

Test Report

Number: SHAH01535635S1

Applicant: GUANGZHOU BEL BABY PRODUCT CO.,LIMITED
ROOM NO.1211,NORTH MALL,165TH
CENTRAL QIAOZHONG ROAD,LIWAN
DISTRICT,GUANGZHOU,CHINA
Attn: SUNNY

Date: Feb 02, 2023

*THIS IS TO SUPERSEDE REPORT
NO. SHAH01535635 DATED 19 Jan,
2023*

Sample Description:

One (1) group of submitted sample said to be :
Item Name : MULTIFUNCTION HIGH CHAIR
Item No. : HCY017
Age Group for testing : 6-36 m
Date Sample Received : 09 Jan, 2023
Testing Period : 09 Jan, 2023 To 18 Jan, 2023

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 samples	EN 16120:2012+A2:2016 Child use and care articles - Chair mounted seat Excluding Clause 6 Chemical hazards Clause 7 Thermal hazards	Pass
	BS EN 14988:2017+A1: 2020 – Children's high chairs Excluding Clause 6 Chemical hazards - Migration of certain elements Clause 7 Thermal hazards	Pass
	BS EN 17191: 2021 Children's Furniture – Seating for children – Safety requirements and test methods Excluding Clause 7 Chemicals requirements Clause 8 Fire and thermal hazards	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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Tests Conducted

1.CHAIR MOUNTED SEAT

With reference EN 16120:2012+A2:2016 Child use and care articles - Chair mounted seat, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found

Executive Summary:

Clause	Test items	Verdict
1	Scope	-
2	Normative references	-
3	Terms and definitions	-
4	Test equipment	-
5	General	-
6	Chemical hazards	NR
7	Thermal hazards	NR
8	Mechanical hazards	P
8.1	Hazards due to height adjustment or folding of the product	NA
8.2	Entrapment hazards	P
8.3	Hazards due to moving parts	P
8.4	Entanglement hazards	P
8.5	Choking and ingestion hazards	P
8.6	Suffocation hazards	NA
8.7	Hazardous edges, corners and protruding parts	P
8.8	Hazards from inadequate structural integrity	P
8.9	Hazards from falling	P
8.9.1	Chair attachment systems	P
8.9.2	Restraint system	P
8.9.3	Lateral protections	P
8.9.4	Hazards due to inadequate size	P
9	Product information	P (See Remark #1)
9.1	General	P (See Remark #1)
9.2	Marking of the product	P (See Remark #1)
9.3	Purchase information	P (See Remark #1)
9.4	Instruction for use	P (See Remark #1)

Abbreviation: **P**=Pass; **NA**=Not Applicable; **F**=Fail; **NC** = Not Conducted; **NR** = Not Requested

Remark:

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2.CHILDREN'S HIGH CHAIR

With reference to BS EN 14988:2017+A1: 2020 – Children's high chairs, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece(s)

Initial inspection: no any damage was found

Executive summary:

Clause	Test items	Verdict
1	Scope	-
2	Normative references	-
3	Terms and definitions	-
4	General	-
5	Test equipment	-
6	Chemical hazards - Migration of certain elements	NR
7	Thermal hazards	NR
8	Mechanical hazards	P
8.1	Hazards caused by folding of the product	NA
8.1.1	Requirements	NA
8.1.1.1	General	NA
8.1.1.2	Incomplete deployment	NA
8.1.1.3	Unintentional folding of the high chair	NA
8.1.1.4	Locking mechanism strength	NA
8.2	Hazards caused by height adjustment	NA
8.2.1	General	NA
8.2.2	Incomplete seat height adjustment	NA
8.2.3	Unintentional release of the seat height adjustment mechanism	NA
8.3	Entrapment hazards	P
8.3.1	Entrapment of fingers	P
8.3.2	Entrapment of head	P
8.4	Hazards caused by moving parts	P
8.4.1	Requirements on compression points	P
8.4.2	Requirements for shearing points	P
8.5	Entanglement hazards	P
8.6	Choking and ingestion hazards	P
8.7	Hazards caused by edges, corners and protruding parts	P
8.8	Strength and durability hazards	P
8.9	Hazards from falls out of the high chair	P
8.9.1	Restraint system	P
8.9.1.1	Requirements on restraint systems	P
8.9.1.1.1	General requirements	P
8.9.1.1.2	Requirements for high chairs with an active restraint system	P
8.9.1.1.3	Requirements for high chairs with a passive restraint system	NA
8.9.2	Lateral protection	P
8.9.2.1	General	P
8.9.2.2	Lateral protection length and height for high chairs fitted with an active restraint system	P
8.9.2.3	Lateral protection length and height for high chairs with a passive restraint system	NA
8.9.3	Back rest	P
8.10	Suffocation hazards	NA
8.11	Castors and wheels	NA
8.11.1	General requirements	N
8.11.2	Test methods	-
8.11.3	Requirements for parking device	NA
8.12	Stability	P

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Clause	Test items	Verdict
9	Marking and product information	P (See Remark #1)
9.1	General	P (See Remark #1)
9.2	Marking	P (See Remark #1)
9.3	Instructions for use	P (See Remark #1)
9.4	Purchase information	P (See Remark #1)

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3.Children's Furniture – Seating for children – Safety requirements and test methods

With reference to BS EN 17191: 2021 Children's Furniture – Seating for children – Safety requirements and test methods, the submitted sample was subjected to the following tests.

Number of sample tested: One (1) piece.

Seating size: Size 1.

Test level: Level 1.

Initial inspection: No visible defect was found.

Executive summary:

Clause	Test Items	Verdict
1	Scope	--
2	Normative references	--
3	Terms and definitions	--
4	General requirements and test conditions	--
5	Test equipment	--
6	General safety requirements	P
6.1	Hazards from glass	NA
6.2	Surfaces, edges, corners and points	P
6.3	Entrapment hazards	P
6.3.1	Finger entrapment hazards	P
6.3.2	Partially bound, V and irregular shaped openings	P
6.4	Hazards caused by folding of the seating	NA
6.4.1	Requirements	NA
6.4.1.1	General	NA
6.4.1.2	Incomplete deployment during the setting up	NA
6.4.1.3	Unintentional folding of the seating	NA
6.4.2	Automatic locking devices	NA
6.5	Hazards caused by deckchairs	NA
6.6	Hazard from moving parts	P
6.6.1	Shearing and compression hazards when setting up and folding	P
6.6.2	Shearing and compression points under influence of powered mechanism	NA
6.6.3	Shearing and compression points during use	P
6.7	Hazards from enclosure	NA
6.8	Entanglement hazards	P

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Clause	Test Items	Verdict
6.9	Choking and ingestion hazards	P
6.9.1	Requirements	P
6.9.2	Test methods	--
6.9.3	Filling material	P
6.9.3.1	Requirements	P
6.9.3.2	Removable seating covers	P
6.9.3.3	Test methods	--
6.9.4	Magnets	NA
6.10	Suffocation hazards	NA
7	Chemicals requirements	NR
8	Fire and thermal hazards	NR
9	Strength and durability requirements	See remark 1
10	Stability requirements	--
10.1	General	See remark 2
10.2	Alternative rearwards stability tests for rocking and reclining chairs	NA
10.2.1	Rocking chairs	NA
10.2.2	Reclining chairs	NA
10.2.3	Summary	--
11	Product information	P (See remark 3)
11.1	General	P (See remark 3)
11.2	Marking	P (See remark 3)
11.2.1	Requirements	P (See remark 3)
11.2.2	Durability of marking	P (See remark 3)
11.3	Purchase information	P (See remark 3)
11.4	Instructions for use	P (See remark 3)
11.4.1	General	P (See remark 3)
11.4.2	Warnings	P (See remark 3)
11.4.3	Additional information	P (See remark 3)

Abbreviation: P=Pass F=Fail NA=Not Applicable NC=Not Conducted

Remark:

1: Strength and durability tests

With reference to EN 1728: 2012 + AC: 2013 Furniture – Seating – Test Methods for the Determination of Strength and Durability, the submitted sample was subjected to the following tests.

Number of sample tested: One (1) piece.

Executive summary:

Clause	Test Items	Test Parameters	Test Level		Verdict
			1	2	
Seat and back static load test	EN 1728: 2012 + AC: 2013 clause 6.4	Seat force: N Back force: N Min Back force: N Cycles	750 200 170 10	1000 250 200 10	P
Seat front edge static load test	EN 1728: 2012 + AC: 2013 clause 6.5	Force, N Cycles	- -	1000 10	NA
Footrest static load test	EN 1728: 2012 + AC: 2013 clause 6.8	Force, N Cycles	750 10	1000 10	P

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Clause	Test Items	Test Parameters	Test Level		Verdict
			1	2	
Armrest downward static load test	EN 1728: 2012 + AC: 2013 clause 6.11	Force, N Cycles	250 10	350 10	P
Seat and back durability test	EN 1728: 2012 + AC: 2013 clause 6.17	Seat Force, N Back Force, N Cycles	- - -	750 250 10000	NA
Seat front edge durability test	EN 1728: 2012 + AC: 2013 clause 6.18	Force, N Cycles	- -	750 5000	NA
Armrest durability test	EN 1728: 2012 + AC: 2013 clause 6.20	Force, N Cycles	- -	200 5000	NA
Leg forward static load test	EN 1728: 2012 + AC: 2013 clause 6.15	Force, N Force, N (min) Seat load, N Cycles	180 100 300 10	300 150 750 10	P
Leg sideways static load test	EN 1728: 2012 + AC: 2013 clause 6.16	Force, N Force, N (min) Seat load, N Cycles	180 100 300 10	250 150 750 10	P
Seat impact test	EN 1728: 2012 + AC: 2013 clause 6.24	Drop height: mm Cycles	100 10	140 10	P
Back impact test	EN 1728: 2012 + AC: 2013 clause 6.25	Height of fall: mm Cycles	70 10	120 10	P

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2: Stability requirements

With reference to EN 1022: 2018 – Furniture – Seating – Determination of Stability, the submitted sample was subjected to the following tests.

Number of sample tested: One (1) piece.

Executive summary: (Before strength and durability tests)

Clause	Test Items	Test Parameters	Test Level		Assessment
			1	2	
Forward overturning	EN 1022: 2018 clause 7.3.1 and 7.3.2	Seat force, N Horizontal force, N	250 20	500 20	P
Corner stability	EN 1022: 2018 clause 7.3.3	Seat force, N	-	250	NA
Sideways stability without arms	EN 1022: 2018 clause 7.3.4	Seat force, N Horizontal force, N	250 20	500 20	NA
Sideways stability with armrests	EN 1022: 2018 clause 7.3.5	Arm force, N Seat force, N Horizontal force, N	150 110 20	300 210 20	P
Rearwards stability	EN 1022: 2018 clause 7.3.6	Seat force, N Back force, N	250 70	500 130	P

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Executive summary: (After strength and durability tests)

Clause	Test Items	Test Parameters	Test Level		Assessment
			1	2	
Forward overturning	EN 1022: 2018 clause 7.3.1 and 7.3.2	Seat force, N Horizontal force, N	250 20	500 20	P
Corner stability	EN 1022: 2018 clause 7.3.3	Seat force, N	-	250	NA
Sideways stability without arms	EN 1022: 2018 clause 7.3.4	Seat force, N Horizontal force, N	250 20	500 20	NA
Sideways stability with armrests	EN 1022: 2018 clause 7.3.5	Arm force, N Seat force, N Horizontal force, N	150 110 20	300 210 20	P
Rearwards stability	EN 1022: 2018 clause 7.3.6	Seat force, N Back force, N	250 70	500 130	P

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3: The evaluation or testing related to packaging or labeling is based on the artwork submitted by the applicant rather than on the actual sample of packaging or labeling.

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Picture 1: Sample as received



Picture 2: Sample as received



Picture 3: Sample as received

Date Sample Received: Jan.11, 2023

Testing Period: Jan.11, 2023 To Jan.19, 2023

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.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. 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 unless with prior written approval from Intertek Testing Services Shanghai Ltd.

To: GUANGZHOU BEL BABY PRODUCT CO.,LIMITED
Attention: SUNNY

Date: Feb 02, 2023

Re: Report Revision Notification

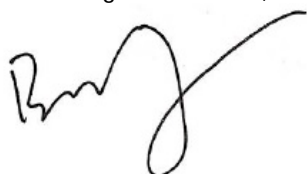
Intertek Testing Services Report Number SHAH01535635 Dated 19 Jan, 2023.

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number **SHAH01535635S1**.

Reason for report revision: Update age group for testing.

Thank you for your attention.

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager

