



**Test Report**

Number: GZHH00170099

Date: Mar 12, 2015

**Sample Description:**

One (1) set of submitted sample said to be :  
Item Name : **Engineering Vehicle Series**  
Applicant Specified Age :  
Grading for Testing : **3+**  
Country of Origin : **China**

**Tests conducted:**

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

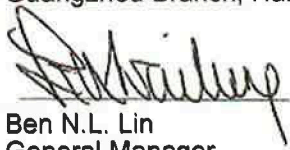
**Conclusion:**

<u>Tested Samples</u>	<u>Test Item</u>	<u>Result</u>
Tested components of submitted sample set	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC)	Pass
	Other phthalate content	See Test Conducted

**Remark:**

No samples are submitted for testing. All test results stated in the test report was referred to our test report GZHH00169563. Dated on Mar 02, 2015

Authorized by:  
For Intertek Testing Services Shenzhen Ltd.  
Guangzhou Branch, Hardlines

  
Ben N.L. Lin  
General Manager



Tests Conducted

1 Phthalate Content Test

With reference to EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

(A) EEC Regulated Phthalates

	Result(%)	MDL	Limit
	(1/2/3)	(%)	(%)
Di-n-butyl phthalate (DBP)	ND	0.01	-----
Butyl benzyl phthalate (BBP)	ND	0.01	-----
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.01	-----
Di-n-octyl phthalate (DNOP)	ND	0.01	-----
Di-iso-nonyl phthalate (DINP)	ND	0.01	-----
Di-iso-decyl phthalate (DIDP)	ND	0.01	-----
Sum of three phthalates (DBP/BBP/DEHP)	ND	-----	0.1
Sum of three phthalates (DINP/DNOP/DIDP)	ND	-----	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009(formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

(B) Other Phthalate

	Result(%)	MDL
	(1/2/3)	(%)
Di-(iso-butyl) phthalate (DIBP)	ND	0.01
Di-pentyl phthalate (DPP/DnPP)	ND	0.01
Di-n-hexyl phthalate (DnHP)	ND	0.01
Bis(2-methoxyethyl)phthalate (DMEP/BMEP)	ND	0.01
1,2-Benzenedicarboxylic acid,dipentylester, branched and linear	ND	0.01
N-pentyl-Isopentyl phthalate (PIPP)	ND	0.01
Di-iso-pentyl phthalate (DIPP)	ND	0.01
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	ND	0.01
1,2-Benzenedicarboxylic acid,di-C7-11-branched and linear alkyl esters	ND	0.01
1,2-Benzenedicarboxylic acid,dihexyl ester branched and linear	ND	0.01

ND = Not detected

Tested Components:

- (1) Black plastic (strap).
- (2) Black plastic (pole).
- (3) Grey plastic (body).

Date Sample Received: Feb 17, 2015

Testing Period: Feb 17, 2015 to Feb 28, 2015

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Tests Conducted

Appendix

Reference No.

637311、637312、637314、795517、259910、259911、795510、759911、  
MH5104074、MH5104067、MH5104068、MH5104080、MH510081、  
MH5104084、MH5104085、MH5104086、MH51040176、MH5104175、  
MH5104098、MH5104097、MH5104096、MH5104083、MH5104082、  
MH5104078、MH5104077、MH5104073、MH5104074、MH5104072、  
MH5104182、MH5104188、9998-1/2/3、9998-4/5/6、9998-7/8/9、9998-  
10/11/12、9998-13/14/15、9998-16/17/18、9998-19/20/21、9998-22/23/24、  
8188-1/2/3/4/5/6、8188-7/8/9/10/11/12、8188-13/14/15/16/17/18、8088-  
1/2/3/4/5/6、8088-7/8/9/10/11/12、8088-13/14/15/16/17/18、7988-  
1/2/3/4/5/6/7/8、7988-10/11/12/13/14/15/16、0365、0369、0368、8288-  
1/2/3/6/8/10/12/13/16/18

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### Tests Conducted



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End of report

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Test Report

Number: GZHH00170096

Date: Mar 12, 2015

Sample Description:

Ten (10) styles of submitted sample said to be :

Item Name : **Engineering Vehicle Series**

Labelled Age Group : "Not suitable for children under 3 years." / "3+"

Applicant Specified Age :

Grading for Testing : Over 3 years

Packaging Provided by :

Applicant : Yes

Country of Origin : China

Tests conducted:

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

Conclusion:

Tested Samples	Standard	Result
Submitted samples	EN71-1:2011+A3:2014 for mechanical and physical properties	Pass
	EN71 Part 2 : 2011+A1:2014 Flammability test	Pass
Tested components of submitted samples	EN71-3:2013+A1:2014 for migration of certain elements	Pass#

# : This test in the report is not included in the CNAS accreditation schedule for our laboratory.

Remark: No samples are submitted for testing. All test results stated in the test report was referred to our test report GZHH00169543. Dated on Mar 02, 2015

Approved :

Zhou Rui Bin  
CNAS Approved Signatory

Approved :

Huang Hui Hua  
CNAS Approved Signatory

## Test Report

### Tests Conducted

#### 1 Physical and Mechanical Tests

As per European Standard on Safety of toys EN71-1: 2011+A3:2014

Test	Clause	Parameter
Drop test	8.5	850 mm x 5 times
Impact test	8.7	1 kg

Clause	Testing Items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	P
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA



**Test Report**

Number: GZHH00170096

Tests Conducted

Clause	Testing Items	Assessment
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P/#
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Remark: P = Pass NA = Not Applicable

# = Age warning statement, graphical symbol and the indication of hazard was found on the packaging.

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## Test Report

### Tests Conducted

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

#### Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name was missed.
- Manufacturer's address was missed.
- Importer's name was missed.
- Importer's address was missed.
- Product identification code was missed.
- CE marking was on the packaging.

Date sample received : Feb16, 2015

Testing period : Feb16, 2015 to Feb 26, 2015

### 2 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

Date sample received : Feb16, 2015

Testing period : Feb16, 2015 to Feb 26, 2015

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## Test Report

### Tests Conducted

#### 3 Toxic Element Migration Test

##### (A) Test Result

As per EN71-3:2013+A1 : 2014 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry(ICP-OES), Inductively Coupled Argon Mass Spectrometry(ICP-MS)

Category (III): Scraped-off toy material

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(4)	(5)	(6)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

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**Test Report**

Number: GZHH00170096

Tests Conducted

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(7)	(8)	(9)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(10)	(11)	(12)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

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**Test Report**

Number: GZHH00170096

Tests Conducted

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(13)	(14)	(15)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(16)	(17)	(18)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

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## Test Report

Number: GZHH00170096

### Tests Conducted

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(19)	(20)	(21)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(22)	(23)	(24)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

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**Test Report**

Number: GZHH00170096

Tests Conducted

	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	(25)	(26)	(27)		
Soluble Barium	ND	ND	ND	10	18750
Soluble Lead	ND	ND	ND	10	160
Soluble Cadmium	ND	ND	ND	5	17
Soluble Antimony	ND	ND	ND	10	560
Soluble Selenium	ND	ND	ND	10	460
Soluble Mercury	ND	ND	ND	10	94
Soluble Arsenic	ND	ND	ND	10	47
Soluble Aluminium	ND	ND	ND	300	70000
Soluble Boron	ND	ND	ND	50	15000
Soluble Cobalt	ND	ND	ND	10	130
Soluble Copper	ND	ND	ND	10	7700
Soluble Manganese	ND	ND	ND	10	15000
Soluble Nickel	ND	ND	ND	10	930
Soluble Strontium	ND	ND	ND	100	56000
Soluble Tin	ND	ND	ND	10	180000
Soluble Zinc	ND	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	ND	10	460
Soluble Organotin++	ND	ND	ND	2.0	12

	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	(28)	(29)		
Soluble Barium	ND	ND	10	18750
Soluble Lead	ND	ND	10	160
Soluble Cadmium	ND	ND	5	17
Soluble Antimony	ND	ND	10	560
Soluble Selenium	ND	ND	10	460
Soluble Mercury	ND	ND	10	94
Soluble Arsenic	ND	ND	10	47
Soluble Aluminium	ND	ND	300	70000
Soluble Boron	ND	ND	50	15000
Soluble Cobalt	ND	ND	10	130
Soluble Copper	ND	ND	10	7700
Soluble Manganese	ND	ND	10	15000
Soluble Nickel	ND	ND	10	930
Soluble Strontium	ND	ND	100	56000
Soluble Tin	ND	ND	10	180000
Soluble Zinc	ND	ND	100	46000
Soluble ChromiumVI++	ND	ND	0.1	0.2
Soluble Chromium III++	ND	ND	10	460
Soluble Organotin++	ND	ND	2.0	12

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**Test Report**

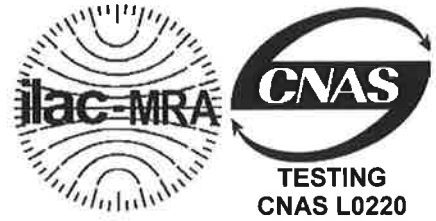
**Tests Conducted**

- ND = Not detected
- ++ = 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.
  - As per General Court of the European Union Judgment in Case T-198/12 dated 14 May 2014, the General Court confirmed that Germany could maintain its limit value for Lead(Pb)(90mg/kg) in toys but not for Antimony (Sb), Arsenic (As), Mercury (Hg) and Barium (Ba).

**Tested Components:**

- (1) @Black coating (letter, pattern).
- (2) @Apricot coating (pattern).
- (3) @Gold color coating (letter, pattern).
- (4) Coatings (light blue, white) on plastic(letter, pattern) (Sample weight:45mg).
- (5) Grey plastic(tank).
- (6) Black plastic(chassis, tire, seat, grille).
- (7) Metallic grey plastic(wheel, fender).
- (8) White plastic(fence, wheel, deck).
- (9) Light blue plastic(chassis, body).
- (10) Deep blue plastic(hood, roof, fender).
- (11) Light grey plastic(seat).
- (12) Blue plastic(body).
- (13) Yellow plastic(body).
- (14) Green plastic(body).
- (15) Light green plastic(body).
- (16) Nacarat plastic(body).
- (17) Dark green plastic(hood, roof, fender, frame, shovel).
- (18) Red plastic(wheel, body).
- (19) Dark grey plastic(body).
- (20) Black plastic(tire).
- (21) Brown plastic(wood, tank).
- (22) Orange plastic(compartment).
- (23) Dark red plastic(body, hood, roof, fender, shovel).
- (24) Sandstone plastic(wheel, connector).
- (25) Dull yellow plastic(wheel).
- (26) Dark yellow plastic(hood, roof, shovel, wheel).
- (27) White paper label with transparent plastic film and inaccessible coatings(sticker).

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Number: GZHH00170096

**Test Report**

**Tests Conducted**

**Tested Components:**

- (28) Taupe plastic(tire).
- (29) Transparent plastic(window).
- (30) @Silver color coating (letter).

@: Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

Remark: As requested by the applicant, toxic elements content test were conducted only components listed in this report. Other components were not tested.

**(B) Categories of various toy materials**

**Category I: Dry, brittle, powder like or pliable**

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

**Category II: Liquid or sticky**

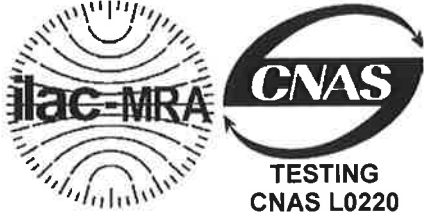
Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

**Category III : Scraped-off**

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: Feb 17, 2015  
Testing Period: Feb 17, 2015 to Feb 28, 2015

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Number: GZHH00170096

Test Report

Tests Conducted

Appendix

Reference No.

- 637311、637312、637314、795517、259910、259911、795510、759911、
- MH5104074、MH5104067、MH5104068、MH5104080、MH510081、
- MH5104084、MH5104085、MH5104086、MH51040176、MH5104175、
- MH5104098、MH5104097、MH5104096、MH5104083、MH5104082、
- MH5104078、MH5104077、MH5104073、MH5104074、MH5104072、
- MH5104182、MH5104188、9998-1/2/3、9998-4/5/6、9998-7/8/9、9998-
- 10/11/12、9998-13/14/15、9998-16/17/18、9998-19/20/21、9998-22/23/24、
- 8188-1/2/3/4/5/6、8188-7/8/9/10/11/12、8188-13/14/15/16/17/18、8088-
- 1/2/3/4/5/6、8088-7/8/9/10/11/12、8088-13/14/15/16/17/18、7988-
- 1/2/3/4/5/6/7/8、7988-10/11/12/13/14/15/16、0365、0369、0368、8288-
- 1/2/3/6/8/10/12/13/16/18

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## Test Report

Number: GZHH00170096

### Tests Conducted



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**Test Report**

Tests Conducted



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End of report

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**Test Report**

**Tests Conducted**

1 **Total Cadmium (Cd) Content (REACH Annex XVII Item 23)**

As per Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011 amending Annex XVII Item 23 of the REACH Regulation (EC) No. 1907/2006, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Components</u>	<u>Result(%)</u>	<u>MDL(%)</u>	<u>Limit(%)</u>
(1/2/3)	ND	0.0005	0.01
(4/5/6)	ND	0.0005	0.01
(7/8/9)	ND	0.0005	0.01
(10/11/12)	ND	0.0005	0.01

ND = Not detected

**Tested Components:**

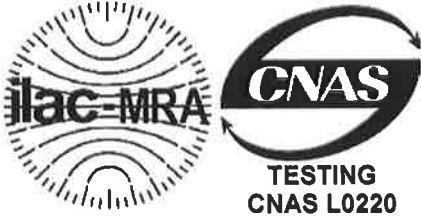
- (1) White plastic (body of truck).
- (2) Grey plastic (body of truck).
- (3) Orange plastic (body of truck).
- (4) Green plastic (body of truck).
- (5) Red plastic (body of truck).
- (6) Blue plastic (body of truck).
- (7) Black plastic (cabin of truck).
- (8) Brown plastic (wood).
- (9) Dark orange plastic (container of wood).
- (10) Light blue plastic (body of plane).
- (11) Transparent plastic (window of truck).
- (12) Black plastic (tire of truck).

**Remark:** As requested by the applicant, total Cadmium content test was conducted only on components listed in this report. Other components were not tested.

Date Sample Received: Feb 17, 2015

Testing Period: Feb 17, 2015 to Feb 27, 2015

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Number: GZHH00170098

Test Report

Tests Conducted

Appendix

Reference No. : 637311、637312、637314、795517、259910、259911、795510、759911、  
 MH5104074、MH5104067、MH5104068、MH5104080、MH510081、  
 MH5104084、MH5104085、MH5104086、MH51040176、MH5104175、  
 MH5104098、MH5104097、MH5104096、MH5104083、MH5104082、  
 MH5104078、MH5104077、MH5104073、MH5104074、MH5104072、  
 MH5104182、MH5104188、9998-1/2/3、9998-4/5/6、9998-7/8/9、9998-  
 10/11/12、9998-13/14/15、9998-16/17/18、9998-19/20/21、9998-22/23/24、  
 8188-1/2/3/4/5/6、8188-7/8/9/10/11/12、8188-13/14/15/16/17/18、8088-  
 1/2/3/4/5/6、8088-7/8/9/10/11/12、8088-13/14/15/16/17/18、7988-  
 1/2/3/4/5/6/7/8、7988-10/11/12/13/14/15/16、0365、0369、0368、8288-  
 1/2/3/6/8/10/12/13/16/18

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## Test Report

Number: GZHH00170098

### Tests Conducted



**Test Report**

Tests Conducted



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End of report

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