Test Report Number: SZHH01829963

Applicant: ZHONGSHAN JINLANG DAILY PRODUCTS CO.,LTD
NO.10, BAOSHENG FIRST STREET,
XIAOLAN TOWN,ZHONGSHAN CITY,
GUANGDONG PROVINCE

Date: Aug 23, 2023

Attn: 高山

Sample Description:

Two (2) pieces of submitted sample said to be :

Item Name	:	**Baby Safety Gate**
Item No.	:	**BG-01**
Reference No.	:	BG-02, BG-03, BG-06
Labelled Age Group	:	Not Specified
Applicant Specified Age Grading for Testing	:	--
Packaging Provided by Applicant	:	No
Manufacturer	:	Zhongshan Jinlang Daily Products Co., Ltd
Country of Origin	:	China
Date Sample Received	:	Jul 19, 2023
Testing Period	:	Jul 19, 2023 ~Aug 23, 2023

Tests conducted:

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

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Conclusion:

Tested sample	Standard	Result
Submitted sample	16 CFR 1130 - Requirements for Consumer Registration of Durable Infant or Toddler Products (Excluding clause 1130.7: Requirements for Web site registration or alternative email registration)	Pass (See remark)
	16 CFR 1239 (Incorporating by reference ASTM F1004-22) - Safety Standard for Gates and Enclosures Excluding - Clause 5.8: Labeling	Pass (See remark 1)
	ASTM F1004-23 - Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures Excluding - Clause 5.8: Labeling	Pass (See remark 1)
	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products	Pass
	Standard - U.S. CFR Title 16 (CPSC Regulations) Physical and mechanical tests	Pass
	Part 1500.3(C)(6)(vi) flammability test on rigid and pliable solids	Pass
Tested components of submitted samples	Standard 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
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass

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Remark:

1. Only artwork of labeling, package and instruction was provided for review, the permanence and visibility of label, the height of warning statement were not assessed in this report.

2. Only artwork of registration card was provided for review, the size, the thickness, the perforations for separation and the height of letters were not assessed in this report.

Authorized by:
For Intertek Testing Services Shenzhen Ltd.

Rachel L. Guo
General Manager

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Tests Conducted

1 Requirements for Consumer Registration of Durable Infant or Toddler Products

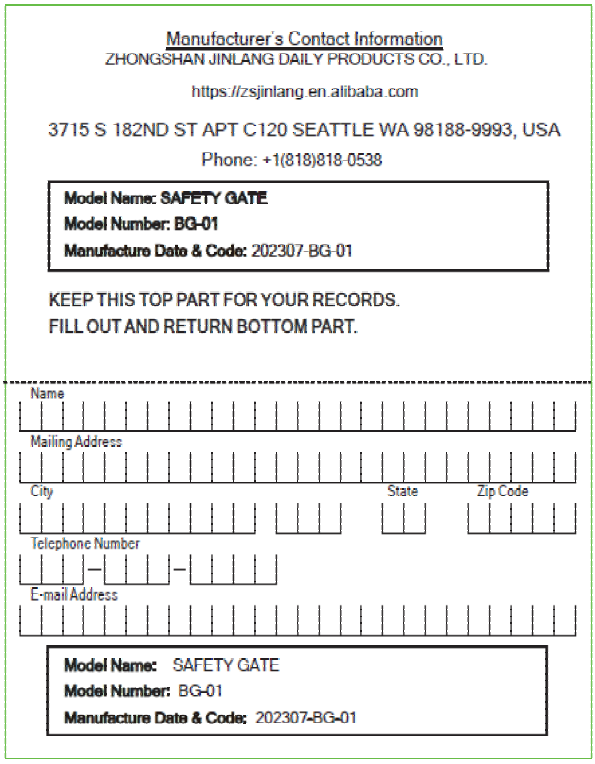
As per the client's requirements, with reference to 16 CFR 1130 - Requirements for Consumer Registration of Durable Infant or Toddler Products, the submitted sample was subjected to the following tests.

Executive Summary:

Clause	Requirements	Result
1130.3	General requirements	P (See remark 2)
1130.4	Identification on the product	P (See remark 2)
1130.5	Requirements for registration forms	P (See remark 2)
1130.6	Requirements for format and text of registration forms	P (See remark 2)
1130.7	Requirements for Web site registration or alternative email registration	NR

Abbreviation: P = Pass

Photos of tested sample for reference



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Tests Conducted

2 Safety Standard for Gates and Enclosures

As per 16 CFR 1239 – Safety Standard for Gates and Enclosures, the submitted sample was subjected to the following tests in accordance with the variations of ASTM F1004-22.

Product type: Expansion gates.

Executive summary:

Clause	Testing Items	Result
1	Scope	
2	Referenced documents	
3	Terminology	
4	Calibration and standardization	
5	General requirements	
5.1	Wood parts	NA
5.2	Screws	P
5.3	Hazardous sharp edges or points	P
5.4	Small parts	P
5.5	Openings	P
5.6	Exposed coil springs	NA
5.7	Scissoring, shearing and pinching	P
5.8	Labeling	NR
5.9	Paint and surface coating (16 CFR 1303)	
5.10	Protective components	P
6	Performance requirements	
6.1.1	Completely-bounded openings	P
6.1.2	Height of sides	P
6.1.3	Vertical strength	P
6.1.4	Bottom spacing	P
6.1.5	Configuration of uppermost edge	NA
6.2	Latching/Locking and hinge mechanisms	
6.2.1	Pressure-mounted gates	P
6.2.2	Unit with egress panels	P

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Tests Conducted

Clause	Testing items	Assessment
6.3	Horizontal push-out	P
6.4	Locking device	
6.4.1	Single-action	NA
6.4.2	Double-action	P
6.5	Toys	P
6.6	Slat strength test	P
6.7	Pressure-mounted gate-mounting hardware	P
6.8	Visual side-pressure indicators	NA
7	Test methods	
8	Marking and labeling	P (See remark 1)
9	Instructional literature	P (See remark 1)

Abbreviation： P = Pass; NA = Not Applicable; NR = Not Requested by the Applicant

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Tests Conducted

3 Safety Specification for Expansion Gates/Expandable Enclosures

Test standard: ASTM F1004-23 - Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures.

Product type: Expansion gates.

Executive summary:

Clause	Testing Items	Assessment
1	Scope	
2	Referenced documents	
3	Terminology	
4	Calibration and standardization	
5	General requirements	
5.1	Wood parts	NA
5.2	Screws	P
5.3	Hazardous sharp edges or points	P
5.4	Small parts	P
5.5	Openings	P
5.6	Exposed coil springs	NA
5.7	Scissoring, shearing and pinching	P
5.8	Labeling	NR
5.9	Paint and surface coating (16 CFR 1303)	
5.10	Protective components	P
6	Performance requirements	
6.1.1	Completely-bounded openings	P
6.1.2	Height of sides	P
6.1.3	Vertical strength	P
6.1.4	Bottom spacing	P
6.1.5	Configuration of uppermost edge	NA
6.2	Latching/Locking and hinge mechanisms	
6.2.1	Pressure-mounted gates	P
6.2.2	Unit with egress panels	P

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Tests Conducted

Clause	Testing items	Assessment
6.3	Horizontal push-out	P
6.4	Locking device	
6.4.1	Single-action	NA
6.4.2	Double-action	P
6.5	Toys	P
6.6	Slat strength test	P
6.7	Pressure-mounted gate-mounting hardware	P
6.8	Visual side-pressure Indicators	NA
7	Test methods	
8	Marking and labeling	P (See remark 1)
9	Instructional literature	P (See remark 1)

Abbreviation: P = Pass; NA = Not Applicable; NR = Not Requested by the Applicant

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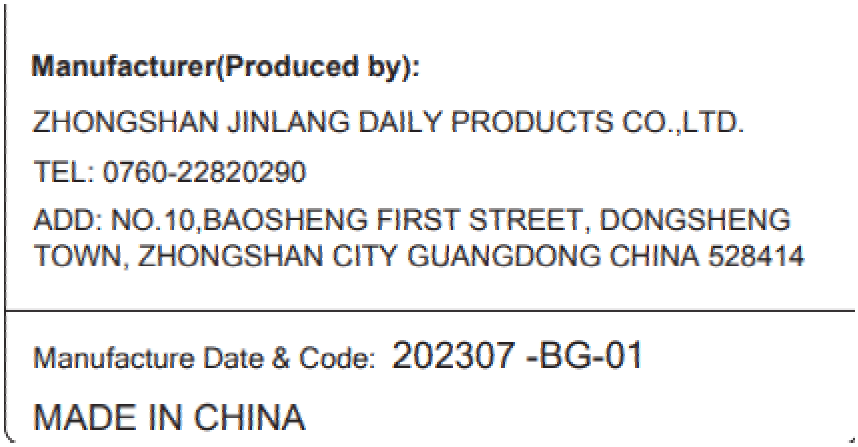
Tests Conducted

4 Tracking Label Assessment

As per 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 Jinlang daily products co ltd
Location of production:	Zhongshan city Guangdong China
Date code:	202307



Tracking label found on the products:

Name of manufacturer / importer / private labeler:	Zhongshan Jinlang daily products co ltd
Location of production:	Zhongshan city Guangdong China
Date code:	202307

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Tests Conducted

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.

5 Physical and Mechanical Tests

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.

	No. of sample tested per style	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	1	P	P	P
Impact test (1500.51(b))	1	P	P	P
Flexure test (1500.52(d))	0	NA	NA	NA
Torque test (1500.52(e))	1	P	P	P
Tension test (1500.52(f))	1	P	P	P
Compression test (1500.52(g))	1	P	P	P

Remark: P = Pass NA = Not Applicable

6 Flammability test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids

Result : Ignited but self-extinguished before burn rate could be determined

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7 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.

(I) Surface coating

Element	Result (ppm) Tested Component		Reporting Limit (ppm)	Warning Statement Limit (ppm)	Limit (ppm)
	(1)	(2)			
Lead (Pb)	61	21	10	--	90

(II) Non-Surface Coating (Substrate)

Element	Result (ppm) Tested Component	Reporting Limit (ppm)	Warning Statement Limit (ppm)	Limit (ppm)
	(18)			
Lead (Pb)	ND	10	--	600

Element	Result (ppm) θ Tested Component	Reporting Limit (ppm)	Warning Statement Limit (ppm)	Limit (ppm)
	(3+4+5),(6+7+8),(9+10+11),(12+13+14), (15+16),(17)			
Lead (Pb)	ND	10	--	100

ND = Not detected (less than reporting limit)
ppm = parts per million = mg/kg

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

8 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101)

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 Argon Plasma Spectrometry.

Element	Result (ppm) Tested Component		Reporting Limit (ppm)	Limit (ppm)
	(1)	(2)		
Lead (Pb)	61	21	10	90

The above limit was quoted according to U.S. CFR Title 16 Part 1303 and U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating.

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

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Tests Conducted

9 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) θ Tested Component (3+4+5),(6+7+8),(9+10+11),(12+13+14), (15+16),(17)	Reporting Limit (ppm)	Limit (ppm)
Lead (Pb)	ND	10	100

The above 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.

ppm = parts per million = mg/kg
ND = Not detected (less than reporting limit)

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

10 Phthalate Content (U.S. 16 CFR Part 1307)

As per CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	CAS No.	Result (%)θ Tested component (1+2),(3+4+5), (6+7+8)	Reporting limit (%)	Limit (%)
Dibutyl phthalate (DBP)	84-74-2	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	0.01	0.1

The above limit was quoted according to U.S. 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

ND = Not detected(less than reporting limit)

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

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Component list:

(1) White coating on metal (surface of frame of white gate).
(2) Black coating on metal (surface of frame of black gate).
(3) Matte white plastic (joint of frame, cover of nut for big screw of white gate).
(4) Grey plastic (switch, button of handle of white gate).
(5) Semi-transparent soft plastic (cover of big screw of both gates).
(6) White plastic (cap of big screw of white gate).
(7) Matte black plastic (joint of frame, cover of nut for big screw of black gate).
(8) Light grey plastic (button, switch of handle of black gate).
(9) Silver color metal excluding coating (round tube of both gates).
(10) Silver color metal excluding coating (wide tube of both gates).
(11) Silver color metal excluding coating (wider tube of both gates).
(12) Silver color metal excluding coating (widest tube of both gates).
(13) Dull silver color metal (big flat head screw of joint of both gates).
(14) Dull silver color metal (small flat head screw of joint of both gates).
(15) Bright silver color metal (axle of door of both gates).
(16) Silver color/light blue treated metal (tension bolt of both gates).
(17) Silver color solder excluding coating (fastener of frame of both gates).
(18) Silver color metal (wrench of both gates).

****

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.*

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