

Test Report

NUMBER : TSNH00523357

Applicant : Zhongshan Besway Technology Co., Ltd
1st floor, No. 5 Xiaolan Industrial Avenue, Xiaolan East Second
Community, Zhongshan City
Attn :Sun

Date : Jan 16, 2025

Photo



To be continued

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

David Zhang
Asst.General Manager



Test Report

NUMBER : TSNH00523357

Sample Description:

One (1) submitted sample said to be

Item Name : Metal Loft Bed
Item No. : SW09013AAH-1 / SW09013AAH-2 / SW09013AAK-1 / SW09013AAK-2 / SW09013AAB-1 / SW09013AAB-2
Age grading : Over 6 years old
Manufacturer : Zhongshan Besway Technology Co., LTD
Country of Destination : USA
Country of Origin : CHINA

Tests Conducted:

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

To be continued

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



David Zhang
Asst. General Manager



Test Report

NUMBER : TSNH00523357

Conclusion:

<u>Tested sample/component</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ASTM F1427-21 ^{e1} - 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),(3),(4),(5),(6)	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
(1),(2),(3),(4),(5),(6)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
(7),(8),(9),(10),(11),(12),(13), (14),(15),(16),(17),(18),(19),(20)	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
(7),(8),(9),(10),(11),(12),(13), (14),(15),(16),(17),(18),(19),(20)	15 U.S.C. Sec. 1278a - Total Lead Content	Pass

To be continued

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



David Zhang
Asst. General Manager



Test Report

NUMBER : TSNH00523357

1. BUNK BEDS

With reference to ASTM F1427-21⁶¹: 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	NA
4.3	Mattress and foundation size and fit (top bed)	P
4.4	Mattress size and fit (lower foundation)	NA
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.

To be continued



Test Report

NUMBER : TSNH00523357

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.

To be continued

Test Report

NUMBER : TSNH00523357

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.

To be continued

Test Report

NUMBER : TSNH00523357

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:	Zhongshan Besway Technology Co., Ltd
Location of production:	1st floor, No. 5 Xiaolan Industrial Avenue, Xiaolan East Second Community Zhongshan City 528400 Made in Hebei, China
Date code:	10/2024
Cohort information:	SW09013AAH-1 /SW09013AAH-2 SW09013AAB-1 /SW09013AAB-2 SW09013AAK-1 /SW09013AAK-2

Tracking label found on the product:

Name of manufacturer / importer / private labeler:	Zhongshan Besway Technology Co., Ltd
Location of production:	1st floor, No. 5 Xiaolan Industrial Avenue, Xiaolan East Second Community Zhongshan City 528400 Made in Hebei, China
Date code:	10/2024
Cohort information:	SW09013AAH-1 /SW09013AAH-2 SW09013AAB-1 /SW09013AAB-2 SW09013AAK-1 /SW09013AAK-2

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.

To be continued

Test Report

NUMBER : TSNH00523357

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

To be continued

Test Report

NUMBER : TSNH00523357

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
(3)	<20	90
(4)	27	90
(5)	<20	90
(6)	28	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) Pink coating on frame for sample use
- (2) Pink coating on wood board for sample use
- (3) Black coating on wood board for sample use
- (4) Black coating on frame for sample use
- (5) White coating on wood board for sample use
- (6) White coating on frame for sample use

To be continued

Test Report

NUMBER : TSNH00523357

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>
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	<10	100
(13)	32	100
(14)	31	100
(15)	31	100
(16)	32	100
(17)	22	100
(18)	35	100
(19)	<10	100
(20)		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

Tested Components:

- (7) Pink plastic cap for sample use
- (8) Black plastic cap for sample use
- (9) White plastic cap for sample use
- (10) Black plastic socket for sample use
- (11) White plastic in USB for sample use
- (12) Black soft plastic wire skin for sample use
- (13) Black soft plastic plug for sample use
- (14) Big black metal screw for sample use
- (15) Small black metal screw for sample use
- (16) Silver color metal substrate of frame for sample use
- (17) Silver color metal screw under wood board for sample use
- (18) Silver color metal plug for sample use
- (19) Silver color metal in USB for sample use
- (20) Wood board substrate for sample use

To be continued

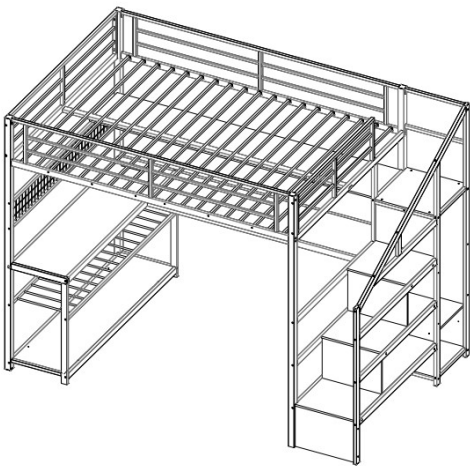


Test Report

NUMBER : TSNH00523357

SKU:SW09013AAH-1

**FULL SIZE LOFT BED
ASSEMBLY INSTRUCTIONS**



Page 1

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-light 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.
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.**

Up bed (bunk bed and trilled included)			
Mattress size	Length	Width	Thickness
Full Standard	74"-75"	53"-54"	6"

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 (Zhongshan Besway Technology Co., Ltd) dealers.

Page 2

Instructions

Compliance Information-Not Retailer
 Zhongshan Besway Technology Co., Ltd
 1st floor, No. 5 Xiaolan Industrial Avenue, Xiaolan East Second
 Community Zhongshan City 528400
 Made in Hebei, China
 10/2024
 P.O.NO:MTBSW20241016MY
 SW09013AAH-1 /SW09013AAH-2
 SW09013AAB-1 /SW09013AAB-2
 SW09013AAK-1 /SW09013AAK-2
 Compliance Level:California 93120 phase 2 and 40 CFR 770 TSCA
 Title VI Compliant for Formaldehyde

Tracking Label

To be continued



Test Report

NUMBER : TSNH00523357



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 74"-75" long and 53"-54" 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 : Nov 21,2024

Testing Period : Nov 21,2024 to Dec 25,2024

End of report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

