



Test Report

No.: SHHL24060300511P

Date: JUL. 15, 2024

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NINGBO BEIBEILE BABY PRODUCTS CO.,LTD
NO.62 INDUSTRY ROAD, ZHANGQI INDUSTRY DISTRICT,CIXI,ZHEJIANG, CHINA

Sample Description : LHX-003

Source of Sample : SENT BY CLIENT.

Sample Receiving Date : JUN. 05, 2024

1st Resubmitted Sample Date : JUN. 28, 2024

2nd Resubmitted Sample Date : JUL. 10, 2024

Testing Period : JUN. 05, 2024 TO JUL. 15, 2024

Testing Location : LANE 3999, XIUPU RD., PUDONG DISTRICT, SHANGHAI, CHINA

Test Requested	Result
EN 12221-1: 2008+A1: 2013 & EN 12221-2: 2008+A1: 2013 CHILD USE AND CARE ARTICLES — CHANGING UNITS FOR DOMESTIC USE PART 1: SAFETY REQUIREMENTS – EXCLUDING CLAUSE 4.2.2, CLAUSE 7, CLAUSE 8, CLAUSE 9; PART 2: TEST METHODS	Pass

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

Melody Zhang
Authorized Signatory



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Test Conducted:

EN 12221-1: 2008+A1: 2013 & EN 12221-2: 2008+A1: 2013 CHILD USE AND CARE ARTICLES — CHANGING UNITS FOR DOMESTIC USE PART 1: SAFETY REQUIREMENTS – EXCLUDING CLAUSE 4.2.2, CLAUSE 7, CLAUSE 8, CLAUSE 9; PART 2: TEST METHODS

Test Result: Details Shown as Following Table:

Clause	Test requirements/methods			Rating
4	General requirements			
4.1*	Dimensions The dimension of the changing area shall be at least as defined as follows:			Pass (Type 1)
	Changing unit type	Width	Length	
	1	380mm	650mm	
2	550mm	750mm		
4.2	4.2.1	Wood Wood, wood-based materials and materials of vegetable origin shall be free from decay and insect attack when checked in accordance with 5.1 of EN 12221-2:2008+A1:2013, 5.1.	N/A	
	4.2.2	Surfaces and materials Any coating of paint, varnish, lacquer or similar substances and parts consisting of dyed materials, leather, textiles, and plastics materials within the accessibility zone shall be made using products which in their soluble compound do not exceed the following amounts: Antimony : 60 mg/kg Arsenic : 25 mg/kg Barium : 1000 mg/kg Cadmium : 75 mg/kg Chromium : 60 mg/kg Lead : 90 mg/kg Mercury : 60 mg/kg Selenium : 500 mg/kg Where a surface is coated with a multi-layer paint or similar coating, the sample shall be taken down to the base material. The test procedure is defined in EN 71-3.	N/C	
5	Construction			
5.1	Holes, gaps and openings The following requirements shall apply before and after testing in accordance with EN 12221-2:2008+A1:2013, Clause 5.			Pass
5.1.1	Entrapment of fingers Within the accessibility zone there shall be no holes, gaps and openings with a width greater than 7 mm and less than 12 mm, unless the depth is less than 10 mm when measured in accordance with EN 12221-2:2008+A1:2013, 5.3.1.			Pass



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Clause	Test requirements/methods	Rating
5.1.2	Entrapment of limbs Within the accessibility zone there shall be no holes, gaps and openings having a width greater than 25 mm and smaller than 45 mm when measured in accordance with EN 12221-2:2008+A1:2013, 5.3.2.	Pass
5.1.3	Entrapment of head, neck and torso	
5.1.3.1	Within the accessibility zone there shall be no hole, gap or opening larger than 65 mm and less than 223 mm when measured in accordance with EN 12221-2:2008+A1:2013, 5.3.3.1 .	Pass
5.1.3.2	Within the area 600 mm above the floor to the accessibility zone, see Figure 2, there shall be no hole, gap or opening accessible in normal use that allows the type 1 head probe to pass completely through unless it also allows the type 2 head probe to pass completely through, when tested in accordance with EN 12221-2:2008+A1:2013, 5.3.3.2.	Pass
5.1.3.3	V-shaped openings Within the area 200 mm above the floor to the accessibility zone any hole, gap or opening accessible in normal use that allows the type 1 head probe to pass completely through shall not be a V-shaped opening as defined in 3.6 when tested in accordance with EN 12221-2:2008+A1:2013, 5.3.3.3.	Pass
5.1.4	Cords, strings and other narrow fabrics Cords, strings and other narrow fabrics (e.g. those used for ties) shall have a free length of not more than 220 mm when tested in accordance with EN 12221-2:2008+A1:2013, 5.3.4.	N/A
5.1.5	Loops Loops shall not have a peripheral dimension greater than 360 mm when tested in accordance with EN 12221-2:2008+A1:2013, 5.3.5.	N/A
5.2	Edges, points and corners Edges and protruding parts accessible in normal use shall be rounded or chamfered and free of burrs (see EN 12221-2:2008+A1:2013, 5.3.6). The upper edges of the barriers and the changing surface shall have a radius of not less than 2 mm.	Pass
5.3	Moving parts Changing board flaps are excluded from this requirement, as they are covered by 5.12. When the changing unit is erected ready for use the distance between two parts within the accessibility zone which move relative to each other shall always be less than 5 mm or more than 12 mm throughout the entire movement when tested in accordance with EN 12221-2:2008+A1:2013, 5.4.	Pass
5.4	Locking and folding mechanisms of the complete unit If the changing unit can be folded it shall not fold when tested in accordance with EN 12221-2:2008+A1:2013, 5.10. Locking and folding mechanisms shall function correctly before and after being tested in accordance with EN 12221-2:2008+A1:2013, 5.10. When the changing unit is erected ready for use, the locking mechanisms shall fulfil one of the following requirements:	N/A



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Clause	Test requirements/methods	Rating
	<p>a) require a minimum force of 50 N to release the folding mechanism before and after being tested according to EN 12221-2:2008+A1:2013, 5.10.2; or</p> <p>b) require at least two consecutive actions to release the mechanism, the operation of the second being dependent on the first having been carried out and maintained; or</p> <p>c) require at least two separate but simultaneous actions to release the mechanism, operating on different principles.</p> <p>Wall mounted changing units and changing board flaps are excluded from this requirement.</p>	
5.5	<p>Small detachable components Any small detachable component of the changing unit that can be detached when tested in accordance with EN 12221-2:2008+A1:2013, 5.5 shall not fit wholly in the cylinder described in EN 12221-2:2008+A1:2013, 4.10</p>	Pass
5.6	<p>Castors/wheels Castors/wheels shall not be fitted except in the arrangement, either</p> <ul style="list-style-type: none"> - two or more castors/wheels and at least two other support points; or - four or more castors/wheels, of which at least two can be locked <p>The locks shall prevent the castors/wheels from rolling and they shall not unlock when tested in accordance with EN 12221-2:2008+A1:2013, 5.12.</p>	Pass
5.7	<p>Self-tapping screws Self-tapping screws shall not be used to fasten any component that is designed to be removed or loosened when dismantling the changing units for purposes of transportation or storage. NOTE Self-tapping screws include wood screws, particleboard screws and alike.</p>	Pass
5.8	<p>Stability When tested in accordance with EN 12221-2:2008+A1:2013, 5.6, the changing unit shall not overturn and the maximum movement of any changing board flap shall be 10° from its closed position.</p>	Pass
5.9	<p>Strength When tested in accordance with EN 12221-2:2008+A1:2013, 5.7 the function of the changing unit shall be unimpaired.</p>	Pass
5.10	<p>Extension elements Extension elements located above the changing area shall be fitted with effective open stops.</p>	N/A
5.11*	<p>Barriers Barriers shall be provided as an integral part of the changing unit or by means of an additional item, e.g. barrier pad that can be affixed to the changing unit.</p> <p>a) if <i>w</i> is greater than <i>l</i> and greater than 600 mm then the changing area shall have barriers on three sides of the changing area covering at least 75 % of <i>l</i> (see Figure 3);</p> <p>b) if <i>l</i> is greater than <i>w</i> the changing area shall have barriers on two sides of the changing area covering at least 90% of <i>l</i> (see Figure 3).</p>	Pass



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Clause	Test requirements/methods	Rating
	Where w is the width of the changing area (see 4.1) and l is the length of the changing area (see 4.1). For wall-mounted units, the wall is to be considered as a barrier for this side. When tested in accordance with EN 12221-2:2008+A1:2013, 5.8, the barriers from the changing unit shall not become damaged or loosened, nor shall the test cylinder fall from the changing area.	
5.12	Changing board flap	
5.12.1	Impact test Where the changing unit has a flap, which allows for an additional function, for example access to a bath, it shall not close and the fittings, e.g. locking mechanisms, hinges etc. shall not be damaged when tested in accordance with EN 12221-2:2008+A1:2013, 5.9.1.	Pass
5.12.2	Drop test Where the changing unit has a flap, locking mechanisms, hinges etc. shall not be damaged and the changing unit shall function normally after testing in accordance with EN 12221-2:2008+A1:2013, 5.9.2.	Pass
5.13	Child bath tub After testing in accordance with EN 12221-2:2008+A1:2013, 5.11, no breakage or leakage shall be observed. The child bathtub and the changing unit shall remain intact and function normally.	Pass
6	Packaging Any plastics covering used as packaging for changing units or pads, if applicable, that does not fulfill the requirements laid down of EN71-1, shall be conspicuously marked with the following warning: – “TO AVOID DANGER OF SUFFOCATION REMOVE THIS PLASTIC COVER BEFORE USING THIS ARTICLE, THIS COVER SHOULD THEN BE DESTROYED OR KEPT AWAY FROM CHILDREN”. NOTE The statement may be expressed in different words providing they clearly convey the same information	N/A
7	Instructions for use	N/C
8	Marking	N/C
9	Purchase information	N/C

Note: N/A = Not applicable, N/C = Not conducted as per client's request.
Item with * means it passed at the first retest.

Remark:

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information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.

- 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.

Sample Photo:

Received sample (front view)



Received sample (side view)



SGS authenticate the photo on original report only

End of Report

