



Test Report

Number: SHAH00748220

Applicant: NINGBO VIGA INTERNATIONAL CO.,LTD
20F, 588 CANGHAI ROAD, NINGBO, ZHEJIANG
CHINA.
Attn: AMY

Date: 23 Nov, 2016

Sample Description:

Two (2) sets of submitted sample said to be :
Item Name : **Trace & Balance.**
Item No. : **50668(VG50668).**
Quantity : 2 Sets.
Labelled Age Group : No Specified.
Packaging Provided By Applicant : No.
Country Of Origin : China.

Tests Conducted:

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

Conclusion:

Tested Samples	Standard	Result
Submitted Sample Set	EN71-1: 2014 for Mechanical And Physical Properties Excluding Labelling Requirement of Clause4.22,7.1&7.2	Pass
	EN71-2: 2011+A1: 2014 Flammability Test	Pass
	U.S. ASTM F963-11_Physical And Mechanical Tests Excluding Labelling Requirement of Clause4.22,7.1&7.2	Pass
	U.S. ASTM F963-11Flammability Test of Materials Other Than Textile Materials	Pass

To be continued

Prepared And Checked / Authorized By:

Jacky Lin
Toy Lab Manager



Test Report

Tests Conducted

1 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014.

Applicant's Specified Age Group for Testing: For ages 3 years and up.

Clause	Testing Items	Assessment
4	General Requirements	
4.1	Material Cleanliness	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	NA
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	P
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	NA
4.21	Toys Containing Non-Electrical Heat Source	NA
4.22	Small Balls	NC#
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
5.7	Glass and Porcelain	NA
5.8	Shape and Size of Certain Toys	NA

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Clause	Testing Items	Assessment
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	NA
7	Warnings, Markings and Instructions for Use	
7.1	General	NC#
7.2	Toys Not Intended for Children under 36 Months	NC#
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, Inline skates, Skateboards and Certain other ride-on Toys	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

To be continued

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Remark: P = Pass NA = Not Applicable NC= Not Conducted

=As requested by the applicant, the requirement of clause 4.22 , 7.1 and 7.2 were not assessed

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:

1. 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.

- All the above markings were not found.

Date Sample Received: 11 Nov, 2016 & 21 Nov,2016

Testing Period: 11 Nov, 2016 To 21 Nov, 2016

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	
4.2.2	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Flowing elements of 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: 11 Nov, 2016

Testing Period: 11 Nov, 2016 To 16 Nov, 2016

To be continued

Test Report

Tests Conducted

3 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Applicant's Specified Age Group for Testing: For Ages 3 years And Up

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact Test	Section 1500.53(b)	4 x 3.0 ft
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material Quality (Visual Check on Cleanliness)	P
4.3.7	Stuffing Material (Visual Check on Contaminations)	NA
4.5	Sound-Producing Toys	NA
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	NC#2
4.7	Accessible Edges	P
4.8	Projections	NA
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	NA
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA

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Section	Testing Items	Assessment
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NC#2
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
5	Labelling Requirement	NC#2
6	Instructional Literature	NA
7	Producer's Markings	#1
	- Name of Producer/Distributor	No
	- Address	No

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass; NA = Not Applicable; NC= Not Conducted

#1 = The final product or its packaging must be marked with the name and address of the producer or distributor as specified in section 7.1 of U.S. ASTM F963.

#2=As requested by the applicant, the requirement of clause 4.6.3 , 4.34 and 5 were not assessed

Date Sample Received: 11 Nov, 2016

Testing Period: 11 Nov, 2016 To 16 Nov, 2016

4 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-11.

Result = Ignited But Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: 11 Nov, 2016

Testing Period: 11 Nov, 2016 To 16 Nov, 2016

To be continued

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End of report

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