Test Report

No.: SHHL251106970801IP Date: DEC. 24, 2025 Page: 1 of 10

TAIZHOU YIXIN LEISURE PRODUCTS CO.,LTD
SHANQIAN VILLAGE, DATIAN STREET, LINHAI 317004, TAIZHOU CITY, ZHEJIANG PROVINCE, CHINA

Sample Description	:	Safety Barriers,Install on the door ,stairway and hallway etc to prevent child and pet
Item No.	:	SG-002

****

Source of Sample	:	SENT BY CLIENT.
Sample Receiving Date	:	NOV. 20, 2025
1st Resubmitted Sample Date	:	DEC. 08, 2025
2nd Resubmitted Sample Date	:	DEC. 19, 2025
Further Information Date	:	DEC. 24, 2025
Testing Period	:	NOV. 20, 2025 TO DEC. 24, 2025

Test Requested	Result
EN 1930:2011 CHILD CARE ARTICLES - SAFETY BARRIERS - SAFETY REQUIREMENTS AND TEST METHODS	Pass
EN 71-3: 2019+ A2:2024 - Migration of certain elements (Category III:for scrapped-off toy material)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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melody zhang

Melody Zhang
Authorized Signatory

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Test Conducted:

EN 1930:2011 CHILD CARE ARTICLES - SAFETY BARRIERS - SAFETY REQUIREMENTS AND TEST METHODS

1. Scope:

This European Standard specifies the safety requirements and test methods for child safety barriers for domestic indoor use which are designed to be fitted across openings to limit a child's access inside the home and to prevent young children up to 24 months of age passing through.

This European Standard does not apply to products designed to be fitted across windows.

2. Number of test specimen: 1 piece of sample
3. Test Result: Details Shown as Following Table:

Clause	Test Method/ Requirement	Rating
6	**Mechanical hazards**	
6.1	**General** The tests shall be carried out in ambient conditions of (23 ± 10) °C. All requirements for 6.1 to 6.12 shall be checked and all tests shall be conducted with the safety barrier set up for normal use in the closed position in accordance with the manufacturer's instructions within the test frame specified in 4.8. The requirements and test methods do not apply to the safety barrier when it is being set up or dismantled. Unless otherwise specified the tests shall be carried out on the same safety barrier in the order listed in this European Standard. Where the safety barrier can be fitted with extensions in accordance with the manufacturer's instructions, the most onerous combination shall be used to determine whether the safety barrier conforms to the requirements of this European Standard. If a safety barrier has several functions or can be converted into another function it shall conform to relevant European Standards.	
6.2	**Barrier Function**	
6.2.1.1	There shall be a rectangular area at least 650 mm high and extending across the full width of the safety barrier between the two beech pads of the test frame in which there shall be no footholds when tested in accordance with 6.2.2. This requirement applies to rigid structures and any opening in any material. Rigid structures shall not include seams in fabrics of multiple layers. After testing in accordance with 6.2.2 the safety barrier shall still function as intended in accordance with the manufacturer's instructions.	PASS
6.3	**Gaps**	
6.3.1**	When tested in accordance with 6.3.2 there shall be no gap within the safety barrier or between the safety barrier and the side of the test frame or between the safety barrier and the floor/base of the test frame that allows the hip probe to pass through from either side of the safety barrier.	PASS
6.4	**Opening and closing system**	

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Clause	Test Method/ Requirement	Rating
6.4.1.1	**Unintentional opening** Safety barriers shall conform to one of the following conditions: - at least two consecutive actions are required to release the opening system, the operation of the second being dependent on the first having been carried out and maintained; or - at least two separate but simultaneous actions are required to release the opening system operating on different principles. Components for fitting the safety barrier into an opening that are not intended to be removed or released for allowing access are excluded from this requirement.	PASS
6.4.1.2	**Closing system** After testing in accordance with 6.4.2.1 the closing system shall continue to operate as intended in accordance with the manufacturer's instructions.	PASS
6.4.1.3	**Closing system with a mechanism that closes the system without the intervention of the user** Closing systems with a mechanism that closes the opening system without the intervention of the user shall also lock the opening system without the intervention of the user. After testing in accordance with 6.4.2.2 a closing system with a mechanism that closes the opening system without the intervention of the user shall continue to close and lock the opening system without the intervention of the user. Closing systems that close and lock without the intervention of the user shall have a means of indicating that the opening system has either closed or remained open. The means of indication shall be either audible or visual. The means of indication shall be explained in the instructions for use.	N/A
6.5	**Entrapment hazards**	
6.5.1	**Finger entrapment**	
6.5.1.1**	**Requirements for openings** There shall be no openings between 7 mm and 12 mm unless the depth of penetration is less than 10 mm when tested in accordance with 6.5.1.2. There shall be no openings in the mesh that allow the finger probe for mesh as specified in 4.5 to penetrate to the 7 mm diameter section when tested in accordance with 6.5.1.2.	PASS
6.6	**Shearing and crushing hazards**	
6.6.1	Between the safety barrier and the floor and between the lowest edge of any closing section and the upper surface of the horizontal member directly below there shall be no gaps between 5 mm and 12 mm and any gap equal to or greater than 12 mm shall not close to less than 12 mm when tested in accordance with 6.6.2. After testing in accordance with 6.6.2 the safety barrier shall still function as intended in accordance with the manufacturer's instructions.	PASS
6.7	**Protrusion hazards**	
6.7.1	When tested in accordance with 6.7.2 the ball chain loop and spherical mass as specified in 4.6 shall not be retained by any protruding part.	PASS
6.8	**Choking and ingestion hazards**	

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Clause	Test Method/ Requirement	Rating
6.8.1	When tested in accordance with 6.8.2, any component or part of a component that is removed, whether intended to be removed without the use of a tool or not, shall not fit entirely within the small parts cylinder specified in 4.7.	PASS
6.9	**Suffocation hazards** Plastic bags used for packaging shall conform to one of the following requirements: a) bags made of flexible plastics with an opening perimeter greater than 380 mm used for external or internal packaging, shall have an average sheet thickness of 0,038 mm or more and shall not have a drawstring or cords as a means of closing or; b) bags made of perforated sheets with an average thickness of less than 0,038 mm and of an area greater than 100 mm x 100 mm shall be perforated with defined holes so that a minimum of 1 % of the area has been removed over any area of 30 mm x 30 mm or; c) packaging shall be conspicuously marked in the official language(s) of the country where the safety barrier is sold with the following statement: “TO AVOID DANGER OF SUFFOCATION BEFORE INSTILLATION REMOVE ANY PLASTIC PACKAGING WHICH SHOULD BE DESTROYED OR KEPT AWAY FROM CHILDREN.” NOTE The statement may be expressed in different words providing they clearly convey the same warning.	PASS
6.10	**Hazardous edges and points**	
6.10.1**	**General** Edges and protruding parts accessible during normal use shall be rounded or chamfered and free of burrs and sharp edges.	PASS
6.10.2	**Requirements for edges on tubes** When the safety barrier is assembled for use any accessible external and internal edges on open ended tubes shall have a minimum radius of 2 mm or be chamfered. Open ended tubes with a wall thickness of less than 4 mm shall be closed, covered or capped.	PASS
6.10.3	**Requirements for points** There shall be no sharp points e.g. staples, nails or screws protruding from any part of the safety barrier. Staples shall not be proud of the surface.	PASS
6.11	**Structural integrity**	
6.11.1	**Materials**	
6.11.1.1	**General** Wood and wood based materials shall be free from decay and insect attack.	N/A
6.11.1.2	**Requirements for connecting screws** Connecting screws for direct fastening, e.g. self tapping screws, shall not be used for the assembly of any component that is designed to be removed or loosened when dismantling the safety barriers for purposes of transportation or storage.	PASS

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Clause	Test Method/ Requirement	Rating
6.11.1.3	**Requirements for staples** Staples shall be loaded in shear.	N/A
6.11.2	**Effectiveness of the fixing, locking devices and opening systems**	
6.11.2.1	**Requirements** When tested in accordance with 6.11.2.2 fittings and fastening devices shall not be damaged, loosened or detached, locking devices shall not disengage and the safety barrier shall still function as intended in accordance with the manufacturer's instructions. When tested in accordance with 6.11.2.3 fixing, locking and opening systems of the safety barrier shall not be dislodged. After the test the maximum movement of any fixing point of the safety barrier in the opening shall not exceed 25 mm.	PASS
6.12	**Security of the safety barrier from Impact test**	
6.12.1	When tested in accordance with 6.12.2 the maximum permissible movement of the safety barrier shall be 25 mm from its initial position. After testing in accordance with 6.12.2 the safety barrier shall function as intended.	PASS
7	**Chemical hazards** The migration of synthetic or natural elements from coatings of paint, varnish, lacquer, printing ink, polymer and similar coatings and from any other accessible surfaces of materials whether mass coloured or not shall not exceed the following amounts: Antimony : 60 mg/kg Arsenic : 25 mg/kg Barium : 1 000 mg/kg Cadmium : 75 mg/kg Chromium : 60 mg/kg Lead : 90 mg/kg Mercury : 60 mg/kg Selenium : 500 mg/kg These limits shall be verified in accordance with the test method given in EN 71-3. Where a surface is coated with a multi-layer of paint or similar coating, the test sample shall not include the base material. A separate sample may be used for these tests.	PASS (See Chemical Test Result)
8	**Thermal hazards** When tested in accordance with EN 71-2 the maximum rate of spread of flame of textile materials or coated textile materials shall be 30 mm/s. If the textile area is less than 5 % of the total barrier area, this requirement shall not apply. A separate sample may be used for this test.	N/A
9	**Additional hazards**	
9.1	**Use of a tool** It shall be possible to remove a non-opening safety barrier without the use of a key or tool.	N/A

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Clause	Test Method/ Requirement	Rating
9.2	**Toys** Safety barriers shall not incorporate toys or any similar features that could be used as a child's plaything.	N/A
10*	**Product Information**	PASS

Notes: N/A= Not applicable.
Item with * means it passed at the first retest.
Item with ** means it passed at the second retest.

Remark:

1. The test sample was installed with screws and the maximum width of frame was 78cm.
2. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
3. The declaration of conformity is based on acceptance limits chosen based on simple acceptance (w = 0, AL =TL).
   Statements of conformity are reported as:
   Passed - The measured values were observed in tolerance at the points tested.
   Failed - One or more measured values were observed out of tolerance at the points tested.
4. The PDF file of information and relative guarantee letter were provided to evaluate the product information.

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Chemical Test Result:

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA25-0310222-0001.C001	White coating on metal
SN2	A2	SHA25-0310222-0001.C002	Gray plastic connection
SN3	A3	SHA25-0310222-0001.C003	Transparent soft plastic screw hat
SN4	A4	SHA25-0310222-0001.C004	White plastic hat
SN5	A5	SHA25-0310222-0001.C005	White foam with sticky
SN6	A6	SHA25-0310222-0001.C006	Silvery blue metal small screw

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

EN 71-3: 2019+ A2:2024 - Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019+ A2:2024, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Mass of trace amount	-	mg	-	87.8	/	/
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	453	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND

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Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Aluminum(Al)	28130	mg/kg	50	52	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3.0	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Mass of trace amount	-	mg	-	/	/	/
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	9
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	74
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	64
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	3076
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3.0	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Notes:
(1) According to Chapter of 10.1.2 of EN 71-3:2019+ A2:2024, Chromium (III) is calculated by the following formula:
Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)
(2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019+ A2:2024.
(3) /=Not Applicable

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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检验检测专用章 Inspection & Testing Services

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