Report No.: 0154210725b 001

Client: **BELEDUC LERNSPIELWAREN GMBH**

Heinrich-Heine-Weg 2 09526 Olbernhau Germany

Test item(s): Toy

Identification/ Model No(s): Refer to detail list

Sample Receiving date: 2016-11-22

Testing Period: 2016-11-22 - 2016-12-07

Test Specification:	*Test result:*
1. ANSI Z315.1-2012: Mechanical and physical	PASS
2. ANSI Z315.1-2012: Flammability	PASS
3. CPSIA Sect 103: Tracking label	PASS
4. ANSI Z315.1-2012: Sect. 4.1.1, Soluble heavy metal in surfacing coatings	PASS
5. ANSI Z315.1-2012: Sect. 4.1.1, Total lead content in paint and coating materials	PASS
6. ANSI Z315.1-2012: Sect. 4.1.1.1, Total lead content in substrate materials	PASS

Other information:

Packaging provided: Yes
The provided age grade of the item: For 4 to 6 years.
The appropriate age grade of the item: For 4 to 6 years.
The item was tested for 4 to 6 years.

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

2016-12-12 Wice Wang / Section 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.

Hape Item	Beleduc Code	Hape Item No	Other item No in report	Description (EN)	Age group
			64081,B64081		
			64082,B64082		
T71700	64080	B64080	64083,B64083	TT Express Trike	4Y~6Y
			64085,B64085		
			64089,B64089		

Material List:

Item: Refer to detail list

Material No.	Material	Color	Location	Remark
M001	Whole Product	Multi-color	B64080	
M002	Coating	Orange	On metal	Refer to 0154209065/M002
M003	Plastic	Black	TPE grip	Refer to 0154209065/M003
M004	Plastic	Black	EVA tyre	Refer to 0154209065/M005
M005	Plastic	Lt.orange	PP grip	Refer to 0154209065/M004
M006	Plastic	Orange	PP wheel	Refer to 0154209065/M006
M007	Plastic	Black	PA fixed part	Refer to 0154209065/M007
M008	Plastic + printing + adhesive	Transparent/Black	Sticker	Refer to 0154209065/M008
M009	Wood + coating	Black	Board	Refer to 0154209768/M002
M010	Plastic	Black	PP pedal	Refer to 0154209109/M002
M011	Plastic	Orange	TPE pedal	Refer to 0154209109/M003
M012	Plastic	Black	HDPE seat	Refer to 0154209065/M009
M013	Plastic	Black	PVC plug, seat	Refer to 0154209065/M010
M014	Coating	BL Blue	On metal	Refer to 0154209065/M011
M015	Coating	Red	On metal	Refer to 0154209065/M012
M016	Plastic	Traffic red	PP grip	Refer to 0154209065/M013

M017	Plastic	Red	PP wheel/pedal	Refer to 0154209065/M014
M018	Paper + printing + adhesive	White/Black	Sticker on bottom	Refer to 0154209768/M003
M019	Metal	Silver	Bearing	Refer to 0154209109/M017
M020	Metal	Black	45#(electrophoresis black)	Refer to 0154209065/M016
M021	Metal	Silver	45#(Cr plated)	Refer to 0154209065/M015
M022	Metal	Silver	Body frame-Q235	Refer to 0154209065/M017
M023	Metal	Silver	Stainless steel	Refer to 0154209065/M018
M024	Metal	Black	Cast iron(electrophoresis black)	Refer to 0154209065/M019
M025	Coating	Blue	On metal	Refer to 0154209065/M020

Test Report No.: 0154210725b 001

1. ANSI Z315.1-2012: Mechanical and physical

Test Result:

Test No.	T001
Material No.	M001
4 Performance	
4.2 Strength and mechanical integrity	PASS
4.3 Product limitations	PASS
4.4 Sharp points, sharp edges, protrusions, pinch points, and small parts	PASS
4.5 Stability requirements	PASS
4.6 Components	PASS
7 Safety and other consumer information	
7.1 Tracking labeling	PASS
7.2 Product labeling	PASS
7.3 Packaging	PASS
7.4 Instructions	PASS

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

Remark:

2. ANSI Z315.1-2012: Flammability

Test Result:

Test No.	T001
Material No.	M001
4.1.2 Flammability	PASS

The burning rate of the most severe part = DNI

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

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

3.CPSIA Sect 103: Tracking label

Test Result:

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

4. ANSI Z315.1-2012: Sect. 4.1.1, Soluble heavy metal in surfacing coatings

Test Method: For paint and similar surface-coating materials: ASTM F963-11 Section 8.3.2 Method to Dissolve Soluble Matter for Surface Coatings

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

ASTM F963-11 4.3.5.2	**Soluble heavy metals**	PASS

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 (*1)	n.d.	n.d.	66.1	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	n.d.	n.d.	n.d.	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.

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
T008	M009 (*1)	n.d.	n.d.	2.6	n.d.	n.d.	n.d.	n.d.	n.d.
T009	M010	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T010	M011	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T011	M012	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T012	M013	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T013	M014 (*1)	n.d.	n.d.	15.5	n.d.	n.d.	n.d.	n.d.	n.d.
T014	M015 (*1)	n.d.	n.d.	66.4	n.d.	n.d.	n.d.	n.d.	n.d.
T015	M016	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T016	M017	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

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
T017	M018 (*1)	n.d.	n.d.	6.4	n.d.	n.d.	n.d.	n.d.	n.d.
T018	M025 (*1)	n.d.	n.d.	12.9	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 material is deemed comply with the requirement of ANSI Z315.1-2012 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*

5. ANSI Z315.1-2012: Sect. 4.1.1, Total lead content in paint and coating materials

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

Test Result:

CPSIA Sect. 101	**Total lead content in paint and coating materials**	**PASS**

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002	Lead Content	ppm	10	90	n.d.
T002	M014	Lead Content	ppm	10	90	n.d.
T003	M015	Lead Content	ppm	10	90	n.d.
T004	M025	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	**Maximum Permissible Limit** Lead in paint and similar surface coating
1 year after enactment/ 14 Aug 2009	90 ppm

6. ANSI Z315.1-2012: Sect. 4.1.1.1, Total lead content in substrate materials

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

Test Result:

CPSIA Sect. 101	**Total lead content in substrate materials**	**PASS**

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M003	Lead Content	ppm	10	100	n.d.
T002	M004	Lead Content	ppm	10	100	n.d.
T003	M005	Lead Content	ppm	10	100	n.d.
T004	M006	Lead Content	ppm	10	100	n.d.
T005	M007	Lead Content	ppm	10	100	n.d.
T006	M008	Lead Content	ppm	10	100	n.d.
T007	M009	Lead Content	ppm	10	100	n.d.
T008	M010	Lead Content	ppm	10	100	n.d.
T009	M011	Lead Content	ppm	10	100	n.d.
T010	M012	Lead Content	ppm	10	100	n.d.
T011	M013	Lead Content	ppm	10	100	n.d.
T012	M016	Lead Content	ppm	10	100	n.d.
T013	M017	Lead Content	ppm	10	100	n.d.
T014	M018	Lead Content	ppm	10	100	n.d.
T015	M019	Lead Content	ppm	10	100	n.d.
T016	M020	Lead Content	ppm	10	100	n.d.
T017	M021	Lead Content	ppm	10	100	n.d.
T018	M022	Lead Content	ppm	10	100	n.d.
T019	M023	Lead Content	ppm	10	100	n.d.
T020	M024	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	**Maximum Permissible Limit** 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

Test Report No.: 0154210725b 001

Sample Photos







- END -