

Test Report

No.: SHHL2402006977IP

Date: MAY 16, 2024

Page: 1 of 16

HEBEI HOLLYFORD TOYS CO., LTD
 NORTH AND SOUTH SIDE OF XINGHE ROAD, HEGUMIAO TOWN, PINGXIANG COUNTY,
 XINGTAI CITY, HEBEI PROVINCE, CHINA

Sample Description : STROLLER \ CARRY COTS \ CAR SEAT
 Style No. : PC900 THREE IN ONE
 Item No. : PC900 THREE IN ONE
 SKU No. : PC900
 Manufacturer : HEBEI HOLLYFORD TOYS CO.,LTD
 Country of Origin : CHINA
 Country of Destination : EU

 Source of Sample : SENT BY CLIENT.
 Sample Receiving Date : FEB. 19, 2024
 1st Resubmitted Sample Date : MAR. 18, 2024
 2nd Resubmitted Sample Date : APR. 02, 2024
 3rd Resubmitted Sample Date : MAY 07, 2024
 Testing Period : FEB. 19, 2024 TO MAY 16, 2024
 Testing Location : LANE 3999, XIUPU RD., PUDONG DISTRICT, SHANGHAI, CHINA

Test Requested	Result
EN 1888-1: 2018+A1:2022 CHILD CARE ARTICLES-WHEELED CHILD CONVEYANCES – PART 1: PUSHCHAIRS AND PRAMS – EXCLUDING CLAUSE 6, CLAUSE 7 AND CLAUSE 10	Pass
EN 1888-2:2018+A1:2022 CHILD CARE ARTICLES - WHEELED CHILD CONVEYANCES - PART 2: PUSHCHAIRS FOR CHILDREN ABOVE 15 KG UP TO 22 KG - EXCLUDING CLAUSE 7	Pass

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

Melody Zhang



Melody Zhang
 Authorized Signatory



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Test Conducted:

EN 1888-1: 2018+A1:2022 CHILD CARE ARTICLES-WHEELED CHILD CONVEYANCES – PART 1: PUSHCHAIRS AND PRAMS – EXCLUDING CLAUSE 6, CLAUSE 7 AND CLAUSE 10

Age (or weight) range of use: 0 ~ 48 months
 Vehicle weight = 10.5 kg; Coating color: Black
 Front wheel diameter: 200 mm, Single wheel and Swiveling
 Rear wheel diameter: 250 mm, Single wheel
 The angle between backrest and seat of seat unit: 95.3°-156.4°
 Width of the waist straps: 25 mm, Width of the crotch strap: 25 mm; Width of the shoulder strap: 25 mm
 Parking devices: Linking; Footrest: Adjustable; Canopy: Adjustable
 Test Result: Details Shown as Following Table:

Clause	Test Requirement	Rating
6	<p>Chemical hazards A separate sample may be used for these tests. For <i>seat units</i> inside the <i>protected volume</i> defined in 4.5.1, the materials used for the surface of the seat and the parts located within the volume above the surface of the seat, shall comply with the migration of elements requirements of EN 71-3. For pram bodies and for car seats, the materials used for the inner upper surfaces that support the child and the inner surface of the sides and ends of the pram body, shall comply with the migration of elements requirements of EN 71-3. NOTE All the parts or components that are accessible to the mouth of the child when installed in accordance with the manufacturer’s instruction are covered by the above sentences (e.g. bumper bar, armrest, tray, child restraint system...).</p>	N/C
7	<p>Thermal hazards Fabrics shall not produce a surface flash when applying a flame as described in EN 71-2. A separate sample may be used for these tests.</p>	N/C
8	Mechanical hazards	
8.1	Protective function	
8.1.1	Suitability of vehicle	
8.1.1.1	<p>Vehicles intended for use from birth Vehicles intended for children from birth shall comprise one of the following: a) a <i>pram body</i> conforming to the requirements of 8.1.2; or b) a <i>seat unit</i> where the angle between the backrest and the seat (angle “1” in Figure 31) is capable of adjustment to an angle of 150° or more measured in accordance with 8.1.1.2.1 and conforming to 8.1.2: any parts, whose function is essential for complying to 8.1.2, shall not allow the test ball to fall from the <i>seat unit</i> when tested in accordance with 8.1.1.2.2. In this configuration, the <i>restraint system</i> shall be capable of being removed or hidden or covered in accordance with the manufacturer’s instructions to avoid any risk of strangulation; or</p>	PASS
		N/A



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Clause	Test Requirement	Rating
	c) a <i>seat unit</i> where the angle between the backrest and the seat (angle “1” in Figure 31) is capable of adjustment to an angle of 150° or more measured in accordance with 8.1.1.2.1 and equipped with a <i>restraint system</i> suitable from birth complying with 8.1.3;	PASS
	d) any “ <i>car seat</i> ” suitable from birth.	PASS
8.1.1.1.2	Vehicles intended for use from 6 months of age	
	Car seats are exempt from this clause.	N/A
	Vehicles intended for children from 6 months of age shall have a <i>restraint system</i> complying with the relevant requirements of 8.1.3.	N/A
	<i>Seat units</i> intended to be used from 6 months of age shall be marked with the warning in 10.2.5. The warning shall be visible during folding, unfolding or adjustment of the vehicle.	N/A
8.1.1.1.3	Seat units	
	Car seats are exempt from the requirements of this clause.	N/A
	When measured in accordance with 8.1.1.2.1:	
	— the angle (1) between the seat and the backrest (see Figure 30) shall not be less than 95°; and	PASS
	— the angle (2) between the seat and the horizontal (see Figure 30) shall not be less than 0°; and	PASS
	— the angle (3) between the backrest and the horizontal (see Figure 30) shall not be less than 0°.	PASS
	NOTE Angles below the horizontal line are considered to be less than 0°. The length of the backrest shall not be less than 380 mm. When tested in accordance with 8.1.1.2.1 the top of the backrest of the <i>seat unit</i> shall be equal to or higher than the top of part 2 of the angle measuring device.	PASS
8.1.2	Minimum internal height of pram body	
8.1.2.1	When measured in accordance with 8.1.2.2 the minimum internal height of the <i>pram body</i> side and end upper edges shall be: a) for a <i>pram body</i> having an internal length (“D” on Figure 32) of 800 mm or less: 1) internal height (“A” on Figure 32) shall not be less than 150 mm for at least 170 mm in both directions from the centre line of the length (“B” on Figure 32); and 2) at all other points on the sides and ends the internal height (“C” on Figure 32) shall be at least 100 mm;	N/A
	b) for a <i>pram body</i> having an internal length (“D” on Figure 32) greater than 800 mm: 1) internal height (“A” on Figure 32) shall not be less than 180 mm for at least 180 mm in both directions from the centre line of the length (“B” on Figure 32); and 2) at all other points on the sides and ends the internal height (“C” on Figure 32) shall be at least 130 mm.	PASS
8.1.3	Restraint system and fasteners	



Clause	Test Requirement	Rating
8.1.3.1.1	<p>Restraint system of seat units <i>The requirements in 8.1.3.1.1 do not apply to the restraint system of car seats.</i> <i>Seat units shall be fitted with a restraint system incorporating a crotch restraint for each position a child can occupy.</i> <i>The restraint system shall be designed so that it cannot be used without the crotch restraint.</i> <i>The restraint system shall be adjustable.</i> <i>Where straps are included in the restraint system they shall have a minimum width of 19 mm.</i> <i>All seat units shall be tested in accordance with 8.1.3.2.1 and test mass D (5.1.5) shall not completely fall out of the restraint system.</i> <i>Seat units designed for children under 6 months of age shall be tested in accordance with 8.1.3.2.1 and test mass D0 (5.1.6) shall not completely fall out of the restraint system.</i> NOTE Any partial movement of test mass D or D0 is not considered a failure. <i>When tested in accordance with 8.1.3.2.2 the attachment of the restraint system shall not break, deform, work loose or become torn/displaced and the seat unit shall remain in place without permanent damage.</i> <i>When tested in accordance with 8.1.3.2.3 in any orientation, fasteners shall not be released and shall not have suffered damage which impairs their normal operation and function.</i> <i>When tested in accordance with 8.1.3.2.4 the maximum slippage of adjusters shall be 20 mm.</i></p>	PASS
8.1.3.1.2	<p>Harness anchorage points <i>Pram bodies with an internal length greater than 800 mm (see 8.1.2.2) shall be fitted with two harness anchorage points for each position that a child can occupy. The harness anchorage points shall be located on each side of the base of a pram body within the zone indicated in Figure 33.</i> If provided, anchorage points for an additional harness fitted on <i>pram bodies</i> with an internal length less than 800 mm (see 8.1.2.2) shall be located on each side of the base of the <i>pram body</i> within the zone indicated in Figure 33. When tested in accordance with 8.1.3.2.5 the <i>harness anchorage points</i> shall continue to function as intended.</p>	PASS
8.2	Entrapment hazards	
8.2.1	<p>Holes and openings When testing in accordance with 8.2.1.2 there shall be no completely bounded openings in rigid materials within the <i>protected volume</i> that let the 7 mm probe go through unless the depth of penetration is less than 10 mm or unless the shape assessment probe enters. This requirement is not applicable to the <i>restraint system</i>. The size of the holes in mesh within the <i>protected volume</i> shall be less than 7 mm when measured in accordance with 8.2.1.2.</p>	PASS



Clause	Test Requirement	Rating
	There shall be no accessible holes or openings between rigid parts of the <i>footrest</i> having a width greater than 25 mm and smaller than 45 mm, when measured in accordance with 8.2.1.2. NOTE Illustrations of completely bounded openings are found in A.4.3, Entrapment hazards	PASS
8.2.2	Entrapment between the handle and the pram body This requirement is only applicable to <i>pram bodies</i> where the internal length is greater than 800 mm when measured in accordance with 8.1.2.2. When tested in accordance with 8.2.2.2 if the hip probe (5.2.2) passes through the gap between the handle and the <i>pram body</i> , the large head probe (5.2.3) shall also pass through.	PASS
	8.3 Hazards from moving parts	
8.3.1	The requirements shall be checked before and after the irregular surface test (8.10.3). These requirements do not apply to the <i>restraint system</i> .	PASS
	Within the <i>protected volume</i> there shall be no <i>shearing</i> or <i>crushing hazards</i> between rigid parts moving relative to each other, except while the vehicle is being erected for use or being folded or during adjustments of parts that are locked when in position for use.	
	Contact edges between parts moving relative to each other shall be rounded or chamfered in accordance with 8.7, unless the clearance is always less than 5 mm.	
8.3.2	Shearing hazards After the product is set up for normal use in accordance with the manufacturer's instructions, there shall be no accessible hazardous scissoring points within the protected volume, which can close to less than 12mm or into which the 12mm probe cannot enter when tested in accordance with 8.3.2.2. For hoods and any similar items such as canopies, sunshades... etc, the requirement is applicable to the space between the frame components and between any hood tensioner attached to them and the frame components, within a distance of 100 mm measured from the primary pivot point of the hood (see Figure 34, Annex D).	PASS
8.3.3	Crushing hazards, requirement After the product is set up for normal use in accordance with the manufacturer's instructions, there shall be no accessible hazardous compression point within the protected volume which can close to less than 12 mm unless the clearance is always less than 5 mm.	PASS
8.3.4	Wheels Any gaps in wheels within the <i>protected volume</i> shall be covered so that the 7 mm finger probe (5.2.1.1) does not enter unless the depth is less than 5 mm.	PASS
	The point of contact between a wheel and the ground shall not be within the <i>protected volume</i> .	
8.3.5	Locking mechanism(s)	
8.3.5.1	Folding system for storage or transportation	



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Clause	Test Requirement	Rating
8.3.5.1.1.1	<p>General requirements</p> <p>Vehicles that can be folded for storage or transportation where the <i>chassis</i> can fold with the <i>pram body</i> or <i>seat unit</i> attached, shall be fitted with one or more <i>locking mechanism(s)</i>. The <i>locking mechanism(s)</i> shall comply with the requirements in 8.3.5.1.1.2 and 8.3.5.1.1.3.</p> <p>Vehicles that can be folded for storage or transportation where the <i>chassis</i> can only fold when the <i>pram body</i> or <i>seat unit</i> has been removed, or vehicles that can only be folded after putting them in a position that clearly does not allow transportation of a child (e.g. overturn the vehicle) shall be fitted with a <i>locking mechanism(s)</i></p> <p>The function of any <i>operating device</i> shall not be impaired after being tested in accordance with 8.3.5.1.2.1.</p>	PASS
8.3.5.1.1.2	<p>Incomplete deployment</p> <p>To avoid the hazard due to incomplete deployment, there shall be at least two <i>locking devices</i> and at least one <i>locking device</i> shall engage automatically when the product is fully deployed for use.</p> <p>If the <i>locking device</i> is not visible without damaging the vehicle a second sample may be used.</p>	PASS



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Clause	Test Requirement	Rating
<p>8.3.5.1.1. 3</p>	<p>Unintentional release of locking mechanism(s) NOTE 1 guideline is given for the application of this subclause in Annex C. NOTE 2 The removal of a child is not considered as an operating action. To avoid the hazards due to unintentional release one of the following conditions shall be fulfilled: a) there shall be at least one <i>operating device</i> which fulfils the following: 1) the <i>operating device</i> shall require at least two consecutive actions, the second being dependent on the first having been carried out and maintained by the carer; and 2) the <i>operating device</i> shall not be activated or damaged in one single action during testing in accordance with 8.3.5.1.2.2; Or b) there shall be two separate and independent <i>operating devices</i> which fulfil one of the following: 1) where one or both operating device(s) are intended to be operated by foot (e.g. for its position, shape etc.) at least one of them shall automatically return to its original status and the locking device shall reengage when tested in accordance with 8.3.5.1.2.3; or 2) where both <i>operating devices</i> are intended to be operated by hand(s) (e.g. for their position, shape, according to the manufacturer's instructions for use, etc.) they shall both automatically return to their original status and the locking devices shall reengage when tested in accordance with 8.3.5.1.2.3. Or c) there shall be three or more separate and independent <i>operating devices</i>, at least one of which shall be located out of the protected volume or shall require a force of more than 50 N to be operated. During testing in accordance with 8.3.5.1.2.4 the vehicle shall not fold. After testing in accordance with 8.3.5.1.2.4 the vehicle and the <i>locking mechanisms</i> shall not be damaged and the vehicle shall still comply with the requirements of 8.2 and 8.7. When tested in accordance with: — irregular surface test (8.10.3); and — dynamic strength test (8.10.4); and — handle strength test (8.10.6); the vehicle shall not fold and the <i>locking device(s)</i> shall not be released.</p>	<p>PASS</p>
<p>8.3.5.2</p>	<p>Pushchairs with rotating seat units <i>Pushchairs</i> with rotating <i>seat units</i> on any axis shall be fitted with at least one automatic <i>locking device</i> to prevent inadvertent rotation.</p>	<p>N/A</p>
<p>8.3.5.3</p>	<p>Handle movement</p>	



Clause	Test Requirement	Rating
8.3.5.3.1	<p>Requirements for reversible handles</p> <p>Any <i>locking device(s)</i> for the <i>reversible handle</i> shall be positioned so that it is not possible to operate more than one device in a single action.</p> <p>To avoid the hazards due to inadvertent operation by the adult or operations by a child there shall be at least two <i>locking mechanisms</i>, which require:</p> <ul style="list-style-type: none"> a) two separate operations acting on two separate parts of the vehicle; or b) two consecutive actions, the first being maintained while the second is carried out. <p>To avoid the hazards due to an unlocked handle at least one of the <i>locking mechanisms</i> shall engage automatically when the handle is in position of use.</p> <p>When tested in accordance with:</p> <ul style="list-style-type: none"> — irregular surface test (8.10.3); and — dynamic strength test (8.10.4); and — handle strength test (8.10.6), <p>the <i>locking mechanism(s)</i> of the handle shall not be released.</p>	N/A
8.3.5.3.2	<p>Requirements for telescopic handles</p> <p>Telescopic handles shall be fitted with devices to avoid inadvertent separation or detachment during use.</p>	PASS
8.3.5.4	<p>Requirements for the attachment of pram body and seat unit and car seats to the chassis</p> <p>When the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> is attached to the <i>chassis</i> in accordance with the manufacturer's instructions, it shall be obvious to the carer that the <i>pram body</i>, <i>seat unit</i> or <i>car seat</i> is correctly placed and locked in position.</p> <p>To avoid the hazards due to unintentional detachment of the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i>, the weight of the child shall act against the detachment of the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> and one of the following requirements shall be fulfilled:</p> <ul style="list-style-type: none"> a) a minimum force of 50 N or a minimum torque of 0,34 Nm is required to release the attachment device attaching the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> to the <i>chassis</i>; or b) at least 2 consecutive actions are required to detach the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> or to release the attachment device, the first of which shall be maintained while the second is carried out; or c) at least 2 independent simultaneous actions are required to detach the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> or to release the attachment device; or d) more than two independent actions are required to detach the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i>. <p>This shall be assessed with and without the test mass in the product. The <i>pram body</i>, the <i>seat unit</i> or the <i>car seat</i> shall not fall under their own weight when all the attachment devices are disengaged.</p>	PASS
8.4	Entanglement hazards	



Clause	Test Requirement	Rating
8.4.1.1	General Free length and loops of the restraint system, bags and carrying handles of pram bodies are excluded from these requirements.	
8.4.1.2	Hazards from free lengths Cords, strings and other narrow fabrics that originate within the pram body, seat unit or car seat shall not have a free stretched length that exceeds a length of 220 mm, when measured in accordance with 8.4.2.1. Cords strings and other narrow fabrics that do not originate within the occupant space (4.7) but that can extend into the pram body, seat unit or car seat shall not have a free stretched length that exceeds a length of 220 mm within the pram body, seat unit or car seat, when measured in accordance with 8.4.2.1 only on the portion of the component that can extend into pram body, seat unit or car seat. Where cords, ribbons and other narrow fabrics are attached to the vehicle together or within 80 mm of each other, all single cords shall have a maximum free length of 220 mm and the combined length from one loose end to the end of another loose end shall be a maximum of 360 mm (see Figure 37).	N/A
8.4.1.3	Hazards from loops Cords, strings and other narrow fabrics that originate within the pram body, seat unit or car seat shall not create a loop that has a peripheral dimension exceeding 360 mm. Cords strings and other narrow fabrics that do not originate within the occupant space (4.7) but that can extend into the pram body, seat unit or car seat shall not create a loop where the small head probe (5.2.5) can enter when tested in accordance with 8.4.2.2, only on the portion of the component that can extend into pram body, seat unit or car seat.	N/A
8.5	Choking and ingestion hazards	
8.5.1***	When tested in accordance with 8.5.2.1 and 8.5.2.2 any component or part of a component within the <i>protected volume</i> that is removed, whether intended to be removed without the use of a tool or not, shall not fit entirely within the small parts cylinder (5.6) in any orientation without compression. Self-adhesive plastic labels shall not be used on the inside surfaces of a <i>pram body</i> or <i>seat unit</i> . When tested in accordance with 8.5.2.3 no filling, rubber, plastic, foam, etc. shall be detached from the bumper bar. If components indicate signs of detachment carry out tests in accordance with 8.5.2.1 and 8.5.2.2 at the position where the components show signs of detachment.	PASS
8.6	Suffocation hazards	
8.6.1	Internal lining of the pram body and seat unit Where the internal lining of a <i>pram body</i> or <i>seat unit</i> is made of plastic or of a plastic coated material it shall have a minimum thickness of 0,2 mm. Where the internal lining of a <i>pram body</i> or <i>seat unit</i> is made of a fabric not coated with plastic it shall be tensioned so as not to present any suffocation hazard to the child.	PASS



Clause	Test Requirement	Rating
8.6.2	<p>Plastic packaging Plastic bags and plastic sheeting used for packaging shall conform to one of the following requirements:</p> <p>a) bags made of flexible plastics with an opening perimeter greater than 360 mm used for external or internal packaging or plastic sheeting used for packaging, shall have an average sheet thickness of 0,038 mm or more when measured in accordance with EN 71-1 and shall not have a drawstring or cord as a means of closing; or</p> <p>b) bags made of perforated sheets or perforated plastic sheeting with an average thickness of less than 0,038 mm when measured in accordance with EN 71-1 and of an area greater than 100 mm × 100 mm shall be perforated with defined holes so that a minimum of 1 % of the area has been removed over any area of 30 mm × 30 mm; or</p> <p>c) any plastic covering used as packaging that does not fulfil the previous requirements shall be conspicuously marked in the official language (s) of the country where the vehicle is sold with a statement to indicate that any plastic cover should be removed, destroyed or kept away from children to avoid suffocation hazard.</p>	PASS
8.7	<p>Hazardous edges and protrusions All exposed edges, surfaces and protrusions within the vehicle's <i>protected volume</i> shall be rounded or chamfered and free from burrs and sharp edges. All other surfaces shall be free from burrs and sharp edges.</p>	PASS
8.8	Parking and braking devices	



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Clause	Test Requirement	Rating
8.8.1	<p>The vehicle shall be fitted with a <i>parking device</i>, the mechanism of which can be operated by the carer standing adjacent to the handle.</p> <p>If the <i>parking device</i> or its operating mechanism is within the <i>protected volume</i> it shall be designed so that it cannot be operated by the child sitting within the vehicle. This requirement is met if:</p> <p>a) a minimum force of 50 N or a minimum torque of 0,34 Nm is required to release the <i>parking device</i>; or</p> <p>b) at least 2 consecutive actions are required to release the <i>parking device</i>, the first of which shall be maintained while the second is carried out; or</p> <p>c) at least 2 independent simultaneous actions are required to release the <i>parking device</i>; or</p> <p>d) at least 3 independent actions are required to release the <i>parking device</i>.</p> <p><i>Parking devices</i> on vehicles with swivelling or steering front wheel(s) shall be engaged simultaneously on all rear or front wheels or sets of wheels with a single action.</p> <p>When tested in accordance with 8.8.2.2, 8.8.2.3 and 8.8.2.4 the vehicle shall remain static on the slope for a minimum of 1 min.</p> <p>The maximum movement of any one wheel or set of wheels shall be 90 mm when tested in accordance with 8.8.2.5. This requirement does not apply to vehicles where the <i>parking device</i> acts directly on the tyre(s) and <i>parking devices</i> where there is no gap between different positions.</p> <p>The <i>parking device</i> shall be tested in accordance with 8.8.2.2 to 8.8.2.5 both before and after undergoing the irregular surface test (8.10.3). For vehicles on which the parking device acts directly on the tyres, the abrasion conditioning (8.8.2.6) shall be performed after irregular surface test (8.10.3).</p> <p>If the vehicle has a <i>braking device</i> the carer shall be able to activate the <i>braking device</i> when walking.</p> <p>When <i>braking</i> and <i>parking devices</i> are combined in one mechanism, the action to activate the <i>braking device</i> shall be different from the action to activate the <i>parking device</i>. Braking action shall not activate the <i>parking device</i>.</p> <p>Any <i>integrated platform</i> shall not impede accessibility to the operating mechanism of the <i>parking device</i> or the <i>braking device</i>.</p>	PASS
8.9	Stability	
8.9.1	Stability of vehicle	
8.9.1.1	The vehicle shall not tip over when tested in accordance with 8.9.1.2. Any <i>pram</i> body or <i>seat unit</i> or <i>car seat</i> attachment device shall not become detached during the test.	PASS
8.9.2	Longitudinal stability of a pram body with carrying handles	
8.9.2.1	When tested in accordance with 8.9.2.2 the maximum angle of inclination of the <i>pram body</i> towards the head or foot shall be 10°.	PASS
8.10	Structural integrity	
8.10.1	Carrying handles and handle anchorage points of pram bodies and detachable seat units	



Clause	Test Requirement	Rating
8.10.1.1	<p>The attachment points or the top of the flexible handles' maintaining device shall be located in a position which is at least three quarters of the height of the <i>pram body</i>, measured on the outside from the base.</p> <p>When tested in accordance with 8.10.1.2 the anchorage points of the carrying handles of the <i>pram body</i> or of the detachable seat unit shall not break or be pulled out.</p> <p>The integrity of the anchorage points shall have been maintained.</p> <p>There shall be no permanent distortion or damage to any part of the <i>pram body</i> or of the detachable <i>seat unit</i>, or of the handles or points of attachment when these are tested in accordance with 8.10.1.2.</p>	PASS
8.10.2	Strength and durability of attachment devices for pram bodies or seat units or car seats	
8.10.2.1	<p>After testing in accordance with 8.10.2.2 the devices used to connect the <i>pram body</i> or the <i>seat unit</i> or <i>car seat</i> to the <i>chassis</i> shall not become disconnected, loosened or show signs of damage during or after test and the <i>pram body</i> or <i>seat unit</i> or <i>car seat</i> shall not become detached from the <i>chassis</i>.</p> <p>After testing in accordance with 8.10.2.2 any <i>carry cot</i> attached to a <i>seat unit</i> shall not become detached from the <i>seat unit</i>.</p>	PASS
8.10.3	Irregular surface test	
8.10.3.1*	<p>When tested in accordance with 8.10.3.2 there shall be no break or deformation of any part of the product that can impair the safety of the vehicle. Signs of wear shall not be regarded as a failure.</p> <p>The vehicle shall not collapse; the <i>locking mechanisms</i> and attachment devices shall still function as intended.</p> <p>The devices used to connect the <i>pram body</i> or the <i>seat unit</i> or <i>car seat</i> to the <i>chassis</i> shall not become disconnected, loosened or damaged during or after testing.</p> <p>After testing in accordance with 8.10.3.2 the vehicle shall still comply with the requirements of:</p> <ul style="list-style-type: none"> — 8.2 – entrapment hazards; — 8.3 – hazards from moving parts; — 8.8 – parking and braking device; and — 8.9 – stability. 	PASS
8.10.4	Dynamic strength	



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Clause	Test Requirement	Rating
8.10.4.1	When tested in accordance with 8.10.4.2 there shall be no visible damage to the vehicle. The vehicle shall not collapse; the <i>locking mechanisms</i> and attachment devices shall still function as intended. The devices used to attach the <i>pram</i> body or the <i>seat unit</i> or the <i>car seat</i> to the <i>chassis</i> shall not become detached, loosened or damaged during or after testing. After testing in accordance with 8.10.4.2 any <i>carry cot</i> attached to the <i>seat unit</i> shall not become detached from the <i>seat unit</i> . The <i>pram</i> body or the <i>seat unit</i> or the <i>car seat</i> shall not be displaced by more than 10 mm on the <i>chassis</i> after testing in each direction in accordance with 8.10.4.2. This requirement does not apply to soft <i>carry cots</i> attached to a <i>seat unit</i> or in a <i>pram</i> body.	PASS
8.10.5	Wheel strength After testing in accordance with 8.10.5.2 removable or fixed wheels shall remain attached to the axle and shall show no distortion that impairs the safety of the vehicle and the wheel assembly shall function as intended.	PASS
8.10.6*	Handle strength After testing in accordance with 8.10.6.2.2 there shall be no structural failure of the handle or any part of the vehicle that impairs its safety and the vehicle shall still conform to the requirements of 8.3.1.	PASS
	After testing in accordance with 8.10.6.2.3 adjustable or reversible handles or part of handles shall not be detached, any attachment point of the reversible handle shall not be released or broken.	
	During testing in accordance with 8.10.6.2.4 the end stops shall prevent the release of telescopic handles or part of the handle.	
9	Durability of marking Any permanent labels shall be rubbed with a cotton cloth moistened with water for 20 s. After rubbing the text shall still be clearly legible.	PASS
10	Product 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.

Item with *** means it passed at the third retest.



EN 1888-2:2018+A1:2022 CHILD CARE ARTICLES - WHEELED CHILD CONVEYANCES - PART 2: PUSHCHAIRS FOR CHILDREN ABOVE 15 KG UP TO 22 KG - EXCLUDING CLAUSE 7

Clause	Test Requirement	Rating
6	Mechanical hazards	
6.1	Restraint system	
6.1.1	Additional dimensional requirement The restraint system shall be adjustable to a 22 kg child. The condition is met if the waist and crotch restraint can be adjusted so that the test mass H fits the restraint system when tested in accordance with 6.1.2.	PASS
6.1.3	Attachment of the restraint system to seat unit Conduct the test in accordance with EN 1888-1:2018, 8.1.3.2.2, applying a 220 N force.	PASS
6.1.4	Strength of fasteners Conduct the test in accordance with EN 1888-1:2018, 8.1.3.2.3, applying a 250 N force.	PASS
6.2	Parking and braking devices The vehicle shall be tested in accordance with EN 1888-1:2018, 8.8. Repeat the test in EN 1888-1:2018, 8.8.2.2, 8.8.2.3, 8.8.2.4 and 8.8.2.5: using test mass H instead of the test mass B positioned as described in 8.8.2.1 with the requirements stated in EN 1888-1:2018, 8.8.1. The abrasion conditioning (EN 1888-1:2018, 8.8.2.6) shall be performed using test mass H for 33 000 additional cycles.	PASS
6.3	Stability The vehicle shall be tested in accordance with EN 1888-1:2018, 8.9. Repeat the test described in EN 1888-1:2018, 8.9.1.2 using test mass H instead of the test mass B with the requirements stated in EN 1888-1:2018, 8.9.1.1.	PASS
6.4	Structural integrity	
6.4.1	Strength and durability of attachment devices for seat units Carry out the test in accordance with EN 1888-1:2018, 8.10.2.2 using test mass H instead of test mass B with the requirements stated in EN 1888-1:2018, 8.10.2.1.	PASS
6.4.2*	Irregular surface test The irregular surface test (EN 1888-1:2018, 8.10.3.2) shall be performed using test mass H for 24 000 additional cycles with the requirements stated in EN 1888-1:2018, 8.10.3.1, the backrest placed in the most upright position, and in the forward facing direction if possible.	PASS
6.4.3	Dynamic strength Carry out the test described in EN 1888-1:2018, 8.10.4.2 using test mass H instead of the test mass B with the requirements stated in EN 1888-1:2018, 8.10.4.1, the backrest placed in the most upright position, and in the forward facing direction if possible.	PASS



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Clause	Test Requirement	Rating
6.4.4	<p>Handle strength</p> <p>The handle strength test (EN 1888-1:2018, 8.10.6.2.2) shall be performed using test mass H for 3300 additional cycles with the requirements stated in EN 1888-1:2018, 8.10.6.2.1.</p> <p>If the downwards force necessary to lift the front wheels exceeds 450 N when the test mass H is placed in the vehicle, carry out the additional 3 300 cycles by applying alternately a downwards 450 N force and an upwards force necessary to raise the rear wheels for 1 100 cycles at a frequency of (15 ± 2) cycles/min, then continue the test by only raising the rear wheels (120 ± 10) mm for additional 2 200 cycles at a frequency of (15 ± 2) cycles/min.</p> <p>The backrest shall be placed in the most upright position, and in the forward-facing direction if possible.</p>	PASS
7	Product information	N/C

Note: N/C= Not conducted (as per client's request).

Item with * means it passed at the first retest.

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. 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

