

Test Report

Number: SZHH01938438S1

Applicant: HUIZHOU YIJIA FURNITURE MANUFACTURING CO.,LTD
A3-A4 XIAOLING GROUP AND SINGLE FACTORY,
SHIWE VILLAGE,SANHE ECONOMIC DEVELOPMENT
ZONE , HUIYANG HUIZHOU CITY GUANGDONG
PROVINCE ,CHINA
Attn: ROCY

Date: Jul 29, 2024

*This is to supersede Report No.
SZHH01938438 dated Jun 17,
2024*

Sample Description:

One (1) piece of submitted sample said to be :

Item Name : **Sofa**
Item No. : **W1193**
Reference No. : W834
P. O. No. : 001
Manufacturer : Huizhou YIJIA Furniture Manufacturing Co., Ltd
Country of Origin : China
Country of Destination : USA
Date Sample Received : Jun 05, 2024
Testing Period : Jun 05, 2024 ~ Jun 17, 2024

Tests conducted:

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

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted samples	Illinois Lead Poisoning Prevention Act 410 ILCS 45 on total Lead content requirement	Pass
	U.S. CFR Title 16 Part 1303 total Lead content	Pass
Submitted Sample	Flammability labeling per §1640.4 of 16 CFR Part 1640 Standard for the Flammability of Upholstered Furniture	Not Requested
Submitted Sample	Flammability test per §1640.5 of 16 CFR Part 1640 Standard for the Flammability of Upholstered Furniture and California TB 117-2013 Section 1: Cover Fabric Test	Pass
Submitted Sample	Flammability test per §1640.5 of 16 CFR Part 1640 Standard for the Flammability of Upholstered Furniture and California TB 117-2013 Section 2: Barrier Materials Test	Not Applicable



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Conclusion:

Tested Sample
Submitted Sample

Standard
Flammability test per §1640.5 of 16 CFR Part 1640
Standard for the Flammability of Upholstered Furniture
and California TB 117-2013 Section 3: Resilient Filling
Material Test

Result
Pass and see
remark

Submitted Sample

Flammability test per §1640.5 of 16 CFR Part 1640
Standard for the Flammability of Upholstered Furniture
and California TB 117-2013 Section 4: Decking
Material Test

Not Applicable

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
General Manager



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Tests Conducted

1 Total Lead (Pb) Content (U.S. Illinois Lead Poisoning Prevention Act 410 ILCS 45)

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45, with reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1 and followed by Inductively Coupled Argon Plasma Spectrometry and/or Atomic Absorption Spectrometry.

(I) Surface coating

Element	Result (ppm) θ	Detection Limit (ppm)	Limit (ppm)
	Tested Component		
	(1),(2+3+4)		
Lead (Pb)	ND	10	600

(II) Non-Surface Coating (Substrate)

Element	Result (ppm) θ	Detection Limit (ppm)	Limit (ppm)
	Tested Component		
	(8+9)		
Lead (Pb)	36	10	600

Element	Result (ppm) θ	Detection Limit (ppm)	Limit (ppm)
	Tested Component		
	(5+6+7),(10+11+12), (13+14+15),(16+17+18),(19+20)		
Lead (Pb)	ND	10	600

ND = Not detected (less than detection limit)
ppm = parts per million = mg/kg
 θ = Single result for each test component/group

Tested component(s): See component list in the last section of this report

2 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Element	Result (%) θ	Reporting Limit (%)	Limit (%)
	Tested Component		
	(1),(2+3+4)		
Lead (Pb)	ND	0.001	0.009

The above limit was quoted according to U.S. CFR Title 16 Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

ND = Not detected (less than reporting limit)
 θ = Single result for each test component/group

Tested Components: See component list in the last section of this report



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3 Flammability of Upholstered Furniture

As per §1640.4 certification and labeling & 1640.5 testing requirements of 16 CFR Part 1640 Standard for the Flammability of Upholstered Furniture, test method as set forth by California TB117-2013.

Evaluation	Citation/Method	Criteria	Result
Labeling			
Flammability labeling of upholstered furniture	§1640.4 certification and labeling of 16 CFR 1640	Upholstered furniture must have a permanent label that states "Complies with U.S. CPSC requirements for upholstered furniture flammability".	Not Requested
Flammability			
Flammability test of upholstered furniture	§1640.5 testing requirements of 16 CFR 1640 and California Technical Bulletin 117-2013 Section 1: Cover Fabric Test	<p>A cover fabric material is considered to pass or fail based on following criteria:</p> <ol style="list-style-type: none"> 1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs: <ol style="list-style-type: none"> a) The mock-up test specimen continues to smolder after the 45 minutes test duration. b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08a) of more than 1.8 inches (45 mm) develops on the cover fabric. c) The mock-up test specimen transitions to open flaming. 2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering. 3. If more than one initial specimen fails, the cover fabric fails the test. 4. If any one of the three initial specimens fails, repeat the test on additional three specimens. 5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test. 	Pass (see test result)
	§1640.5 testing requirements of 16 CFR 1640 and California Technical Bulletin 117-2013 Section 2: Barrier Materials Test	<p>A barrier material is considered to pass or fail based on following criteria:</p> <ol style="list-style-type: none"> 1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs: <ol style="list-style-type: none"> a) The mock-up test specimen continues to smolder after the 45 minutes test duration. b) A vertical char length (measured as specified in step 21.9 of ASTM E1353-08a) of more than 2.0 inches (51 mm) develops on the cover fabric. 	Not Applicable



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	<p>c) The mock-up test specimen transitions to open flaming.</p> <p>2. The barrier material passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.</p> <p>3. If more than one initial specimen fails, the barrier material fails the test.</p> <p>4. If any one of the three initial specimens fails, repeat the test on additional three specimens.</p> <p>5. If all three additional specimens pass the test, the barrier material passes the test. If any one of the additional three specimens fails, the barrier material sample fails the test.</p>	
<p>§1640.5 testing requirements of 16 CFR 1640 and California Technical Bulletin 117-2013 Section 3: Resilient Filling Material Test</p>	<p>A Resilient material is considered to pass or fail based on following criteria:</p> <p>1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:</p> <p>a) The mock-up test specimen continues to smolder after the 45 minutes test duration;</p> <p>b) A vertical char length (measured as described in step 17.9 of ASTM E1353-08a) of more than 1.5 inches (38 mm) develops on the cover fabric.</p> <p>c) The mock-up test specimen transitions to open flaming.</p> <p>2. The resilient filling material passes the test if three mock-up specimens pass the test.</p> <p>3. If more than one specimen fails, the resilient filling material fails the test.</p> <p>4. If any one of the three initial specimens fails, repeat the test on additional three specimens.</p> <p>5. If all three additional specimens pass the test, the resilient filling material passes the test. If any one of the additional three specimens fails, the resilient filling material fails the test.</p>	<p>Pass</p> <p>(see test result)</p> <p>(see remark)</p>
<p>§1640.5 testing requirements of 16 CFR 1640 and California Technical Bulletin 117-2013 Section 4: Decking Material Test</p>	<p>A decking fabric material is considered to pass or fail based on following criteria:</p> <p>1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:</p> <p>a) The mock-up test specimen continues to smolder after the 45 minutes test duration.</p> <p>b) A char length (measured as specified in step 19.6 of ASTM E1353-08a) of more than 1.5 inches (38 mm) develops.</p> <p>c) The mock-up test specimen transitions to open flaming.</p>	<p>Not Applicable</p>



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		<p>2. The decking material passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.</p> <p>3. If more than one initial specimen fails, the decking material fails the test.</p> <p>4. If any one of the three initial specimens fails, repeat the test on additional three specimens.</p> <p>5. If all three additional specimens pass the test, the decking material passes the test. If any one of the additional three specimens fails, the decking material fails the test.</p>	
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Test Result

- California TB 117-2013 Section 1: Cover Fabric Test.

Initial Test				
Grey velour (cover)	Vertical Char length (Inches)	Mock-up specimen continues to smolder After 45 Minutes	Mock-up test specimen transitions to open flaming	Test Result
Specimen 1	0.6	No	No	Pass
Specimen 2	0.7	No	No	Pass
Specimen 3	0.6	No	No	Pass

■ California TB 117-2013 Section 3: Resilient Filling Material Test.

Initial Test				
Blue foam (filling)	Vertical Char length (Inches)	Mock-up specimen continues to smolder After 45 Minutes	Mock-up test specimen transitions to open flaming	Test Result
Specimen 1	0.6	No	No	Pass
Specimen 2	0.7	No	No	Pass
Specimen 3	0.6	No	No	Pass

Conditioning: At least 24 hours in an atmosphere having a temperature of $21^{\circ} \pm 3^{\circ} \text{C}$ ($70^{\circ} \pm 5^{\circ} \text{F}$) and less than 55% relative humidity.

No = Was not observed

Remark: As requested by the applicant, only the selected component which listed in this report was subjected to the test. Other components not mentioned were not tested.



Test Report

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Tests Conducted

Component list:

- (1) Black coating on metal (zipper head & puller).
- (2) Black coating on metal (caster, bracket, staple, fastener of backrest).
- (3) Bright black coating on metal (hinge).
- (4) Black coating on woven (sewn-in label).
- (5) Black plastic (zipper teeth).
- (6) Black Velcro (hook).
- (7) Black plastic (tire of caster).
- (8) White plastic (wheel of caster).
- (9) Black plastic (feet).
- (10) Silver color metal excluding coating (zipper head & puller).
- (11) Silver color metal excluding coating (fastener of backrest).
- (12) Silver color metal excluding coating (staple).
- (13) Silver color metal excluding coating (hinge).
- (14) Gold color plated metal (flat screw).
- (15) Silver color metal excluding coating (fork of caster).
- (16) Silver color metal (rivet of caster).
- (17) Gold color plated metal (bolt).
- (18) Silver color metal excluding coating (bracket).
- (19) Black treated metal (rivet of bracket).
- (20) Gold color plated metal (tool).

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019-(Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results. Full details of our agreed decision rules and the associated risk can be viewed: <https://www.intertek.com.cn/diypage/upload/SZ-AP15-HLS-QA.pdf>.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. 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 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. This report shall not be reproduced unless with prior written approval from Intertek.



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To: HUIZHOU YIJIA FURNITURE
MANUFACTURING CO.,LTD

Attention: ROCY

Date: Jul 29, 2024

Re : Report Revision Notification

Intertek Testing Services Report Number SZHH01938438 Dated Jun 17, 2024

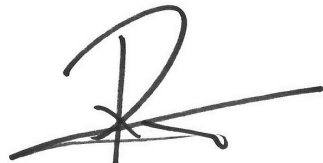
Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number, SZHH01938438S1 Dated Jul 29, 2024

Below are revision details:

Report Number	SZHH01938438	SZHH01938438S1
Revise remark	Nil	Add test

Thank you for your attention.

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
General Manager

