

Test Report

NUMBER : TSNH00329724

Applicant : XINGTAI OUKAI MACHINERY MANUFACTURING CO., LTD.
EAST OF ZHONGWEI VILLAGE, HEGUMIAO TOWN,
PINGXIANG COUNTY, XINGTAI CITY, HEBEI
PROVINCE.
Attn :Li Cheng

Mar 03,2020

Photo:



To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.



David Zhang
Senior Manager



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Sample Description:

One (1) submitted sample said to be
Item Name : BABY STROLLER

Tests Conducted:

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

Conclusion:

<u>Tested Samples/ Components</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	EN 1888-1:2018 - Child use and care articles - Wheeled Child Conveyances – Part 1: Pushchairs and prams (excluding clause 9: durability of marking & clause 10: product information)	Pass
(1),(2),(3),(4),(5),(6), (7),(8)&(9)	EN 1888-1:2018 – on Chemical hazards	Pass
Submitted Sample	EN71-2 : 2011+A1:2014 Flammability test	Pass

Remark :

The submitted sample was not a toy and was not subjected to the scope of the European standard of toys EN71. However, as requested by the applicant, the submitted sample was assessed under the requirement of EN71 part 2, and the result met the requirement of the standard.

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1. WHEELED CHILD CONVEYANCES-SAFETY REQUIREMENTS AND TEST METHODS

With reference to EN 1888-1: 2018-Child use and care articles - Wheeled child conveyances - Part 1: Pushchairs and prams, 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
6	Chemical hazards	P
7	Thermal hazards	P
8	Mechanical hazards	-
8.1	Protective function	-
8.1.1	Suitability of vehicle	-
8.1.1.1.1	Vehicles intended for use from birth	P
8.1.1.1.2	Vehicles intended for use from 6 months of age	NA
8.1.1.1.3	Seat units	P
8.1.2	Minimum internal height of pram body	NA
8.1.3	Restraint system and fasteners	-
8.1.3.1.1	Restraint system of seat unit	P
8.1.3.1.2	Harness anchorage points	NA
8.2	Entrapment hazards	-
8.2.1	Holes and openings	P
8.2.2	Entrapment between the handle and the pram body	NA
8.3	Hazards from moving parts	-
8.3.1	General	P
8.3.2	Shearing hazards	P
8.3.3	Crushing hazards	P
8.3.4	Wheels	P
8.3.5	Locking mechanism(s)	-
8.3.5.1	Folding system for storage or transportation	-
8.3.5.1.1.1	General requirements	P
8.3.5.1.1.2	Incomplete deployment	P
8.3.5.1.1.3	Unintentional release of locking mechanism(s)	P
8.3.5.2	Pushchairs with rotating seat units	NA
8.3.5.3	Handle movement	-
8.3.5.3.1	Requirements for reversible handles	NA
8.3.5.3.2	Requirements for telescopic handles	NA
8.3.5.4	Requirements for the attachment of pram body and seat unit and car seats to the chassis	P
8.4	Entanglement hazards	NA
8.5	Choking and ingestion hazards	P
8.6	Suffocation hazards	-
8.6.1	Internal lining of the pram body and seat unit	P
8.6.2	Plastic packaging	NA
8.7	Hazardous edges and protrusions	P
8.8	Parking and braking devices	P
8.9	Stability	-
8.9.1	Stability of vehicle	P
8.9.2	Longitudinal stability of a pram body with carrying handles	NA
8.9.3	Stability hazards due to the position of swivelling wheels	P
8.10	Structural integrity	-

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8.10.1	Carrying handles and handle anchorage points of pram bodies and detachable seat units	NA
8.10.2	Strength and durability of attachment devices for pram bodies or seat units or car seats	P
8.10.3	Irregular surface test	P
8.10.4	Dynamic strength	P
8.10.5	Wheel strength	P
8.10.6	Handle strength	P
9	Durability of marking	NR
10	Product information	NR

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

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2. 19 Toxic Elements Migration Test

As per EN 1888-1:2018 clause 6, with reference to EN 71-3:2013+A3:2018 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry

Element	Result (mg/kg)				Limit (mg/kg)
	(1)	(2)	(3)	(4)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	20	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin **	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)					Limit (mg/kg)
	(5)	(6)	(7)	(8)	(9)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	120	13	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin **	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000

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Remark: mg/kg = Milligram per kilogram based on dry weight of sample

++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

- Organic tin test result was expressed as tributyl tin.
Unless specified, test results of Chromium (III), Chromium (VI) and Organic tin were derived from migration results of total chromium and tin respectively.
- Migration of Chromium (III) = Migration of total Chromium – Migration of Chromium(VI), when performed confirmation test for Chromium (VI)

= Confirmation of Chromium (VI) test was performed on the tested component.

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3. Flammability Test

As per European Standard on Safety of Toys EN71-2:2011+A1:2014

Clause	Testing items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark : P = Pass;NA = Not applicable

Components list:

- (1) Black fabric (seat)
- (2) Black leatherette (bumper)
- (3) Red plastic (seatbelt)
- (4) Black plastic (seatbelt)
- (5) Black fabric (seatbelt)
- (6) Black plastic (frame)
- (7) Black fabric (zipper)
- (8) Black plastic (zipper teeth)
- (9) Black coating (zipper head)

Date sample received: Nov 30,2019

Testing period: Nov 30,2019 To Mar 03,2020

End of report

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