HUAK TESTING

TEST REPORT

Prepared for:

DEZHOU HAOLONG WOOD INDUSTRY CO., LTD

South of Changjiang street and east of Ningde Road, Ningjin County, Dezhou City, Shandong province

Product Name:	**Full size crib**
Model Name:	**HL201, Espresso, White, Storm Grey, Natural, Black, Cherry**
Trade Mark:	**N/A**
Date of Test:	**From August 24, 2023 to August 29, 2023**
Date of Report:	**August 29, 2023**
Report Number:	**HK2308249619-1RR**

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

TEST REPORT

Applicant:	**DEZHOU HAOLONG WOOD INDUSTRY CO., LTD**
Address:	**South of Changjiang street and east of Ningde Road, Ningjin County, Dezhou City, Shandong province**
Manufacturer:	**DEZHOU HAOLONG WOOD INDUSTRY CO., LTD**
Address:	**South of Changjiang street and east of Ningde Road, Ningjin County, Dezhou City, Shandong province**

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

Sample Name:	Full size crib
Model No.:	HL201, Espresso, White, Storm Grey, Natural, Black, Cherry
Trade Mark:	N/A
Tested Age Grade:	15 months to 36 months
Labeled Age Grading:	15 months to 36 months
Appropriate Age Grade:	15 months to 36 months
Sample Receiving Date:	August 24, 2023
Testing Period:	From August 24, 2023 to August 29, 2023
Results:	Please refer to next page(s).

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Signed for and on behalf of HUAK

Approved by:_____
Lab Manager

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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TEST REPORT

Summary of Test Results:

	TEST REQUEST	CONCLUSION
A	As specified in title 16, code of federal regulations, chapter II- consumer products safety commission of U.S.A	
	1. 16 CFR 1500.50.51.52.53 Simulating use and abuse of toys	PASS
	2. 16 CFR 1501 Small Objects	PASS
	3. 16 CFR 1500.48 Sharp point	PASS
	4. 16 CFR 1500.49 Sharp edge	PASS
B	ASTM F2906-23 Standard Consumer Safety Specification for Bedside Sleepers	PASS
C	- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	PASS
D	- USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children´s products containing Lead; Lead paint rule	PASS
E	- USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates - USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	PASS
F	-CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))	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

Section	Description	Result
16 CFR 1500.50.51.52.53	Normal use testing	Pass
	Abuse testing	
	Impact test	Pass
	Bite test	Pass
	Flexure test	Pass
	Torque test (53e)	Pass
	Tension test (53f)	Pass
	Compression test(53g)	Pass
16 CFR 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.	Pass
16 CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age.	Pass
16 CFR 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.	Pass

--NA= Not Applicable

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B. ASTM F2906-23 Standard Consumer Safety Specification for Bedside Sleepers

Applicable Section	Description	Result
1.	Scope 1.1 This consumer safety specification establishes performance requirements, test methods, and marking requirements to promote safe use of bedside sleepers. 1.2 This consumer safety specification is intended to minimize the risk of injury to an infant from the normal use and reasonably foreseeable misuse of a bedside sleeper. 1.3 This consumer safety performance specification covers products intended to provide sleeping space for an infant up to approximately 5 months of age (or when child begins to push up on hands and knees). These products are intended to be secured to the side of an adult bed for the purpose of having a baby sleep in close proximity to an adult. 1.4 No bedside sleeper produced after the approval date of this consumer safety specification shall, either by label or other means, indicate compliance with the specification unless it complies with all of the requirements contained herein. 1.5 This consumer safety performance specification is not intended to address incidents and injuries resulting from alteration or unreasonable abuse or misuse of the product by a child or child care provider. 1.6 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard. 1.7 The following precautionary caveat pertains only to the test method portion, Section 6 of this consumer safety performance specification. This standard may involve the use of hazardous materials, operations and equipment. 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 standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use. 1.8 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.	
2.	Referenced Documents	
3.	Terminology	
4.	Calibration and Standardization	
4.1	All testing shall be conducted on a concrete floor that may be covered with /8 in. (3 mm) thick vinyl floor covering, unless test instructs differently.	
4.2	The product shall be completely assembled in accordance with the manufacturer 's instructions.	
4.3	No testing shall be conducted within 48 h of manufacture.	
4.4	The product to be tested shall be at an ambient temperature of 73 ± 9°F (23 ± 5°C) for at least one hour before testing. All testing shall be conducted in this temperature range.	
4.5	All testing required by this consumer safety specification shall be conducted on the same unit in the order presented in this specification.	
5.	Performance Requirements	
5.1	Prior to or immediately after testing to this consumer safety specification,	NA

Applicable Section	Description	Result
	the bedside sleeper must be tested to Consumer Safety Specification F2194. Multi-mode products must also be tested to each applicable standard. When testing to Consumer Safety Specification F2194 the unit shall be free standing, and not be secured to the test platform as dictated elsewhere in this standard.	
5.1.1	The bassinet minimum side height shall be as required in Consumer Safety Specification F2194 with the exception of a lowered side rail as permitted in 5.4.	NA
5.2	When the product is secured to the Test Platform 2 from 7.1.2 of Consumer Safety Specification F2085, per the manufacturer's recommended method, there shall be no more than 1/2 in. (13 mm) separation from the bed measured at any point along the length of the line of contact between the product and the test platform.	NA
5.3	Product Disengagement:	Pass
5.3.1	The bedside sleeper shall not separate from the test platform more than 1 in. (2.5 cm) at any point of attachment to the test platform when tested in accordance with 6.1.1-6.1.3.	Pass
5.3.2	The bedside sleeper may separate from the test plat form more than 1 in. (2.5 cm) during application of the force in 6.1.4 but shall not remain separated more than 1 in. (2.5 cm) after removal of the force.	Pass
5.4	The bedside sleeper shall have a barrier around the entire perimeter of the occupant retention space. If a bedside sleeper is equipped with a side or end portion which is lower or partially lowers by any means, the height of the side rail in the lowest position shall be no less than 4 in. (10.2 cm) when measured from the top of the uncompressed bedside sleeper mattress to the top of the lowered side rail, when the mattress support is in its highest position.	Pass
5.4.1	Four-Inch Nest Rationale	Pass
5.5	If a bedside sleeper is equipped with a side or end portion which partially lowers by any means, it shall remain engaged and operative after testing as follows:	Pass
5.5.1	Each single -action locking or latching device that is provided to prevent folding shall require a minimum force of 10 lbf (45 N) to activate the release mechanism when tested in accordance with 6.2.	Pass
5.5.2	Each double-action locking or latching device that is provided to prevent folding shall require two distinct and separate actions for release. There are no force requirements for double- action locking or latching devices.	Pass
5.6	The bedside sleeper shall provide a means to be secured to an adult bed. The bedside sleeper rail that is adjacent to the adult bed shall be at or below the acceptable adult bed height range specified in the manufacturer's instructions except for any portion of the rail that is 7.5 in. or higher when measured according to the side height requirement found in Consumer Safety Specification F2194.	Pass
5.7	Bedside Sleeper Accessory Fabric Sided Enclosed Openings- For bedside sleeper accessories, a completely bounded opening shall not be created that allows the complete passage of the torso probe when tested in accordance passage of the torso probe (Fig. 2) when tested in accordance	NA

Applicable Section	Description	Result
	with 6.3.	
5.8	Bedside Sleeper Accessories- -Missing Accessory Attachment Components:	NA
5.8.1	Bedside sleeper accessories that have all accessory attachment components permanently attached to the bedside sleeper accessory, or by any permanent means prohibiting their removal from the bedside sleeper accessory, are exempt from the requirements in 5.8.2.	NA
5.8.2	Bedside sleeper accessories which require consumer assembly of accessory attachment component(s), and that can be assembled and attached to the product with any accessory attachment component(s) missing, shall meet either 5.8.2.1 or 5.8.2.2 when each accessory attachment component not permanently attached is removed.	NA
5.8.2.1	The bedside sleeper accessory shall collapse when any part of the mattress pad contacts the bottom floor of the play yard or is not able to support the 4.0 lbm test mass when tested to 6.4.	NA
5.8.2.2	The bedside sleeper accessory sleep surface shall tilt more than 30° when tested to 6.4.	NA
6.	Test Methods	
6.1	Product Disengagement Test Method:	Pass
6.1.1	Assemble the bedside sleeper in the manufacturer's recommended use position(s) utilizing Test Platform 2 from Consumer Safety Specification F2085, subsection 7.1.2. The foundation of Test Platform 2 shall be placed in a common metal bed frame.	Pass
6.1.2	Apply 25 lbf (111 N) to the midpoint of a horizontal cross member closest in height to the attachment means on the bedside sleeper structure (manufacturer illustration), and in a direction most likely to dislodge the bedside sleeper from the test platform. The load shall be applied through a 2 by 2 in. (50 by 50 mm) wood block gradually over 5 s and held for 10 s. Measure the maximum separation of the product from the top of the mattress of Test Platform 2 while the force is being applied.	Pass
6.1.3	Apply 25 lbf (111 N) to one outside corner of the Bedside Sleeper structure closest to Test Platform 2 (manufacturer illustration). Apply the force to the structure perpendicular illustration). Apply the force to the structure perpendicular to the length of the bed within 2 in. (50 mm) of the top surface of Test Platform 2 and in a direction most likely to dislodge the bedside sleeper from the test platform. The load shall be applied through a2 by 2 in. (50 by 50 mm) wood block gradually over 5 S and held for 10 s. Measure the separation of the product from Test Platform 2 at the height of the top of the mattress on the bed while the force is being applied. Repeat on the other outside corner of the product's structure closest to Test Platform 2.	Pass
6.1.4	Apply a 50 lbf (225 N) to each of the previously tested locations without adjusting the product. Apply the force over a period of 5 s. After removing the force, measure the maximum separation of the product from the Test Platform 2 at the height of the top of the mattress.	Pass
6.1.4.1	Product Disengagement Rationale	Pass

Applicable Section	Description	Result
6.2	Folding Latch Test Method	Pass
6.3	Fabric Release Test Methods for Enclosed Openings	NA
6.3.1	Assemble and place the bedside sleeper in the manufacturer's recommended use position. If the bedside sleeper has a non-rocking locking mechanism, place the bedside sleeper in nonrocking mode. For this test, the unit shall be free standing, and not be secured to the test platform as dictated elsewhere in this standard.	NA
6.3.2	With the torso test probe attached to a force gauge, place the small end of the probe against the fabric on the inside wall of the product and between any structural elements in any locations deemed most likely to fail without removing the mattress.	NA
6.3.3	Apply a 20 lb (89 N) force to the probe over a period of 5 s and hold for an additional 10 s.	NA
6.3.4	Upon completion of 6.3.3, without adjusting the fabric, evaluate any additional openings by repeating 6.3.2 and repeat 6.3.3 at these additional locations.	NA
6.3.5	Shell-If the product has a shell, unfasten all fasteners, snaps, or both that are not required to suspend the shell to the play yard side (top) rails. Replace mattress in the product and repeat 6.3.2-6.3.4.	NA
6.3.6	If the product has a removable cover, unfasten all fasteners or snaps, or both, but leave cover in place. Replace mattress in the product and repeat 6.3.2 – 6.3.4.	NA
6.4	Bedside Sleeper Accessory- Sleep Surface Collapse/Tilt:	Pass
6.4.1	Equipment- _One 4.0 lbm (1.8 kg) test mass made from an aluminum bar with dimensions 1 by 4 by 10.25 in. (25 by 101 by 260 mm). .	Pass
6.4.2	Determine the number of removable (that is, not permanently attached to the accessory) accessory attachment components used in the assembly of the bedside sleeper accessory and number them 1 through n, until all removable elements are numbered.	Pass
6.4.3	Assemble the bedside sleeper accessory to the product according to manufacturer s instructions.	Pass
6.4.4	Establish a horizontal reference plane by placing an inclinometer on the floor of the testing area, and then zero the inclinometer.	Pass
6.4.5	Remove accessory attachment component #1 used in the assembly of the bedside sleeper accessory and attempt to assemble the accessory back onto the product.	Pass
6.4.5.1	If the accessory can be assembled onto the product without element #1, proceed to 6.4.6.	Pass
6.4.5.2	If the accessory cannot be assembled onto the product without element #1, the accessory shall be considered to meet 5.8.2. Proceed to 6.4.8.	Pass
6.4.6	Place the 4.0 lbm (1.8 kg) test mass in the center of the sleep surface, oriented parallel with the longest side of the bedside sleeper accessory (see Fig. 3). Visually determine if the bedside sleeper accessory collapses or it no longer supports the test mass within 2 s.	Pass
6.4.7	If collapse does not occur, measure the sleep surface's angle of incline relative to the horizontal plane established in 6.4.4 at the location(s) most	Pass

Applicable Section	Description	Result
	likely to meet the angle requirement in 5.8.2.2. Record this angle	
6.4.8	Replace the removed accessory attachment component.	Pass
6.4.9	Repeat 6.4.5-6.4.8 removing and replacing each accessory attachment component (identified in 6.4.2) one at a time, starting with #2 through n and evaluating the resulting condition.	Pass
7.	Marking and Labeling	
7.1	All bedside sleeper products shall comply with the marking and labeling requirements of Consumer Safety Specification F2194.	Pass
7.2	In addition to the requirements of 7.1, all bedside sleeper products must include the marking and labeling in 7.3 and 7.4.	Pass
7.3	Retail Packaging:	Pass
7.4	Product Warnings:	Pass
8.	Instructional Literature	
9.	Keywords	

--NA= Not Applicable

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Tested part(s):

Seq. no	Part(s) name	Sample description
1	Yellow wood	Crib

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

Test method: Lead in paint and other similar surface coatings: 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)

Item	Unit	MDL	Results	Limit(Each)
			NA	
Lead Content (Pb)	mg/kg	5	NA	90
Conclusion	/	/	NA	/

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 toCPSC-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)
			1	
Lead Content (Pb)	mg/kg	5	N.D.	100
Conclusion	/	/	**Pass**	/

(2) Paint and similar surface coating material

Test method: Lead in paint and other similar surface coatings: 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)

Item	Unit	MDL	Results	Limit(Each)
			NA	
Lead Content (Pb)	mg/kg	5	NA	90
Conclusion	/	/	NA	/

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E. USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates
USA 16 CFR 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 sol vent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

Item	Unit	MDL	Results	Limit(Each)
			1	
Dibutyl Phthalate (DBP)	mg/kg	30	53	1000
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	1000
Bis-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	30	660	1000
Diisononyl Phthalate (DINP)	mg/kg	100	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	/	/	**Pass**	/

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 selection of test portions is strongly recommended by the client and the conclusion of chemical test is only for the selected portion.

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F. CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))

Applicable Section	Description	Result
(a)(5) (A)	Effective 1 year after the date of enactment of the Consumer Product Safety Improvement Act of 2008, the manufacturer of a children's product shall place permanent, distinguishing marks on the product and its packaging, to the extent practicable, that will enable—	Pass
(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	Pass
(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
(B)	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
(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.	Pass
(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) —	Pass
(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.	Pass
(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	Pass

Applicable Section	Description	Result
	Commission may, in appropriate cases, permit information required under paragraphs (1) and (2) of this subsection to be coded.	
(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)	DEFINITIONS.--In 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

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**** Modified History ****

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2023/08/29	Jason Zhou

Photograph of Sample

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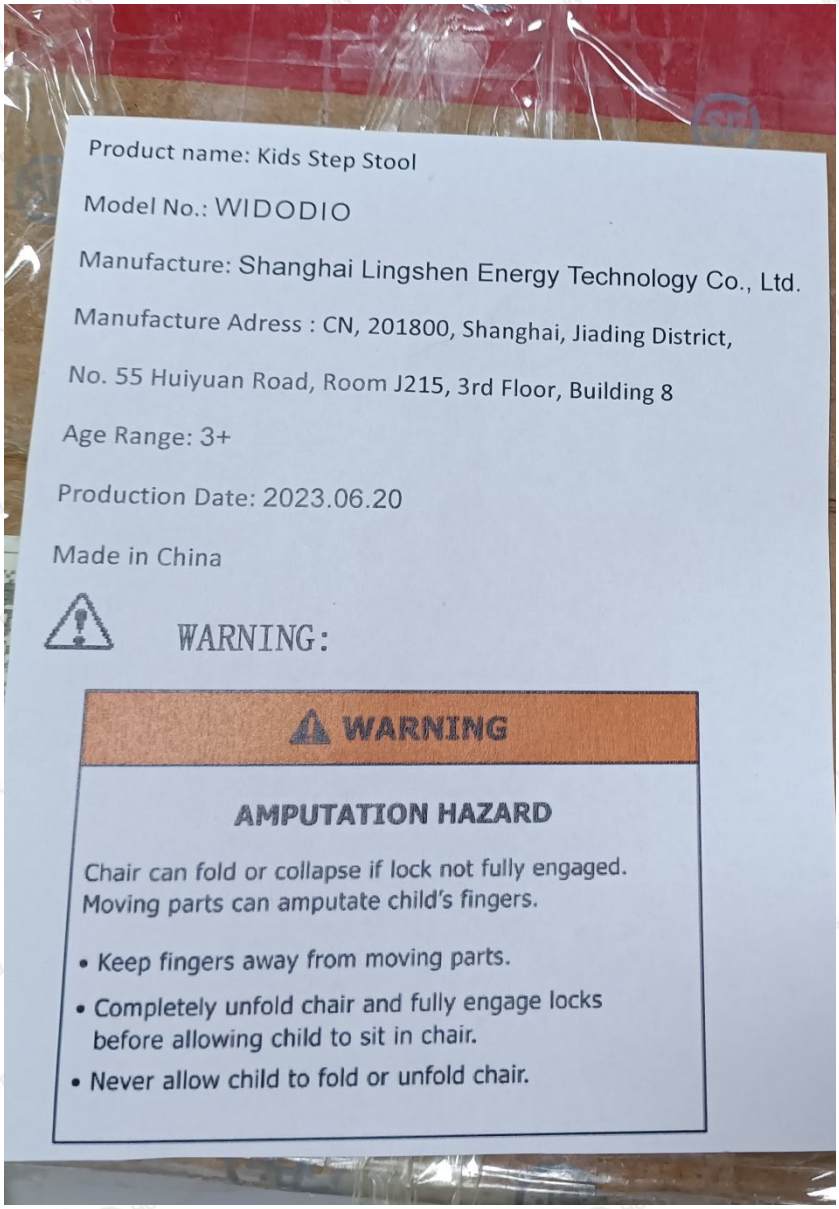

TEST REPORT

TEST REPORT

HUAK authenticate the photo on original report only

***** End of Report *****

Remark: This report is considered invalidated without the Special Seal for Inspection of the HUAK. This report shall not be altered, increased or deleted. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone who uses this report should understand all of the details of the engagement. Without written approval of HUAK, this test report shall not be copied except in full and published as advertisement.

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