

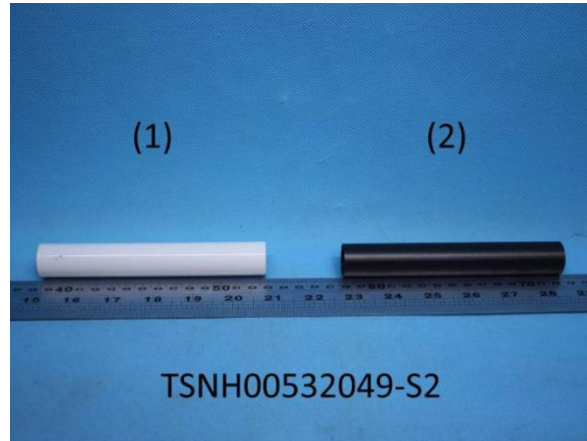
## Test Report

NUMBER : TSNH00532049-S2

Applicant : TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD  
Room 228, No. 25, East Side of Yangcui Road, Dajianchang  
Town, Wuqing District, Tianjin China  
Attn :kelly

Date : Jun 12,2025  
This is to superseded report  
TSNH00532049 dated Apr  
08,2025.

Photo



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To be continued

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.

David Zhang  
Asst.General Manager



## Test Report

NUMBER : TSNH00532049-S2

### Sample Description:

One (1) submitted sample said to be

Item Name

: Twin loft bed;

SKU No.

: W1671S00004/HK-LF-TB-001

W1671S00005/HK-LF-TW-001

Material

: metal & wood

Supplier

: TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD

Manufacturer

: Bazhou Hongkunmeisi Furniture Co.,Ltd

Country of Origin

: china

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### Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

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To be continued

Authorized By :

For Intertek Testing Services

(Tianjin) Ltd.



David Zhang

Asst.General Manager



## Test Report

NUMBER : TSNH00532049-S2

**Conclusion:**

<u>Tested sample/component</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ASTM F1427-21 <sup>ε1</sup> - Standard Consumer Safety Specification for Bunk Beds	Pass
Submitted sample	16 CFR 1513 requirements for bunk beds	Pass
Submitted sample	16 CFR 1213 safety standard for entrapment hazards in bunk beds	Pass
Submitted Sample	Consumer Product Safety Act Section 14(a) (5), 15 U.S.C. §2063(a)(5) (CPSA) and Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical and Physical Tests	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass
(1),(2)	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
(1),(2)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
(3),(4),(5),(6)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and its amendment for total Lead content in non-surface coating materials (substrate)	Pass
(3),(4),(5),(6)	15 U.S.C. Sec. 1278a - Total Lead Content	Pass
(2),(3)	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	See Comment

**Comment:**

The testing scope of the standard was not applicable to the submitted samples. However, the test results of tested components (2) & (3) did not exceed the limits of the standard.

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To be continued

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.



David Zhang  
Asst.General Manager



## Test Report

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### 1. BUNK BEDS

With reference to ASTM F1427-21<sup>e1</sup>: standard consumer safety specification for bunk beds, the submitted sample was subjected to the following test:

Number of Sample Tested: one (1) Piece

Initial inspection: No any damage was found.

#### Executive summary:

Clause	Testing items	Assessment
4	Performance requirements	
4.1	Vertical protrusions	P
4.2	Fit of top bed to bottom bed	P
4.3	Mattress and foundation size and fit (top bed)	P
4.4	Mattress size and fit (lower foundation)	P
4.5	Upper and lower foundation support systems	P
4.6	Side Rails	
4.6.1	Bolt-on side rails	P
4.6.2	Hook-on side rails	NA
4.6.3	Side rail attachments	P
4.7	Guardrails	P
4.8	Bed structure	P
4.9	Ladders	P
4.10	Metal beds: frame and fastenings	P
5	Test methods	
6	Marking and labeling	P (SEE REMARK)
7	Instructional literature	P (SEE REMARK)

Abbreviation : P = Pass; NA = Not applicable

#### Remark:

Only artwork was provided for evaluation.

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To be continued

## Test Report

NUMBER : TSNH00532049-S2

### 2. BUNK BEDS

With reference to 16 CFR 1513 requirements for bunk beds, The submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found

#### Executive summary:

Clause	Test items	Verdict
§1513.1	Scope, application, and effective date.	-
§1513.2	Definitions.	-
§1513.3	Requirements.	-
(a)	Guardrails.	P
(b)	Bed end structures.	P
§1513.5	Marking and labeling.	P (SEE REMARK)
§1513.6	Instructions	P (SEE REMARK)

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested

#### Remark:

Only artwork was provided for evaluation.

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To be continued

## Test Report

NUMBER : TSNH00532049-S2

### 3. BUNK BEDS

With reference to 16 CFR 1213 safety standard for entrapment hazards in bunk beds, The submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found

#### Executive summary:

Clause	Test items	Verdict
§1213.1	Scope, application, and effective date.	-
§1213.2	Definitions.	-
§1213.3	Requirements.	-
(a)	Guardrails.	P
(b)	Bed end structures.	P
§1213.5	Marking and labeling.	P (SEE REMARK)
§1213.6	Instructions	P (SEE REMARK)

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested

#### Remark:

Only artwork was provided for evaluation.

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To be continued



## Test Report

NUMBER : TSNH00532049-S2

### 4. Tracking Label Assessment

As per Consumer Product Safety Act Section 14(a) (5), 15 U.S.C. §2063(a)(5) (CPSA) and Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products.

Tracking Label Found on the Packaging:

Name of manufacturer / importer / private labeler:	TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD
Location of production:	Room 228, No.25, East Side of Yangcui Road, Dajianchang Town, Wuqing District, Tianjin China 301700 Made in Hebei, China
Date code:	02/2025
Cohort information:	W1671-20241214-001

Tracking label found on the product:

Name of manufacturer / importer / private labeler:	TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD
Location of production:	Room 228, No.25, East Side of Yangcui Road, Dajianchang Town, Wuqing District, Tianjin China 301700 Made in Hebei, China
Date code:	02/2025
Cohort information:	W1671-20241214-001

**Note:** The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

**Remark:**  
Only artwork was provided for evaluation.

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To be continued

## Test Report

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### 5. Physical and mechanical test

As per U.S. Code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Appropriate age group for testing : 3+

	No. Of Sample <u>Tested</u>	Sharp <u>Point</u> (1500.48)	Sharp <u>Edge</u> (1500.49)	Small <u>Part</u> (1501)
As Received	1	P	P	NA
Impact (1500.53 (b))	1	P	P	NA
Torque (1500.53 (e))	1	P	P	NA
Tension (1500.53 (f))	1	P	P	NA
Compression (1500.53 (g))	1	P	P	NA

Remark : P = Pass  
F = Fail  
NA = Not Applicable

### 6. Flammability Test

Test requirement: U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

Result: Did not ignite

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To be continued



## Test Report

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### 7. Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)	<20	90
(2)	<20	90

The limit was quoted according to U.S. Code of Federal Regulations title 16 part 1303 and U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million based on dry weight of sample = mg/kg  
< = Less Than

#### Tested Components:

- (1) White coating on frame for sample use
- (2) Black coating on frame for sample use

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To be continued

## Test Report

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### 8. Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(3)	<10	100
(4)	31	100
(5)	33	100
(6)	33	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg  
<=less than

#### Tested Components:

- (3) White plastic cap for sample use
- (4) Silver color metal screw for sample use
- (5) Silver color metal gasket for sample use
- (6) Silver color metal substrate of frame for sample use

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To be continued



## Test Report

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### 9. Phthalate Content

According to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>		<u>Limit (%) (Max.)</u>
	(2)	(3)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected

Detection Limit = 0.01%

Tested Component(s):

(2) Black coating on frame for sample use

(3) White plastic cap for sample use

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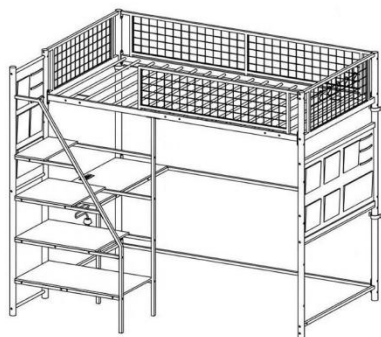
To be continued



## Test Report

NUMBER : TSNH00532049-S2

W1671S00004/W1671S00005  
Twin loft bed



### SAFETY WARNINGS AND GENERAL NOTES:

1. Follow the information on the warnings on the bunk bed end structure and on the carton. Do not remove the warning label from the bed.
  2. Always use the recommended size mattress on mattress support, or both, to help prevent the likelihood of entrapment or falls.
  3. Do not allow children under 6 years of age to use the upper bunk.
  4. Periodically check and ensure the guardrail, ladder and other components are in their proper position, free from damage, and all connectors are tight.
  5. Do not allow horseplay on or under beds.
  6. Always prohibit jumping on the bed.
  7. Prohibit more than one person on upper bunk.
  8. Always use the ladder for entering and leaving the upper bunk.
  9. Do not use substitute parts. Contact the manufacturer or dealer for replacement parts.
  10. Use of a night-tight may provide added safety precaution for a child using the upper bunk.
  11. Always use guardrails on both long sides of the upper bunk.
  12. 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.  
The use of water or sleep flotation mattresses is prohibited.
  13. **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.
  14. Keep these instructions for future reference.
  15. We recommend assembling your bunk bed on the shipping carton to protect your floor or carpet.
  16. Be certain all staples are out of the box before beginning assembly on the shipping carton.
  17. USE ONLY MATTRESSES WHICH ARE AS THE TABLE BELOW ON UPPER AND ON LOWER BUNKS.
- | The lowest bed (The first layer) |         |        |           |
|----------------------------------|---------|--------|-----------|
| Mattress type                    | Length  | Width  | Thickness |
| Twin Standard                    | 75"-76" | 38-39" | 8"        |
- | Up bed (The second layer and the third layer) |         |        |           |
|---|---------|--------|-----------|
| Mattress type                                 | Length  | Width  | Thickness |
| Twin Standard                                 | 75"-76" | 38-39" | 6" max    |
18. SURFACE OF MATTRESS MUST BE AT LEAST 5"(127MM) BELOW THE UPPER EDGE OF GUARDRAILS.
19. Replacement Parts:  
Replacement Parts, including additional guardrails, may be obtained from any of our (TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD) dealers.

### Instructions

Compliance Information-Not Retailer  
TIANJIN HOMAXLIFE IMP. AND EXP. CO.,LTD  
Room 228, No. 25, East Side of Yangcui Road, Dajianchang  
Town, Wuqing District, Tianjin China 301700  
Made in Hebei, China  
02/2025  
P.O.NO:W1671-20241106-001  
W1671-20241214-001

### Tracking label

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To be continued



## Test Report

NUMBER : TSNH00532049-S2



**WARNING** } 4.8MM

**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 75"-76" long and 38"-39" wide on upper bunk. } 3.2MM
- Ensure thickness of mattress and foundation combined does not exceed 6" and that mattress surface 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 jump ropes.

**DO NOT REMOVE THIS LABEL** } 4.8MM

Warning label

Date Sample Received : Jan 20,2025

Testing Period : Jan 20,2025 to Mar 11,2025, May 30, 2025 to Jun 12, 2025

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Re : report revision notification

Report number TSNH00532049-S1 dated Apr 08,2025.

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised report, number TSNH00532049-S2, issued on Jun 12, 2025.

Thank you for your attention.

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End of report

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