

## **TEST REPORT**

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

76124-081089 Revised 1

**ISSUE DATE:** Sep. 18, 2024

PAGE: 1 of 25

**REVISED DATE:** May 22, 2025

Applicant:	GIGACLOUD TECHNOLOGY (USA) INC.				
Address:	4388 SHIRLEY AVENUE EL MONTE, CA 91731				
Contact:	Xavier Boucher				
TEL:	519-897-3769 <b>FAX:</b> -				
E-mail:	minhhanh.wood@yahoo.com.vn nhaphuong@gigacloudtech.com mh-purchase1@minhhanhvn.com Is@gigacloudtech.com				
Сору То:	-				

	OVERALL RATING
PASS	X
FAIL	<del></del>
DATA	

Sample Information				
Sample Description	F/F/F TRIPLE BUNK BED WITH SLIDE			
Style Number	-			
sku	N708P316410/ N708P316411/ N708P316412			
Vendor Name	GIGACLOUD TECHNOLO	DGY(USA) INC.		
Vendor style number	YMX			
Quantity	-	PO Number	-	
Buyer's Name	GIGACLOUD	Manufacturer	GIGACLOUD TECHNOLOGY(USA) INC.	
Country of Origin	VIETNAM	Country of Destination	USA	
Code Number	-	Date of production	-	
Reference item/ style number	-	Color	WHITE/ GRAY/ ESPRESSO	
Date of Submission	Aug. 20, 2024	Test Performance Dates	Aug. 20, 2024	
Testing Status				
Pre-Shipment Lead Test		Test for Protocol	-	
Retest		Previous Report No.: -		



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Sample Photos

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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 Substrate	X	-	-	-	
ASTM F1427 – 2021e1 Standard Consumer Safety Specification For Bunk Beds	Х	-	-	-	
16 CFR Part 1213 Safety Standard For Entrapment Hazards In Bunk Beds	X	-	-	-	
16 CFR Part 1513 Requirements For Bunk Beds	Х	-	-	-	
Sharp Point, Sharp Edges	Х	-	-	-	

Remark: The report was revised on May 22, 2025 to change SKU as client's request.



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# **Softlines &** Hardlines

Hardling

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#### **COMPONENT BREAKDOWN LIST:**

Test Item	Component Description
01	Silvery metal (Allen head bolt)
02	Silvery metal (Allen head bolt) (Same item 1)
03	Silvery metal (Allen head screw)
04	Silvery metal (Allen head screw)
05	Silvery metal (Long - Allen head bolt)
06	Silvery metal (Cross dowel)
07	Silvery metal (Allen head screw) (Same item 4)
08	Silvery metal (Flat washer)
09	Silvery metal (Lock washer)
10	Silvery metal with golden plating (Bracket)
11	Natural (Bunk bed)
12	White coating on wood (Color panel)
13	Grey coating on wood (Color panel)
14	MDF wood (Bunk bed)
15	Plywood (Bunk bed)
16	White paper with yellow/ black printing and transparent plastic cover (Label)
17	Espresso coating on wood (Color panel)

#### Remarks:

- (1) Test result was transferred from report# 76124-011123.
- (2) Test result was transferred from report# 76124-031260.
- (3) Test result was transferred from report# 76123-090276.
- (4) Test result was transferred from report# 76124-060925.
- (5) Test result was transferred from report# 76123-081468.



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#### **EXHIBIT BREAKDOWN:**

**REPORT NUMBER:** 





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#### **TEST RESULT(S):**

#### 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

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

To at Itama	Total Lead	(Pb) (ppm)	Canalysian
Test Item	Result	Limit	Conclusion
12 <sup>(1)</sup>	ND	90	PASS
13 <sup>(1)</sup>	ND	90	PASS
17 <sup>(2)</sup>	ND	90	PASS

Note:

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

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

## 2. <u>Total Lead Content in Accessible Substrate – Client's requirement to U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101</u>

Test Method:

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

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

Took House	Total Lead	(Pb) (ppm)	O a maluraia m
Test Item -	Result	Limit	Conclusion
01 <sup>(3)</sup>	ND	100	PASS
<b>03</b> <sup>(3)</sup>	ND	100	PASS
<b>04</b> <sup>(3)</sup>	ND	100	PASS
<b>05</b> <sup>(3)</sup>	ND	100	PASS
<b>06</b> <sup>(3)</sup>	ND	100	PASS
08	ND	100	PASS
09	ND	100	PASS
10 <sup>(5)</sup>	ND	100	PASS
11	NA	100	NA
14 <sup>(3)</sup>	ND	100	PASS
15 <sup>(3)</sup>	ND	100	PASS
16 <sup>(4)</sup>	ND	100	PASS

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

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

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

✓ Vertical protrusion:  0.16 in.  Position: corner post  ✓ Ladder stiles: 0 in.					
0.16 in. Position: corner post ☑ Ladder stiles:0 in.					
0.16 in. Position: corner post ☑ Ladder stiles:0 in.					
☐ H:in. W:in. (H <sub>max</sub> = 20%W) ☑ No cap					
Record:  3-1/8 in.  ☑ A fastening mechanism provided  ☐ Bed post no separate					
4.5 Upper and Lower Foundation Support Systems:					
1					

GR-HL-V1/15.12.2024

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Clause	Requirement	Rating	Notes
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:2-1/4_in. Lower foundation: -Slat to slat: 9-1/8_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 Rai	ls:		
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 by2 bolts with a minimum size ofM6 diameter/ ISO/ANSI size M6 (REQ: ≥0.25 in. diameter or M6)	Р	If it is Hook-On side rail, NA
	If it is wood bed, these bolts are spaced a minimum of:		
	_2_in. apart on their center. (REQ: ≥1.5in.)		
	When the bolts are fully tightened in the assembled bed, no more than <b>0.25 in</b> . of thread is exposed? <u>Yes</u>		
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:	Р	
	There shall be no structural failure of bed side rail fastening systems when tested in accordance with 5.5.		
4.7 Guardrai	ls:		
4.7.1	The underside of the foundation is:61-1/2in. 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? <b>Yes</b>	Р	
4.7.3	The upper edge of the guardrails is: 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. $(REQ: \geq 5in.)$	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	



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Clause	Requirement	Rating	Notes
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:15in. ( $R$ : $\leq$ 15in.)	Р	
	The second guardrail terminate before reaching the bed end structure, 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: $\underline{0}$ in. ( $R$ : $\leq$ 0.22in.)		
4.8 Bed Stru	ucture:		
4.8.1	The total distance between the two posts at the head of the upper bunk: in.	Р	
	The distance between the two posts at the head of the upper bunk at 5 in above the sleeping surface: $52-1/2$ in. Percentage of that at the head: $100$ % ( $R$ : $\geq 50\%$ )		
	The total distance between the two posts at the foot of the upper bunk: 52-1/2_in.		
	The distance between the two posts at the foot of the upper bunk at 5in above the sleeping surface:in.		
	Percentage of that at the foot:		
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.	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:	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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Requirement	Rating	Notes
Are there openings between ladder structures that allow complete passage of the wedge block? <u>Yes</u> If Yes, does the 9 in. diameter rigid sphere pass freely through the openings? <u>Yes</u> Width of the ladder measured from the inside of the stiles:	p	a
<u>11-7/8</u> in. (R: >10in.) (a)		
Vertical spacing of ladder steps measured between steps:		
<u>15-1/2</u> in. (R: $\leq$ 12in.; if bed structure are used as ladders, vertical spacing $\leq$ 16in.) (b)		
Vertical spacing of ladder steps measured from the floor to the first step: 12-3/4 in. (R: $\leq$ 12in.; if bed structure are used as ladders, vertical spacing $\leq$ 16in.)		
Are there openings between the ladder step and the upper bunk boundary that allow complete passage of the wedge block? <b>No</b>	Р	
If Yes, does the 9 in. diameter rigid sphere pass freely through the openings? $\underline{\text{Yes/No}}$		
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.	Р	Record: <u>1</u> in.
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.		
ods:		
Is the bed assembled in accordance with the provided instructions? Yes	Р	
and Foundation Size and Fit—Upper Foundation:		
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? <u>Yes</u>	Р	If F, attach photo and locate the failure gap(s):
If <b>Yes</b> , does the wedge block pass through the gap(s) as per section 4.3 ? $\underline{\text{No}}$		
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 component is between 1.88 in. (48 mm) and 9 in. (229 mm)? <b>No</b>		
Foundation Support System	Р	
Does the foundation support system remain in place for a minimum of 5 min as per section 4.5.4? $\underline{\text{Yes}}$		
	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:  11-7/8 in. (R: ≥10in.) (a)  Vertical spacing of ladder steps measured between steps:  15-1/2 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:  12-3/4 in. (R: ≤12in.; if bed structure are used as ladders, vertical spacing ≤16in.)  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  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.  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.  ods:  Is the bed assembled in accordance with the provided instructions? Yes  and Foundation Size and Fit—Upper Foundation:  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  If Yes, does the wedge block pass through the gap(s) as per section 4.3 ? No  Mattress Size and Fit—Lower Foundation  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)? No	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:

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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? <b>Yes</b>				
5.7 Bed End	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 <b>Yes</b>	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 Lower	Bunk Boundaries:	l			
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.	Р			
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.	Р			
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? Yes  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	Р			
	If <b>Yes</b> , 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? * <b>Yes/ No/ NA</b>				
5.8 Metal Be	5.8 Metal Beds- Frame and Fastenings:				
5.8.1- 5.8.1.1	Number of cycle/ Number of loads per minute:(R: ≤24 loads per minute)	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? <u>Yes</u>				

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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? <u>Yes</u>		
5.9	Are cross-members utilized? <u>Yes</u>	Р	
	If <b>Yes</b> , Number of cross-members per bed: Upper bunk bed <b>14/each</b> & Lower bunk bed <b>7</b> (R: ≥2)		
	If <b>More than 2</b> , 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? <b>No</b>		
	If <b>Yes</b> , 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.		
	nency of Labels and Warnings		
5.10.1- 5.10.2	It is a Paper Label Label 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? Yes/ No	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? <b>Yes/ No</b>		
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 a	nd 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): N708P316410 / N708P316411 / N708P316412 (3): 05/2025
6.2	Warnings		

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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.	Clause	Requirement	Rating	Notes
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 371½"-381½" wide on upper bunk.  Ensure thickness of mattress and foundation combined does not exceed" and mattress is at least 5" below upper edge of guardrals.  Use guardralis 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 term 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 jumpropess.  DO NOT REMOVE THIS LABEL  (a)  **AWARNING**  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	6.2.1.1	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	
ment or falls:  Never allow a child under 6 years on upper bunk. Use only mattress which is 74"-75" long and 371/s"-381/s" wide on upper bunk. Ensure thickness of mattress and foundation combined does not exceed "and mattress is at least 5" below upper edge of guardralls. Use guardralls 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)  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 Stendard Length 74"-75" 371/s"-381/s" Extra Long 79"-60" 371/s"-381/s" Extra Long 79"-60" and 731/s"-381/s" Extra Long 79"-60" and mattress is at least 5" below upper dege of quardralis. Use guardralis on both sides of upper bunk. Prohibit horseplay on runder bed(s). Prohibit nore than one person on upper bunk. STRANGULATION HAZARD — Never attach or hang tems 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		
Carrell Company Comp		ment or falls:  Never allow a child under 6 years on upper bunk.  Use only mattress which is 74"–75" long and 37"/2"–38"/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		
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 ½ 2"-38½" Extra Long 79"-80" 37 ½ 2"-38½" Extra Long 79"-80" 37 ½ 2"-38½"  Ensure thickness of mattress and foundation combined does not exceed " and mattress is at least 5" below upper edge of guardralls.  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				
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" 37*1/2"-38*1/2"  Insure thickness of mattress and foundation combined does not exceed and mattress is at least 5" below upper edge of quardrails. Use guardrails on both sides of upper bunk. Prohibit more than one person on upper bunk. 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		DO NOT REMOVE THIS LABEL		
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 and foundation combined does not exceed " and mattress is at least 5" below upper edge of guardralls.  • Use guardralls on both sides of upper bunk.  • Prohibit more than one person on upper bunk.  • Prohibit more than one person on upper bunk.  • Use ladder for entering and leaving upper bunk.  • TRANGULATION 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)		
ment 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 guardralls.  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>△</b> WARNING		
bined does not exceed " and mattress is at least 5" below upper edge of guardralls.  • 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		ment 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"		
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		bined 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.		
		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.		
		(b)		

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Clause	Requirement	Rating	Notes
6.2.1.2	If the foundation is an integral part of the bed structure, the warning label shown in either Fig. 10(c) or Fig. 10(d) 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	
	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)  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.  DO NOT REMOVE THIS LABEL		

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Clause	Requirement	Rating	Notes
6.2.2	The height of the letters of the word "WARNING":0.25 in. (R: >0.1875 in. (4.8 mm) and uppercase boldface type.)	Р	
	The height of the letters of the word "DO NOT REMOVE THIS LABEL":  _0.16in. (R: >0.125 in. (3.175mm) and uppercase boldface type.)		
	The height of the words "To help prevent":in. (R: >0.125 in. (3.175mm) and boldface type.)		
	The height of the remainder of the text in warning statement:in. (R: >0.125 in.(3.175mm))		
	The label contains sizes appropriate to that mattress as defined in the ISPA Voluntary Dimensional Guideline for Bedding Products and Components. <u>Yes</u>		
	The label is attached to the inside of a bed end structure of the upper bunk. <u>Yes</u>		
	The label is not covered by the bedding. Yes (Exception: it may be covered by the placement of a pillow.)		
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? <b>Yes</b>	Р	
	The height of the letters: <b>0.19</b> in. (R: >0.1875 in.(4.8mm))		
6.3	Do the permanent labels (section 6.1) meet the requirement of section 5.10? <u>Yes</u>	р	
	Do warning labels (section 6.2.1) applied to the bed meet the requirement of section 5.10? <b>Yes</b>		
7 Instruction	nal Literature		
7.1	Is the instruction provided with the bed? Yes	Р	
7.2	Are all parts necessary to assemble the bunk bed set listed?  Yes	Р	
	Are the tools necessary for the bunk bed assembly listed as well? Yes		
7.3	Does the assembly instruction containing <b>detail diagram</b> showing exactly how the bed should be assembled? Yes	Р	
	It contains the specific instructions pertaining to the following:  7.3.1 Bed end structures <u>Yes</u>		
	7.3.2 Attachment of side rails <u>Yes</u>		
	7.3.3 Installation of the mattress/ <u>Yes</u> foundation support system		
	7.3.4 Fit of upper bunk to lower bunk Yes		
	7.3.5 Attachment of guardrail <u>Yes</u>		
	7.3.6 Attachment of ladder <u>Yes</u>		

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Clause	se Requirement		Notes	
7.4	Is the size of the intended mattress clearly stated? Yes	Р		
	*Conventional Bedding term: Full / Full			
	*Dimensions for finished mattress:  Upper bed: 74" - 75" (length) x 53-1/2" (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? <b>Yes</b>			
7.5	Is replacement parts information present? <u>Yes</u>	Р		
7.6	Does the instruction contain the <b>Safety Warnings</b> as per section 7.6.1-7.6.13? <u>Yes</u>	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	<b>STRANGULATION HAZARD</b> —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	

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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.	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	
	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	

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Clause	Requirement	Rating	Notes
	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.	Р	
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)	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		
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:	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.	Р	
	This applies only to bunk beds without two full-length guardrails.		

NOTE:

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#### 5. 16 CFR Part 1513-Requirements For Bunk Beds

Clause	Requirement	Rating	Notes
1513.3 Req	uirements.		
(a) Guardra	nils.		
(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		

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Clause		Requirement	Rating	Notes
(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	
(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	
		<sup>△</sup> WARNING		
	Never allow	rious or fatal injuries from entrapment or falls: a child under 6 years on upper bunk		
	wide on upper     Ensure thickled does not exceed the second texts.	nattress that is inches long and inches er bunk  ness of mattress and foundation combined eed inches and that mattress surface is at s below upper edge of guardrails		
		DO NOT REMOVE THIS LABEL		
1513.6 Inst	1513.6 Instructions 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.		Р	
(b)	Safety warnings. warnings:	The instructions shall provide the following safety		
(1)	Do not allow childr	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)	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:

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#### 6. Sharp Point, Sharp Edges

TEST METHOD	TEST REQUIREMENT	RESULT	
Hazardous sharp edges	There shall be no hazardous sharp edges as defined by 16	DACC	
(16 CFR 1500.49)	CFR 1500.49 before or after testing to this specification	PASS	
Hazardous sharp point	There shall be no hazardous sharp points as defined by 16	DACC	
(16 CFR 1500.48)	CFR 1500.48 before or after testing to this specification	PASS	



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#### **EXHIBIT(S)**:





Exhibit. 3





Exhibit. 5



Exhibit. 6



Eurofins MTS Consumer Product Testing Vietnam Ltd.

Lot II-12, Street 19/5A, Tan Binh Industrial Park, Tay Thanh Ward, Tan Phu District, HCM City, Vietnam
Tel: (+84) 862896363 Fax: (+84) 862896262 Email: <a href="mailto:vncs@cpt.eurofinsasia.com">vncs@cpt.eurofinsasia.com</a> Website: www.mts-global.com



LAB LOCATION:

REPORT NUMBER:

# Softlines & Hardlines

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#### Exhibit. 7

Compliance Information - Not Retailer
GIGACLOUD TECHNOLOGY(USA) INC.
4388 SHIRLEY AVENUE EL MONTE,
CA 91731

Made in Binh Duơng, Vietnam

05/2025

#### V817YMX20250429LE

N708P316410/N708P316411/N708P316412

Compliance Level: California 93120 Phase 2 and

40 CFR 770 TSCA Title VI Compliant

for Formaldehyde

#### Exhibit. 8

Informations de conformité – Pas le détaillant GIGACLOUD TECHNOLOGY(USA) INC.

4388 SHIRLEY AVENUE EL MONTE,

CA 91731

Fabriqué à Binh Dương, Vietnam

05/2025

#### V817YMX20250429LE

N708P316410/N708P316411/N708P316412

Niveau de conformité : Californie 93120 Phase 2 et

Conforme à la norme 40 CFR 770 TSCA Titre VI

formaldéhyde

#### Exhibit. 9

#### **!** WARNING 63mm

TO HELP PREVENT SERIOUS OR FATAL INJURIER FROM ENTRAPMENT OR FALLS:

- Never allow a child under 6 years on upper bunk.
- Use only mattress(es) meeting the following specifications on the upper bunk:

 Bed Type
 Length
 Width

 Twin Standard
 74" - 75"
 381/2"

 Full Standard
 74" - 75"
 531/2"

#### Exhibit. 10

- Ensure thickness of mattress does not exceed 6" 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 example, but not limited to hooks, belts and jump ropes.

4.1mm DO NOT REMOVE THIS LABEL

Exhibit, 12

#### Exhibit. 11

## MISE EN GARDE 19 mm 4.8 mm

POUR AIDER À ÉVITER LES BLESSURES GRAVES OU FATALES DU FAIT DE RESTER

COINCÉ OU SUITE À UNE CHUTE:

Ne jamais laisser un enfant de moins de 6 ans sur le lit superpose supéieur
Utilisez uniquement un(s) matelas répondant aux spécifications suivantes
sur le lit superposé supérieur

4.8 mm

4.8 mm

ur le lit superposé supérieur 4.8 mm RISQUE

<u>Type de lit Longueur Largeur</u> Lit sup

Simple Standard 74po - 75po 38 1/2 po Par exe

Double Standard 74po - 75po 53 1/2 po

mm S'assurer que l'épajsseur du matelas n'excede pas 15.2 cm (6po) et que la matelas se trouve au moins à 12.7cm (5po) sous le bord supérieur des barrières de sécurité

TER Utilisez les brrieres sur les deux côtés du lit supérieur Interdire les jeux brutaux sur ou sous le(s) lit(s). Interdire l'accès au lit supérieur à plus d'une personne.

Utilisez l'échelle pour monter ou descendre du lit supérieur.

[RISQUE D'ÉTRANGLEMENT - Ne jamais attacher ou suspendre d'articles à une partie du
Lit superposé lorsque ceux-ci ne sont pas consçus pour être utilisés avec le lit;

Par exemple, mais ne se limitant pas à, des crochets, des ceintures et des cordes à sauter
4.8 malle PAS RETIRER CETTE ÉTIQUETTE

#### Exhibit, 13





Exhibit, 14

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LAB LOCATION:

### Softlines & **Hardlines**

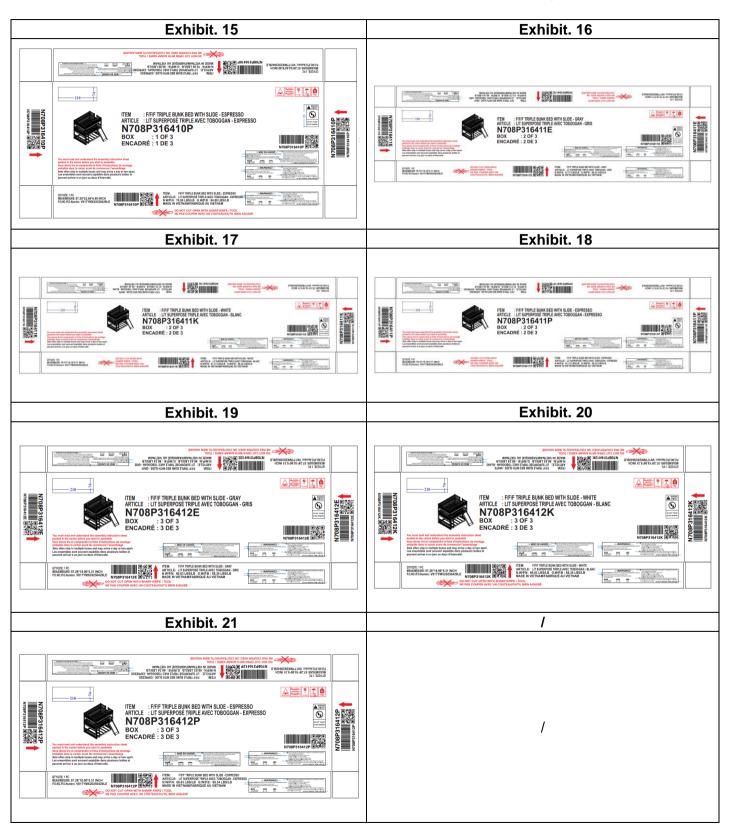
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#### **NOTE:**

If there is question or concern regarding the above results, please contact the appropriate lab person below:

**Technical questions:** 

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