
their center. (REQ: ≥1.5in.) ten the bolts are fully tightened in the assembled bed, no more than 5 in. of thread is exposed? Yes ok-On Side Rails, securely attached to the bed post. Hook-on achments shall require an additional action other than an upwards be to disengage. The Rail Attachments: The shall be no structural failure of bed side rail fastening systems when ted in accordance with 5.5. The underside of the foundation is:	P	If it is Bolt-On side rail, NA
5 in. of thread is exposed? Yes Ok-On Side Rails, securely attached to the bed post. Hook-on achments shall require an additional action other than an upwards be to disengage. Re Rail Attachments: Rere shall be no structural failure of bed side rail fastening systems when ted in accordance with 5.5. Required to the foundation is: 56-3/4 in. from the floor. EQ: over 30 inches.)	P	If it is Bolt-On side rail, NA
achments shall require an additional action other than an upwards be to disengage. Re Rail Attachments: Rere shall be no structural failure of bed side rail fastening systems when ted in accordance with 5.5. Requirements an additional action other than an upwards be to disengage. Real Attachments: Real Attachme	P	If it is Bolt-On side rail, NA
ere shall be no structural failure of bed side rail fastening systems when ted in accordance with 5.5. e underside of the foundation is:in. from the floor. EQ: over 30 inches.)		
ted in accordance with 5.5. e underside of the foundation is:in. from the floor. EQ: over 30 inches.)	P	
e underside of the foundation is:in. from the floor. EQ: over 30 inches.)	Р	
EQ: over 30 inches.)	Р	
•		1
w many guardrail(s) accompany the bed:2		
EQ: 2 guardrails.)		
y intentional release of fastening device is present for guardrails so t they cannot be removed unless forces are applied sequentially in erent direction? Yes	Р	
e upper edge of the guardrails is: <u>8-3/8</u> in. above the sleeping face when a mattress of the thickness that is the maximum specified the manufacturer's instruction is used on the bed. ($REQ: \geq 5in.$)	Р	
h no mattress on the bed, there shall be no openings in the rigid bed acture below the lower edge of any opening of the guardrail that would mit complete passage of the wedge block when tested in accordance n 5.6.	Р	
e guardrail terminate before reaching the bed end structure, the tance between either end of the guardrail and the bed end structures he same plane when measured at a point 5 in. above the sleeping face as established by the maximum mattress thickness specified by manufacturer: $\underline{0}$ in. $(R: \leq 15in.)$	P	
e second guardrail terminate before reaching the bed end structure, distance between either end of the guardrail and the bed end structure		
h in tan fa	no mattress on the bed, there shall be no openings in the rigid bed cture below the lower edge of any opening of the guardrail that would nit complete passage of the wedge block when tested in accordance 5.6 . guardrail terminate before reaching the bed end structure, the ance between either end of the guardrail and the bed end structures are same plane when measured at a point 5 in. above the sleeping ace as established by the maximum mattress thickness specified by manufacturer: 0 in. $(R: \le 15in.)$ second guardrail terminate before reaching the bed end structure, distance between either end of the guardrail and the bed end structure in measured horizontally between the bed end structure and the	no mattress on the bed, there shall be no openings in the rigid bed cture below the lower edge of any opening of the guardrail that would nit complete passage of the wedge block when tested in accordance 5.6. guardrail terminate before reaching the bed end structure, the ance between either end of the guardrail and the bed end structures are same plane when measured at a point 5 in. above the sleeping ace as established by the maximum mattress thickness specified by manufacturer:0 in. (R: < 15in.) second guardrail terminate before reaching the bed end structure, distance between either end of the guardrail and the bed end structure



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4.8.1	The total distance between the two posts at the head of the upper bunk: _53-1/2 in.	Р	
	The distance between the two posts at the head of the upper bunk at 5 in above the sleeping surface: <u>53-1/2</u> in.		
	Percentage of that at the head: <u>100</u> % (R: ≥ 50%)		
	The total distance between the two posts at the foot of the upper bunk: _53-1/2_in.		
	The distance between the two posts at the foot of the upper bunk at 5in above the sleeping surface: <u>37-3/4</u> in.		
	Percentage of that at the foot: _70.6_% (R: ≥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	
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.	NA	
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.	NA	
4.9 Ladde	ers:		
4.9.1	Type of ladder:	Р	☐ Not Provided
	incorporated as part of the bed structure		□ No Ladder
	Is the ladder attached in a manner that prevents inadvertent disengagement, repositioning, or tilting while in use? <u>Yes</u>		



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Clause	Requirement	Rating	Notes
4.9.2	Are there openings between ladder structures that allow complete passage of the wedge block? Yes	Р	_ k a)
	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:		
	Vertical spacing of ladder steps measured between steps: 12-1/4 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: 		
4.9.3	Are there openings between the ladder step and the upper bunk boundary that allow complete passage of the wedge block? No	Р	
	If Yes, does the 9 in. diameter rigid sphere pass freely through the openings? Yes/No		
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:	NA	
	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.		
5 Test Me	ethods:		
5.1	Is the bed assembled in accordance with the provided instructions? Yes	Р	
5.2 Mattre	ess 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 ? <u>No</u>		
5.3	Mattress Size and Fit—Lower Foundation	NA	
	Are there any space between the edge of the manufacturer's recommended mattress and the interior boundary of any attached component is between 1.88 in. (48 mm) and 9 in. (229 mm)? <u>No</u>		
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? <u>Yes</u>		

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Clause	Requirement	Rating	Notes
5.5	Side Rails	Р	
	Apply force at Corner 1 of the bed? <u>Yes</u>		
	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? <u>Yes</u>		
	Is there no structural failure of bed side rail fastening systems as per section 4.6.3? <u>Yes</u>		
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 Bed E	and Structures:		
5.7.1	Is there no opening in the rigid end structures of the upper bunk that will permit the free passage of the wedge block as per section 4.8.2 Yes	Р	
	(This requirement shall apply only to that portion of the bed end structure that is above the foundation support system of the upper bunk.)		
5.7.2 Low	ver Bunk Boundaries:		
5.7.2.1	Without a mattress or foundation on the lower bunk foundation support, 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 through the opening.	NA	
5.7.2.2	With the manufacturer's recommended mattress and foundation size in place, on the lower bunk foundation support, repeat the test in 5.7.2.1.	NA	
5.7.2.3- 5.7.2.4	Is any portion of the boundary of any opening of the lower bunk end structure that permits free passage of a 9 in. diameter rigid sphere? Yes If Yes, is there simultaneous contact between the boundary of the opening and both sides of the A section of the template? No If Yes, does the neck portion of the B section of the template completely	NA	
	enter the opening (passes 0.75in. or more beyond the points previously contacted by the A section of the template)? <u>Yes/ No</u>		
	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 to the part of the opening as per section 4.8.4? * Yes/ No/ NA		
5.8 Metal	Beds- Frame and Fastenings:		
5.8.1-	Number of cycle/	NA	
5.8.1.1	Number of loads per minute:		
	(R: ≤24 loads per minute)		
	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/ No		

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Clause	Requirement	Rating	Notes
5.8.2	Apply force at each point of attachment of the foundation support system to the end structure.	NA	
	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/ No		
5.9	Are cross-members utilized? Yes	Р	
	If Yes , Number of cross-members per bed: Upper bunk bed 14 & Lower bunk bed (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? <u>No</u>		
	If Yes , does the gap(s) also permit complete passage of the 9 in. diameter rigid sphere? <u>Yes/ No</u>		
	This requirement applies to both the upper and lower bunk foundation support systems.		
5.10 Pern	nanency of Labels and Warnings		
5.10.1- 5.10.2	It is a <u>Paper Label</u> on the bed	Р	
	Is it a permanent label as tested per section 5.10.1 or 5.10.2? <u>Yes</u>		
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? Yes/ No	NA	
6 Marking	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): WF308776/ WF308777/ WF308778 (3): 03/2025
6.2	Warnings		

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Clause	Requirement	Rating	Notes
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.	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 mattress which is 74"-75" long and 371/2"-381/2" 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		
	△ 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" 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		
	(b)		



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Clause	Requirement		Rating	Notes
6.2.1.2	If the foundation is an integral part of the bed structure shown in either Fig. 10(c) or Fig. 10(d) shall be attact the inside of a bed end structure of the upper buncannot be covered by the bedding but that may placement of a pillow.	thed permanently to k in a location that	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"–381/2" 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. DO NOT REMOVE THIS LABEL			
	(c)	•		
	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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Clause	Requirement		Rati	ng	Notes
6.2.2	The height of the letters of the word "WARNII >0.1875 in. (4.8 mm) and uppercase boldface ty		(R: P	1	
	The height of the letters of the word "DO NOT F 0.15in. (R: >0.125 in. (3.175mm) and upper				
	The height of the words "To help prevent":0. (3.175mm) and boldface type.)	. 15in . (R: >0.12	5 in.		
	The height of the remainder of the text0.15in. (R: >0.125 in.(3.175mm))	in warning statem	nent:		
	The label contains sizes appropriate to that ma ISPA Voluntary Dimensional Guideline for E Components. Yes				
	The label is attached to the inside of a bed enbunk. Yes	d structure of the up	pper		
	The label is not covered by the bedding. <u>Yes</u> covered by the placement of a pillow.)	(Exception: it may	y 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				
	The height of the letters:0.2in. (R: >0.18	75 in.(4.8mm))			
6.3	Do the permanent labels (section 6.1) meet the 5.10? Yes Do warning labels (section 6.2.1) applied to the box	·			
	of section 5.10? Yes				
7 Instruct	onal Literature				
7.1	Is the instruction provided with the bed? Yes		P		
7.2	Are all parts necessary to assemble the bunk be	d set listed? Yes	P		
	Are the tools necessary for the bunk bed assemble	oly listed as well? Ye	<u>es</u>		
7.3	Does the assembly instruction containing detail diagram showing exactly how the bed should be assembled? <u>Yes</u>		actly P		
	It contains the specific instructions pertaining to				
	7.3.1 Bed end structures	Yes			
	7.3.2 Attachment of side rails	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			
	7.3.6 Attachment of ladder	Yes			

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Clause	Requirement	Rating	Notes
7.4	Is the size of the intended mattress clearly stated? Yes	Р	
	*Conventional Bedding term: other: Full		
	*Dimensions for finished mattress: Upper bed: 74" – 75" (length) x 54" (width) Lower bed: (length) x (width)		
	Is the maximum thickness of the mattress that will ensure conformance to the guardrail provision of section 4.7.3 stated? <u>Yes</u>		
7.5	Is replacement parts information present? Yes	Р	
7.6	Does the instruction contain the Safety Warnings as per section 7.6.1-7.6.13? Yes	Р	
7.6.1	Follow the information on the warnings appearing on the upper bunk end structure and on the carton. Do not remove warning label from bed.	Р	☑ Provided □ Not Provided
7.6.2	Always use the recommended size mattresses or mattress supports, or both, to help prevent the likelihood of entrapment or falls.	Р	☑ Provided □ Not Provided
7.6.3	Surface of mattress must be at least 5 in. (127 mm) below the upper edge of guardrails.	Р	☑ Provided □ Not Provided
7.6.4	Do not allow children under 6 years of age to use the upper bunk.	Р	☑ Provided □ Not Provided
7.6.5	Periodically check and ensure that the guardrail, ladder, and other components are in their proper position, free from damage, and that all connectors are tight.	Р	☑ Provided ☐ Not Provided
7.6.6	Do not allow horseplay on or under the bed and prohibit jumping on the bed.	Р	☑ Provided □ 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 replacement parts.	Р	☑ Provided □ Not Provided
7.6.9	Use of a night light may provide added safety precaution for a child using the upper bunk.	Р	☑ Provided □ Not Provided
7.6.10	Always use guardrails on both long sides of the upper bunk. If the bunk 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 between the bed and wall.	Р	☑ Provided □ Not Provided
7.6.11	The use of water or sleep flotation mattresses is prohibited.	Р	☑ Provided □ Not Provided
7.6.12	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 jump ropes.	Р	☑ Provided □ Not Provided
7.6.13	Keep these instructions for future reference.	Р	☑ Provided □ Not Provided

NOTE:

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

Clause	ause Requirement		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.	0	
	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.	NA	
	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).	NA	

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Clause	Clause Requirement		Notes
1213.5	Marking and labeling.		
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	
1213.5(b)	213.5(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		
	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.	Р	
	Instructions shall accompany each bunk bed set, and shall include the following information.		
1213.6(a)	Size of mattress and foundation.	Р	
	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.		
1213.6(b)	Safety warnings The instructions shall provide the following safety warnings:		
	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.	Р	
	This applies only to bunk beds without two full-length guardrails.		

NOTE:

P = Pass

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5. 16 CFR Part 1513-Requirements For Bunk Beds

Clause	Requirement	Rating	Notes
1513.3 Re	equirements.		
(a) Guard		T	
(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 e	nd 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.	NA	
(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).	NA	
1513.5 M	arking 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)	of an upper bunk b	ing label shall be permanently attached to the inside sed end structure in a location that cannot be covered that may be covered by pillow.	Р	
		[△] WARNING		
	To help prevent se	erious or fatal injuries from entrapment or falls:		
	Never allow	a child under 6 years on upper bunk		
	Use only a reside on upp	nattress that is inches long and inches er bunk		
	does not ex	ness of mattress and foundation combined ceed inches and that mattress surface is at es below upper edge of guardrails		
		DO NOT REMOVE THIS LABEL		
1513.6 In	structions	Instructions shall accompany each bunk bed set, and information.	shall include	the following
(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.			
(b)	Safety warnings. warnings:	The instructions shall provide the following safety		
(1)	Do not allow childre	en 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)	length of the bed sh	be placed next to a wall, the guardrail that runs the full nould be placed against the wall to prevent entrapment and the wall. (This applies only to bunk beds without two ls.)	Р	

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

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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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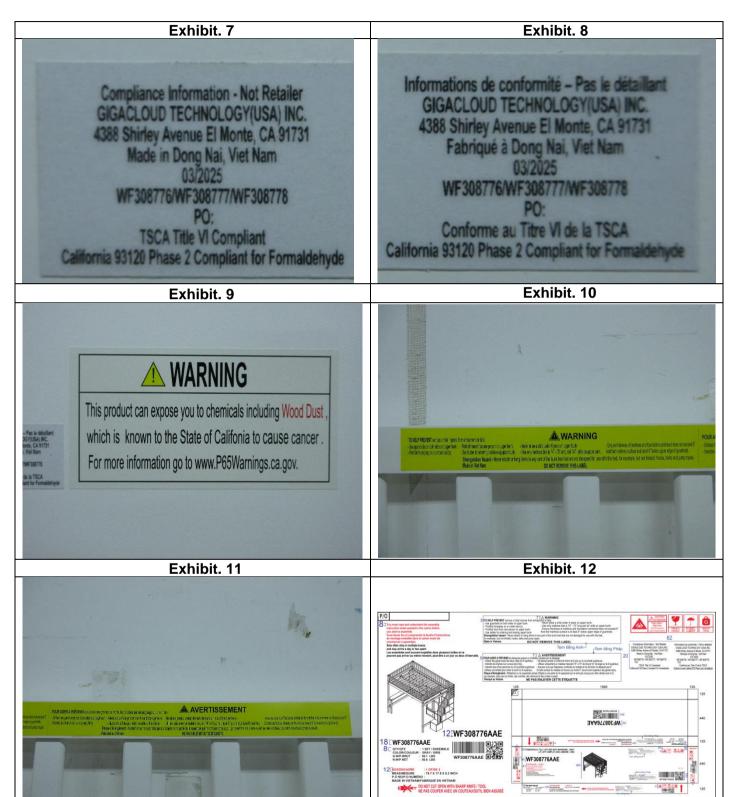
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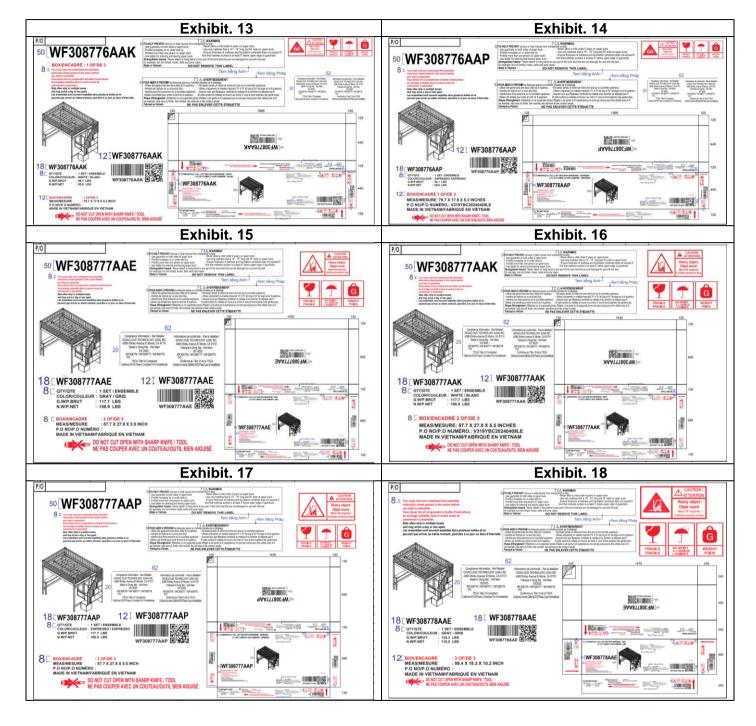
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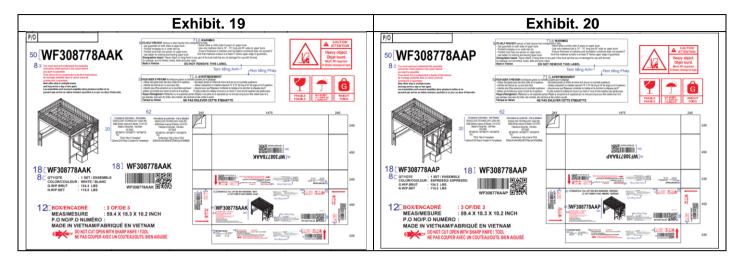
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NOTE:

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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