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**Client:** HAPE INTERNATIONAL (NINGBO) LTD.  
9-27Nanhai Road, Dagang industrial City, Beilun, Ningbo, China

**Test item(s):** Toy

**Identification/** Grow-with-me Rocking Horse

**Model No(s):** E0100,E0100B

**Sample Receiving date:** 2017-09-20

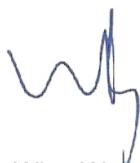
**Testing Period:** 2017-09-20 - 2017-10-10

<b>Test Specification:</b>	<b>Test result:</b>
1. ASTM F963-17: Mechanical and physical	PASS
2. ASTM F963-17: Flammability on solids and soft toys	PASS
3. CPSIA Sect 103: Tracking label	PASS
4. ASTM F963-16 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal	PASS
5. ASTM F963-16 Sect. 4.3.5.1 and CPSIA Sect. 101: Total lead content in paint and coating materials	PASS
6. ASTM F963-16 Sect. 4.3.5.2 and CPSIA Sect. 101: Total lead content in substrate materials	PASS

**Other information:**

Country of Origin: CHINA  
Packaging provided: Artwork  
The provided age grade of the item: Over 10 months.  
The appropriate age grade of the item: Over 10 months.  
The item was tested over 10 months.

For and on behalf of  
TÜV Rheinland (Shanghai) Co., Ltd.



2018-01-08 Wice Wang / Department Manager

*Date Name/Position*

*Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

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**Material List:**
Item: Grow-with-me Rocking Horse  
E0100,E0100B

Material No.	Material	Color	Location	Remark
M001	Whole Product	Multi-color	E0100,E0100B	
M002	Wood	Nature	Plywood	
M003	Coating	Red	On wood	
M004	Textile	Red	Main fabric, back cushion	
M005	Textile	Red	Tape, back cushion	
M006	Plastic + Textile	Red	Velcro	
M007	Plastic	Black	TPE eye, soft plastic	
M008	Plastic	Black	ABS eye(base)	
M009	Coating	Brown	On wood	
M010	Coating	Transparent	On wood	Refer to 0154253354/M008
M012	Coating	Brown/Transparent	On wood	
M013	Metal	Metallic	Y/H screw	
M014	Metal	Silver	Hex screw	
M015	Metal	Silver	Big nail	

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**1.ASTM F963-17: Mechanical and physical**
**Test result:**

Test No:	T001
Material No:	M001
<b>4. Safety requirements</b>	
4.1 Material Quality (visual check)	PASS
4.3.7 Stuffing materials	PASS
4.6 Small objects	PASS
4.7 Accessible edges	PASS
4.9 Accessible points	PASS
4.11 Nails and fasteners	PASS
4.14 Cords, straps, and elastics	PASS
4.15 Stability and over-load requirements	PASS
4.27 Stuffed and beanbag-type toys	PASS
<b>5. Labeling requirements</b>	
5.8 Toys intended to be assembled by an adult	PASS
5.16 Promotional materials	PASS
<b>6. Instructional literature</b>	
6.1 Definition and description	PASS
6.4 Toys intended to be assembled by an adult	PASS
<b>7. Producer's markings</b>	
7.1 Name and address of the producer or the distributor	PASS

**Use and Abuse Tests:**

The submitted samples were undergone the use and abuse tests in accordance with FHSA 16 CFR and whichever is applicable the tested age grade.

Age Category	Impact Test	Flexure Test	Torque Test	Tension Test	Compression Test
0-18 Months 16 CFR 1500.51	10 x 4.5 ft	120 Arc 30 Cycles 10 lbs	2 in-lbs	10 lbs	20 lbs
19-36 Months 16 CFR 1500.52	4 x 3 ft	120 Arc 30 Cycles 15 lbs	3 in-lbs	15 lbs	25 lbs
37-96 Months 16 CFR 1500.53	4 x 3 ft	120 Arc 30 Cycles 15 lbs	4 in-lbs	15 lbs	30 lbs

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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**2.ASTM F963-17: Flammability on solids and soft toys****Test result:**

	Test No:	T001
	Material No:	M001
<b>4.2 Flammability on solids and soft toys</b>		PASS

The burning rate of the most severe part = 0.08 Inch/sec.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

**Abbreviation:** DNI = Did Not Ignite / IBE = Ignite But Self-extinguish

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**3.CPSIA Sect 103: Tracking label**

**Test Result:**

	Test No:	T001
	Material No:	M001
Present On Packaging		PASS
Present On Product		PASS

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**4.ASTM F963-16 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal**

Test Method: For paint and similar surface-coating materials: ASTM F963-16 Section 8.3.2 - 8.3.4 Method to Dissolve Soluble Matter for Surface Coatings, Preparation of Test Samples and Test Procedures

For substrate: ASTM F963-16 Section 8.3.5 Soluble Element Test Method for Substrate Materials

This requirement applies to the coating and substrate materials which the sample weight is greater than 10 mg

**Test Result:**

Test No.	Material No.	[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay							
		60	25	1000	75	60	90	60	500
		Maximum Permissible Limit of Modelling Clay							
		60	25	250	50	25	90	25	500
RL									
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T001	M002(*2)	n.d.	n.d.	2.7	n.d.	n.d.	n.d.	n.d.	n.d.
T002	M003	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T003	M004	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T004	M005(*2)	n.d.	n.d.	3.6	n.d.	n.d.	n.d.	n.d.	n.d.
T005	M006	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T006	M007	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T007	M008	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T008	M010	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

**Abbreviation:** n.d. = Not Detected (< RL)  
RL = Reporting Limit  
mg/kg = milligram per kilogram

**Remark:**

- \*1 The weight of test portion M009 available was less than 10 mg, the test for soluble heavy metal content was not performed.
- \*2 The material is deemed comply with the requirement of ASTM F963-16 cl. 8.3.4.3 after analytical correction.

**Analytical Correction**

Element	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (in %)	60	60	30	30	30	30	50	60

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**5.ASTM F963-16 Sect. 4.3.5.1 and CPSIA Sect. 101: Total lead content in paint and coating materials**

Test Method: CPSC-CH-E1003-09.1 (Microwave method)

**Test result**

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M003	Lead Content	ppm	10	90	n.d.
T002	M012	Lead Content	ppm	10	90	n.d.

**Abbreviation:** n.d. = Not Detected (< RL)  
 RL = Reporting Limit  
 ppm = parts per million

**Remark:**

\* 1 Requirement according to Consumer Product Safety Improvement Act 2008 Public Law 110-314, section 101, is summarized below:

Effective Date	<b>Maximum Permissible Limit</b> Lead in paint and similar surface coating
1 year after enactment/ 14 Aug 2009	90 ppm

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**6.ASTM F963-16 Sect. 4.3.5.2 and CPSIA Sect. 101: Total lead content in substrate materials**

Test Method: CPSC-CH-E1001-08.3 and CPSC-CH-E1002-08.3 (Microwave method)

**Test result**

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002	Lead Content	ppm	10	100	n.d.
T002	M006	Lead Content	ppm	10	100	n.d.
T003	M007	Lead Content	ppm	10	100	n.d.
T004	M008	Lead Content	ppm	10	100	n.d.
T005	M013	Lead Content	ppm	10	100	n.d.
T006	M014	Lead Content	ppm	10	100	n.d.
T007	M015	Lead Content	ppm	10	100	n.d.

**Abbreviation:** n.d. = Not Detected (< RL)  
 RL = Reporting Limit  
 ppm = parts per million

**Remark:**

\*1 Requirement according to Consumer Product Safety Improvement Act 2008 Public Law 110-314, section 101, is summarized below:

Effective Date	<b>Maximum Permissible Limit</b> Lead in accessible substrate materials
180 days after enactment/10 Feb 2009	600 ppm
1 year after enactment/14 Aug 2009	300 ppm
3 years after enactment/14 Aug 2011	100 ppm



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Sample Photo



E0100.E0100B

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