

Test Report

Number: GZHH00591737

Applicant: ZHONGSHAN JINLANG DAILY PRODUCTS CO.,LTD
NO.18,BAOSHENG FIRST STREET,XIAOLAN
TOWN,ZHONGSHAN CITY,GUANGDONG PROVINCE,
CHINA.

Date: Sep 09, 2025

Attn: IRIS

Sample Description:

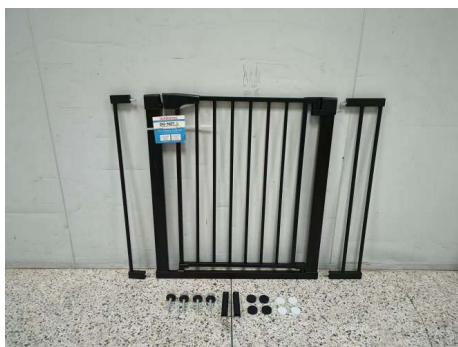
Two (2) pieces of submitted sample said to be :

Item Name : **Safety Gate**

Item No. : **BG-01**

Date Sample Received : Apr 18, 2025 & Aug 08, 2025 & Sep 09, 2025

Testing Period : Apr 18, 2025 to Sep 09, 2025



Tests conducted:

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

To be continued



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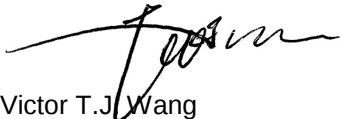
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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	ASTM F1004-23 - Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures	Pass
	16 CFR 1239 (Incorporating by reference ASTM F1004-22) - Safety Standard for Gates and Enclosures	Pass
	<u>Standard - U.S. CFR Title 16 (CPSC Regulations)</u> Physical and mechanical tests	Pass
	Part 1500.3(C)(6)(vi) flammability test on rigid and pliable solids	Pass
Tested component(s) of submitted samples	<u>Standard/Testing Item</u> U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and U.S. 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. 16 CFR Part 1303 total Lead content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for Total Lead content in substrate	Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines


Victor T.J. Wang
General Manager



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https://verifyindex.intertek.com.cn/home/index?id=hl_report_verify



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Tests Conducted

1 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	P
5.9	Paint and surface coating (16 CFR 1303)	P
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	P
6.2	Latching/Locking and hinge mechanisms	
6.2.1	Pressure-mounted gates	P
6.2.2	Unit with egress panels	P
6.3	Horizontal push-out	P



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Tests Conducted

Clause	Testing Items	Assessment
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
9	Instructional literature	P

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

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: 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



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Clause	Testing Items	Result
5.8	Labeling	P
5.9	Paint and surface coating (16 CFR 1303)	P
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	P
6.2	Latching/Locking and hinge mechanisms	
6.2.1	Pressure-mounted gates	P
6.2.2	Unit with egress panels	P
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
9	Instructional literature	P

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



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Tests Conducted

3 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

4 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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Tests Conducted

5 Phthalate Content (U.S. CPSIA Section 108(a) & (b)(3) and U.S. 16 CFR Part 1307)

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2	3+4+5	6+7+8	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	-	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and U.S. 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

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



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Tests Conducted

6 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.

Test Item	Result					Units	D.L.	Limit
	1+2	-	-	-	-			
Lead (Pb)	0.0014	-	-	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

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

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

7 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101(15 USC 1278a))

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.

Test Item	Result					Units	D.L.	Limit
	1+2	-	-	-	-			
Lead (Pb)	14	-	-	-	-	mg/kg	10	90

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. 16 CFR Part 1303 and U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for total Lead content in surface coating.

ppm = parts per million = mg/kg

ND = Not detected

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



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Tests Conducted

8 Total Lead (Pb) Content in Substrate (U.S. CPSIA Section 101(15 USC 1278a))

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 Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	3+4+5	6+7+8	9+10	11+12	13			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101(15 USC 1278a) for total Lead content in substrate.

ppm = parts per million = mg/kg

ND = Not detected

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



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Component List

No.	Test Component Description(s)
(1)	Matt black coating on metal (surface of frame of black style).
(2)	Bright white coating on metal (surface of frame of white style).
(3)	Bright black plastic (adjustable wheel of black style).
(4)	Bright white plastic (adjustable wheel of white style).
(5)	Semi-transparent soft plastic (pad of both styles).
(6)	Black plastic (connector, handle, buckle, end closure, cap of big screw of black style).
(7)	Dark white plastic (connector, handle, buckle, end closure, cap of big screw of white style).
(8)	Light grey plastic (button of both styles).
(9)	Silver color metal excluding coatings (frame of both styles).
(10)	Silver color metal (all screws of frame of both styles).
(11)	Silver-blue metal (connector rod of both styles).
(12)	Light silver-blue metal (big screw of both styles).
(13)	Silver color solder excluding coatings (joint of frame of both styles).

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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