

Test Report

Number: SHAH01662327

Applicant: DEYI CHILDREN PRODUCTS CO., LTD
BOTOU INDUSTRIAL ESTATE,
CHASHAN TOWN, DONGGUAN CITY,
GUANGDONG, CHINA, 523396
Attn: DAORONG ZHU

Date: 13 Mar, 2024

Sample Description:

One (1) group of submitted sample said to be :

Item Name : Swing Set
Item No. : 344-067V00MX
Quantity : 1

Tests Conducted:

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

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ASTM F1148-22 Standard Consumer Safety Performance Specification for Home Playground Equipment - Excluding 4.1.3 Lead in Paint	Pass See remark

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



Test Report

Number: SHAH01662327

Tests Conducted

STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR HOME PLAYGROUND EQUIPMENT

With reference to ASTM F1148-22 Standard Consumer Safety Performance Specification for Home Playground Equipment, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Set
Initial inspection: No any damage was found

Applicant's Specification:
-Age grade for testing: For ages 3 years and up
-Maximum load capacity of single user: 45kg
-Maximum total load capacity: 315kg

Executive Summary:

Clause	Test items	Verdict
1	Scope.	-
2	Referenced Documents.	-
3	Terminology	-
4	Materials and Manufacture	-
4.1	General	#1
4.1.3	Lead in Paint	NR
5	General Requirements	-
5.1	Applicable to All Home Playground Equipment	NA
5.2	Small part	NA
6	Performance Requirements	-
6.1	Head and Neck Entrapment	P
6.2	Acute Angles	P
6.3	Protrusions	P
6.4	Edges, Points, and Surfaces	P
6.5	Open Tubing	P
6.6	Crush and Shear Points	P
6.7	Holes and Slots	P
6.8	Hardware	P
6.9	Hooks	P
6.10	Hand Support: Hand Gripping/Grasping Components	P
7	Requirements for Access	-
7.1	Rung Ladders, Stepladders and Stairways	P
7.2	Handrails	P
7.3	Guardrails and Protective Barriers	NA
8	Equipment	-
8.1	Swings	P
8.1.1	To-fro	P
8.1.2	Hangers	P
8.1.3	Minimum Ground Clearance	P
8.1.4	Suspended Swinging Elements	P
8.1.5	Lawn Swings	NA
8.1.6	Pendulum See-Saws	NA
8.1.7	Toddler Swings	NA
8.1.8	Swing Set Stability	P
8.1.9	Spacing Between Adjacent Swing Elements	P
8.1.10	Spacing Between Swing Elements and Stationary Frame Members	P
8.1.11	Suspended Swinging Element Impact Attenuation Testing	P
8.2	Slides	-
8.2.1	Slide Requirements	P



Test Report

Number: SHAH01662327

Tests Conducted

Clause	Test items	Verdict
8.2.2	Stability of Free-Standing Slides	NA
8.2.3	Roller Slides	NA
8.3	Merry-Go-Rounds	NA
8.4	Ropes	NA
9	Equipment Layout	-
9.1	Play Structure Use Zone	#2
10	Installation	-
10.1	Installation Instructions and Information	P
11	Structural Integrity	-
11.1.1	Handholds, Footholds, and Horizontal Supporting Members	P
11.1.2	Top Support Bar	P
11.1.3	Individual Suspended Units	P
11.1.4	Slides	P
11.1.5	Rockers	NA
11.1.6	Merry-Go-Rounds	NA
11.1.7	Climbing Towers/Jungle Gyms	NA
11.1.8	Platforms	NA
11.1.9	Climbing Components	NA
12	Maintenance Instructions	P
13	Labeling and signage	P
14	Information	-
14.1	Information on Manufacturer or Distributor	P
14.2	Information on Playground Surfacing Materials	P
14.3	Operating Instructions	P
14.4	Lawn swings warning	NA
15	Keywords	-

Abbreviation: P=Pass; NA=Not Applicable; NR = Not Requested

Remark:

#1.The assessment of materials durability constructed was not verified in an outdoor setting. However, it's manufacturer responsibility to ensure the compliance during designing, treatment process and manufacturing.

#2.The compliance with ASTM F1292 was not verified because the Play Structure Use Zone could not be evaluated in laboratory environment. It would be evaluated at where the equipment is actually assembled on. However, a specific surfacing guideline which based on "SECTION 4 OF the United States Consumer Product Safety Commission's (USCPSC) Outdoor Home Playground Safety Handbook" was included in the instruction manual to specifying the selection and assembly guide for protective surfacing.



Test Report

Number: SHAH01662327

Tests Conducted



Submitted sample

Date Sample Received: Feb 28, 2024

Testing Period: Feb 28, 2024 to Mar 13, 2024

End of report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

This report shall not be reproduced except in full, without written approval of the laboratory.

