

Prepared for:

FOSHAN PENGWANDE NEW MATERIAL CO., LTD

Shop 27, Block 26, Ao yuan junhu tianxia Garden, Luocun street, Shishan town, Nanhai district, Foshan city, Guangdong province

> **Product Name:** Multifunctional storage

JX-005-WHITE, JX-005-BLACK **Model Name:**

Trade Mark:

Date of Test: From May 10, 2024 to May 15, 2024

Date of Report:

May 17, 2024

Report Number: HK2405107267-1RR

Prepared by:

Shenzhen HUAK Testing Technology Co., LTD.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

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Applicant: FOSHAN PENGWANDE NEW MATERIAL CO., LTD

Address: Shop 27, Block 26, Ao yuan junhu tianxia Garden, Luocun street, Shishan

town, Nanhai district, Foshan city, Guangdong province

Manufacturer: FOSHAN PENGWANDE NEW MATERIAL CO., LTD

Shop 27, Block 26, Ao yuan junhu tianxia Garden, Luocun street, Shishan

town, Nanhai district, Foshan city, Guangdong province

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Multifunctional storage

Model No.: JX-005-WHITE, JX-005-BLACK

Trade Mark: N/A

Tested Age Grade: 14+ years old

Labeled Age Grading: 14+ years old

Appropriate Age Grade: 14+ years old

Sample Receiving Date: May 10, 2024

Testing Period: From May 10, 2024 to May 15, 2024

Results: Please refer to next page(s).

Signed for and on behalf of HUAK

Approved by:

Lab Manager



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Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community,

Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710



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Summary of Test Results:

ΓEST	REQUEST	CONCLUSION
Α	As specified in title 16, code of federal regulations, chapter II- consumproducts safety commission of U.S.A	er Munktestine
	1. 16CFR 1500.50.51.52.53 Simulating use and abuse of toys	PASS
	2. 16CFR 1501 Small Objects	NA TESTING
	3. 16CFR 1500.48 Sharp point	NA
	4. 16CFR 1500.49 Sharp edge	NA NA
В	ASTM F2057-23 Standard Safety Specification for Clothing Storage Un	nits PASS
C	- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Co Products Bearing Lead- Containing Paint	nsumer PASS
[©] D	 USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Cl products containing Lead; Lead paint rule CPSIA section 101(a)(2)-Lead in accessible substrate materials and 1 	PASS
O HU	 § 1278a Lead in Children's products USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Pr on sale of certain products containing specified phthalates 	
E	- USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Containing Specified Phthalates	Articles PASS
HUF T	- USA 40 CFR PART 770 - FORMALDEHYDE STANDARDS FOR COI WOOD PRODUCTS	MPOSITE PASS
G	- CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 §2063(a)(5) (CPSA))	JSC PASS



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Results:

A. As specified in title 16, code of federal regulations, chapter II- consumer products Safety commission of U.S.A

Applicable Section	Description	Result			
.0	Normal use testing	Pass			
LAK TESTINE - ULA	Abuse testing	AKTESTIN - WAKTES			
1 HO. 1	Impact test	Pass			
16CFR	Bite test	Pass			
1500.50.51.52.53	Flexure test	Pass			
HUAKTES I.	Torque test (53e)	Pass			
), (a)	Tension test (53f)	Pass			
TESTING	Compression test(53g)	Pass			
16CFR 1501	Identifying toys and other articles intended for use by Children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts.				
16CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age.	NA HUANTESTING NA			
16CFR 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.	NA			

--NA= Not Applicable



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B. ASTM F2057-23 Standard Safety Specification for Clothing Storage Units

Applicable Section	Description	Result
HUARTESTING 1. TESTING	Scope 1.1 This safety specification is intended to reduce injuries and deaths of children fr associated with tipover of free-standing clothing storage units, including but not lim chests of drawers, drawer chests, armoires, chifferobes, bureaus, door chests, and which are 27 in. (686 mm) or greater in height, 30 lb (13.6 kg) or greater in mass, and contain 3.2 ft3 (90.6 dm3) or greater of enclosed storage volume. 1.2 This safety specification does not cover shelving units, such as bookcases or furniture, office furniture, dining room furniture, jewelry armoires, underbed drawer storage units, occasional/accent furniture not intended for bedroom use, laundry stunits, or built-in units intended to be permanently attached to the building, nor does it cover "Clothing Storage Chests" as defined in Consumer Safety Specification F2 1.3 This safety specification is intended to cover children up to 72 months. See Note 1. 1.4 The values stated in inch-pound units are to be regarded as standard. The value parentheses are mathematical conversions to SI units that are provided for information and are not considered standard. 1.5 The following safety hazards caveat pertains only to the test procedure portion this safety specification: This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this st establish appropriate safety, health, and environmental practices and determine the of regulatory limitations prior to use. 1.6 This international standard was developed in accordance with internationally reprinciples on standardization established in the Decision on Principles for the Development of the principles on standards, Guides and Recommendations issued by the World Trade Technical Barriers to Trade (TBT) Committee.	om hazards nited to chests d dressers, entertainment torage/sortings 2598. Les given in ation only and ard to be applicability ecognized elopment of
2.	Referenced Documents	
3.	*//3 *//3 *//3 *//3	
KTEDO.	Terminology	W TESTING
4.	Terminology Performance Requirements	MULK TESTING
. a.p.k.	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3.	Pass
4.	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3. During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose.	Pass
4.	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3. During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose. If a failed component prohibits the completion of the test, then the failed component(s) shall be repaired or replaced to the original specifications, or the component replaced and the test repeated with the failed component secured as to not affect the test results but to prevent the component from failing.	-iNG
4. 4.1 4.2	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3. During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose. If a failed component prohibits the completion of the test, then the failed component(s) shall be repaired or replaced to the original specifications, or the component replaced and the test repeated with the failed component secured	Pass
4. 4.1 4.2 4.3	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3. During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose. If a failed component prohibits the completion of the test, then the failed component(s) shall be repaired or replaced to the original specifications, or the component replaced and the test repeated with the failed component secured as to not affect the test results but to prevent the component from failing. An anti-tip device shall be included with each item of furniture covered under	Pass
4. 4.1 4.2 4.3	Performance Requirements With the unit set up in accordance with 8.1, and without the anti-tip device, test the unit in accordance with 9.2.1, 9.2.2, and 9.2.3. During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose. If a failed component prohibits the completion of the test, then the failed component(s) shall be repaired or replaced to the original specifications, or the component replaced and the test repeated with the failed component secured as to not affect the test results but to prevent the component from failing. An anti-tip device shall be included with each item of furniture covered under the scope of this safety specification for attachment by the consumer	Pass Pass

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Applicable Section	Description	Result					
4.6.1.1	Consumer action to reengage the interlock system after disengaging to allow removal of one or more extendible elements is allowed, for example, to install an anti-tip device or retrieve a lost sock.	Pass					
4.6.1.2	An interlocked extendible element removed for such one-time action shall not require removal of components such as back panels and dust bottom to access the interlocking mechanism during reengagement. Reengagement shall not require tools unless those tools are also required for disengagement.						
4.6.1.3	An interlocked extendible element removed for such one time action shall						
(1)	Not be fully functional when reinstalled until the interlock is reengaged. (For example, it will not fully close or ride on tracks if interlock is not reengaged—which can be an automatic action when reinstalled in case.); or	Pass					
(2)	Include a separate warning or warnings as described in 10.2.3.10.	Pass					
4.6.2	Interlocks shall not require consumer assembly and/or installation if the unit is shipped assembled, except as allowed in 4.6.1.1.	Pass					
4.6.3	Consumer assembly and/or installation of interlock components as part of the normal consumer assembly process is allowed for items shipped/sold unassembled.	Pass					
4.6.4	When tested to 9.1, the extendible element shall be considered interlocked to the open extendible element if either:	Pass					
4.6.4.1	It remains closed during the test and is functional after tested extendible element is closed; or	Pass					
4.6.4.2	Its opening acts to close the extendible element originally open.	Pass					
5.	Measurements	"IAK TEST"					
5.1	Measurements shall be taken on the test surface as defined in 8.2.1 to the nearest 1/8 in. (3 mm) after following any assembly and leveling procedures from 8.1.2.	Pass					
5.2	Extendible Element Measurement:	Pass					
5.3	Non-Extendible Enclosed Storage Measurement	Pass					
5.4	Volume Calculations:	Pass					
571 ^{NG} 6.	Scope	Pass					
6.1	This test method is designed to test free-standing clothing storage unit stability	Pass					
7.	Significance and Use	Jan.					
7.1	The test methods in this safety specification are intended to simulate the						
8.	Test Setup	Pass					
8.1	Unit Setup:	Pass					
8.2	Test Equipment	Pass					
8.3	Load Calculations and Distribution:	Pass					
9.	Test Procedure	Pass					



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Applicable Section	Description	Result		
9.1	Test to Evaluate Interlock System	Pass		
9.2	Stability Test Methods	Pass		
9.3	Permanency of Labels and Warnings Testing	Pass		
10.	Marking and Labeling	Pass		
10.1	Warnings on Product			
10.2	Warnings Format and Content:			
11.	Precision and Bias	Pass		
12	Keywords	Pass		

--NA= Not Applicable



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Tested part(s):

Seq. no	Part(s) name	Sample description
ESTING1	Black coating (yellow wood) (R)	cabinet
2	Light copper metal ^(R)	Cabinet handle
3	Black coating (Silver metal) (R)	screw

⁽R)=Re-submitted sample

C. USA 16CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint

Test method: With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and

analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

lta	l lm:4	MDI	Results	•	Limit/Fook)
Item	Unit	MDL	STUDIE TEST 3	WAK TES!	Limit(Each)
Lead Content (Pb)	mg/kg	5	N.D.	(ii)	90
Conclusion	1	TEST IG	Pass	TESTING	1

D. USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule

(1) Substrate Materials

Test method: With reference to CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit(Each)
			2+3	
Lead Content (Pb)	mg/kg	5	N.D.	100
Conclusion	1	<i>I</i>	Pass	<i>V</i>

(2) Paint and similar surface coating material

Test method: With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Itam	Linit	MDI	Results	Limit(Each)
Item	Unit	MDL	3	
Lead Content (Pb)	mg/kg	5	N.D.	90
Conclusion	NG I	TING	Pass	s I TING



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E. USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates

USA 16CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test method: With reference to CPSC-CH-C1001-09.4, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

Mana		MADI	Results		
Item	Unit	MDL	restines 1	Limit(Each)	
Dibutyl Phthalate (DBP)	mg/kg	30	N.D.	1000	
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	1000	
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	1000	
Diisononyl Phthalate (DINP)	mg/kg	100	TESTING N.D.	1000	
Di-isobutyl Phthalate (DIBP)	mg/kg	100	N.D.	1000	
Dicyclohexyl Phthalate (DCHP)	mg/kg	100	N.D.	1000	
Di-n-hexyl Phthalate (DHEXP)	mg/kg	100	N.D.	1000	
Di-n-pentyl Phthalates (DPENP)	mg/kg	100	N.D.	1000	
Conclusion	3 <i>I</i>		Pass	9 1	

F. USA 40 CFR PART 770 - FORMALDEHYDE STANDARDS FOR COMPOSITE WOOD PRODUCTS

Test method: According to the ASTM E1333-14, Chamber formaldehyde concentration in air at test conditions, chamber formaldehyde concentration in air corrected to 25°C (77°F), 50 % relative humidity.

Element	MDL	Unit	Results ^(R)	Limit (Each)
Formaldehyde Emissions	0.01	ppm	N.D. HUAR	See the next remarks(a)
Conclusion	1	_© I	Pass	1



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Remarks:

Item	Limit (ppm)
(a) for hardwood plywood	0.05 ppm
(b) for particleboard	0.09 ppm
© for medium-density fibreboard	0.11 ppm
(d) for thin medium-density fibreboard	0.13 ppm
(e) for a laminated product	0.05 ppm

Exemption — laminated products

- (4) A manufacturer of laminated products is not required to have the selection, testing and verification referred to in subsection (1) performed for a product type if
- (a) in the case of a product type whose core or platform is a composite wood panel, formaldehyde emissions from the core or platform, prior to incorporation into the laminated product, do not exceed the applicable limit set out in subsection 6(1) or the correlated limit referred to in subsection 6(2); and
- (b) the veneer is glued to the core or platform using a phenol-formaldehyde resin or a no-added-formaldehyde resin.

Note:

- N.D. =Not Detected or less than MDL.
- MDL=Method Detection Limit.
- NA= Not Applicable
- %=Percentage by weight.
- 0.1%=1000mg/kg, mg/kg=ppm.
 - "+"=The test result is obtained from composite testing on materials linked with "+" mark, it is possible
- that individual test result can be higher if materials are tested separately. This had been taken in account in the conclusion of this report.



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G. CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a) Applicable Section Description		Result	
(a)(5) (A)	Effective 1 year after the date of enactment of the Consumer Product Safety		
(i)	the manufacturer to ascertain the location and date of production of the product, cohort information (including the batch, run number, or other identifying characteristic), and any other information determined by the manufacturer to facilitate ascertaining the specific source of the product by reference to those marks; and		
(ii)	the ultimate purchaser to ascertain the manufacturer or private labeler, location and date of production of the product, and cohort information (including the batch, run number, or other identifying characteristic).	Pass	
HUMATES IN	The Commission may, by regulation, exclude a specific product or class of products from the requirements in subparagraph (A) if the Commission determines that it is not practicable for such product or class of products to bear the marks required by such subparagraph. The Commission may establish alternative requirements for any product or class of products excluded under the preceding sentence consistent with the purposes described in clauses (i) and (ii) of subparagraph (A).	NA NA	
(b)	The Commission may by rule prescribe reasonable testing programs for any product which is subject to a consumer product safety rule under this Act, or a similar rule, regulation, standard, or ban under any other Act enforced by the Commission, and for which a certificate is required under subsection (a). Any test or testing program on the basis of which a certificate is issued under subsection (a) may, at the option of the person required to certify the product, be conducted by an independent third party qualified to perform such tests, unless the Commission, by rule, requires testing by an independent third party for a particular rule, regulation, standard, or ban, or for a particular class of products.		
(c)	The Commission may by rule require the use and prescribe the form and content of labels which contain the following information (or that portion of it specified in the rule) —		
(1)	The date and place of manufacture of any consumer product.	Pass	
(2)	The cohort information (including the batch, run number, or other identifying characteristic) of the product.	Pass	
(3)	A suitable identification of the manufacturer of the consumer product, unless the product bears a private label in which case it shall identify the private labeler and shall also contain a code mark which will permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.		
(4)	In the case of a consumer product subject to a consumer product safety rule, a certification that the product meets all applicable consumer product safety standards and a specification of the standards which are applicable. Such labels, where practicable, may be required by the Commission to be permanently marked on or affixed to any such consumer product. The Commission may, in appropriate cases, permit information required under paragraphs (1) and (2) of this subsection to be coded.		





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Applicable Section	Description	Result
res ^{rive} (d)	REQUIREMENT FOR ADVERTISEMENTS.—No advertisement for a consumer product or label or packaging of such product may contain a reference to a consumer product safety rule or a voluntary consumer product safety standard unless such product conforms with the applicable safety requirements of such rule or standard.	Pass
(e)	WITHDRAWAL OF ACCREDITATION-	Pass
(f)	DEFINITIONSIn this section	Pass
(g)	REQUIREMENTS FOR CERTIFICATES (1) IDENTIFICATION OF ISSUER AND CONFORMITY ASSESSMENT BODY Every certificate required under this section shall identify the manufacturer or private labeler issuing the certificate and any third party conformity assessment body on whose testing the certificate depends. The certificate shall include, at a minimum, the date and place of manufacture, the date and place where the product was tested, each party's name, full mailing address, telephone number, and contact information for the individual responsible for maintaining records of test results.	Pass
(h)	RULE OF CONSTRUCTION.	Pass
(i)	ADDITIONAL REGULATIONS FOR THIRD PARTY TESTING	Pass

** Modified History **

Revision	Description	Issued Data	Remark	
Revision 1.0	Initial Test Report Release	2024/05/17	Jason Zhou	
	Olm Dim		nic our	



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Photograph of Sample





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Product name: Multifunctional storage

Model No.:JX-005-WHITE v JX-005-BLACK

Brand name: N/A

Manufacturer: FOSHAN PENGWANDE NEW MATERIAL CO., LTD

Manufacturer Address :Shop 27, Block 26. Ao yuan junhu tianxia Garden,Luocun street,Shishan

town, Nanhai district, Foshan city, Guangdong province

Importer: TRANS-PAC CHINA LLC

Importer Address: 3715 S 182nd Street, C120 Seatac,WA 98188-9993 US

Age Range:14+ years old

Batch number:W2275-20240411-001

Production Date:2024/05/09

Made in China



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*** End of Report ***

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