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检测  
TESTING  
CNAS L2929

## Test Report

No.: T51610220317TY-01

Date: SEP 08, 2016

Page 1 of 7

JETTA (CHINA) INDUSTRIES CO., LTD.

333 CAI XIN LU, LAN HE ZHEN, NAN SHA QU,  
GUANGZHOU SHI, GUANGDONG PROVINCE, CHINA

**This report supersedes all the previous documents bearing the test report number T51610220317TY**

The following samples were submitted and identified by/on behalf of the client as:

OZOBOT STARTERPACK/ OZOBOT STARTER PACK - COOL BLUE, OZOBOT STARTER PACK  
- LAVA RED; OZOBOT BIT/ OZOBOT BIT MARKER STARTER PACK - COOL BLUE, OZOBOT BIT  
MARKER STARTER PACK - WHITE; OZOBOT COLOR CODE MARKERS

Sample Quantity : 2 PCS  
Item No. : OZO-030101 / OZO-030201-03, OZO-030301-04; OZO-  
020101 / OZO-040201-03, OZO-040301-04; OZO-  
970001-00, OZO-970002-00  
Manufacturer : EVOLLVE  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : AGES 6-99  
Requested Age Grading : 6+  
Age Group Assessed As Per Age : OVER 6 YEARS  
Guideline  
Age Group Applied in Testing : OVER 6 YEARS  
Sample Receiving Date : JUN 02, 2016  
Last Submission Sample Date : AUG 19, 2016  
Further Information Date : SEP 05, 2016  
Testing Period : JUN 02, 2016 TO SEP 08, 2016



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Test Requested		Conclusion
1.	For compliance with the test requirement of ASTM F963-11 Standard Consumer Safety Specification on Toy Safety. (Except USB cable)	--
	ASTM F963-11 Standard Consumer Safety Specification for Toy Safety	PASS
2.	For compliance with the test requirement of the Physical & Mechanical, Flammability test requirement of Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A.	--
	Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501: US CPSC 16 CFR 1500.48 – Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of ages US CPSC 16 CFR 1500.49 – Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age US CPSC 16 CFR 1501 – Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts	PASS
	US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	PASS
3.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Testing Center Hardlines

Huang Yao, Lucy  
Section Head  
CNAS Approved Signatories

Ouyang Qin, Cansy  
Section Manager  
CNAS Approved Signatories



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**Test Report**

No.: T51610220317TY-01

Date: SEP 08, 2016

Page 3 of 7

**Results:**

**ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY**

AS SPECIFIED IN ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass (See Result Page)</u>
4.3	Toxicology	
4.7	Accessible Edges	<u>Pass</u>
4.8	Projections	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.12	Plastic Film	<u>Pass</u>
4.17	Wheels, Tires, and Axles	<u>Pass</u>
4.18	Holes, Clearance & Accessibility of Mechanisms	<u>Pass</u>
4.25	Battery-Operated Toys	<u>Pass</u>
4.29	Art Materials	<u>Pass*</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.13	Art Materials	<u>Pass</u>
5.16	Promotional Materials	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>

\*\*Visual Examination



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**Test Report**

No.: T51610220317TY-01

Date: SEP 08, 2016

Page 4 of 7

\*The test result was based on the client provided documents;

Requirements	Report No.
LHAMA	T51510210039TA
TRA/LHAMA	T51510210035TA

Result Page:

Flammability Test (Clause 4.2)  
Flammability Test on Solid

Sample	Burning Rate (inch/sec)
OZOBOT BIT/ OZOBOT BIT STARTER PACK - COOL BLUE ; OZOBOT BIT STARTER PACK - LAVA RED	0.1*(IBE)

\*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

IBE = Ignite But Extinguished

**US CPSC**

**PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501**

AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

	No. of sample tested	Sharp point (16 CFR 1500.48)	Sharp edge (16 CFR 1500.49)	Small part (16 CFR 1501)
As received	2	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	2	Pass	Pass	N/A
Bite test (16 CFR 1500.52c)	0	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	0	N/A	N/A	N/A
Torque test (16 CFR 1500.53e)	2	Pass	Pass	N/A
Tension test (16 CFR 1500.53f)	2	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	0	N/A	N/A	N/A

N/A = Not Applicable



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**US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS**

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

<p><u>Sample</u> OZOBOT BIT/ OZOBOT BIT STARTER PACK - COOL BLUE ; OZOBOT BIT STARTER PACK - LAVA RED</p>	<p><u>Burning Rate (inch/sec)</u> 0.1*(IBE)</p>
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\*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

IBE = Ignite But Extinguished

**CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials**

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)		
Permissible Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Multi-color coating on paper board (Model) + Multi-color coating on plastic label (Sticker) + Multi-color coating on paper label (Sticker) w/ light grey coating (Lettering)	1	1	ND
2. White w/ cyan coating on soft plastic (Cover)	01T-1	1	ND
3. White coating (Lettering)	01T-1	2	ND
4. Black ink + Blue ink	01T-1	3	ND
5. Red ink + Green ink	01T-1	4	ND



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No.: T51610220317TY-01

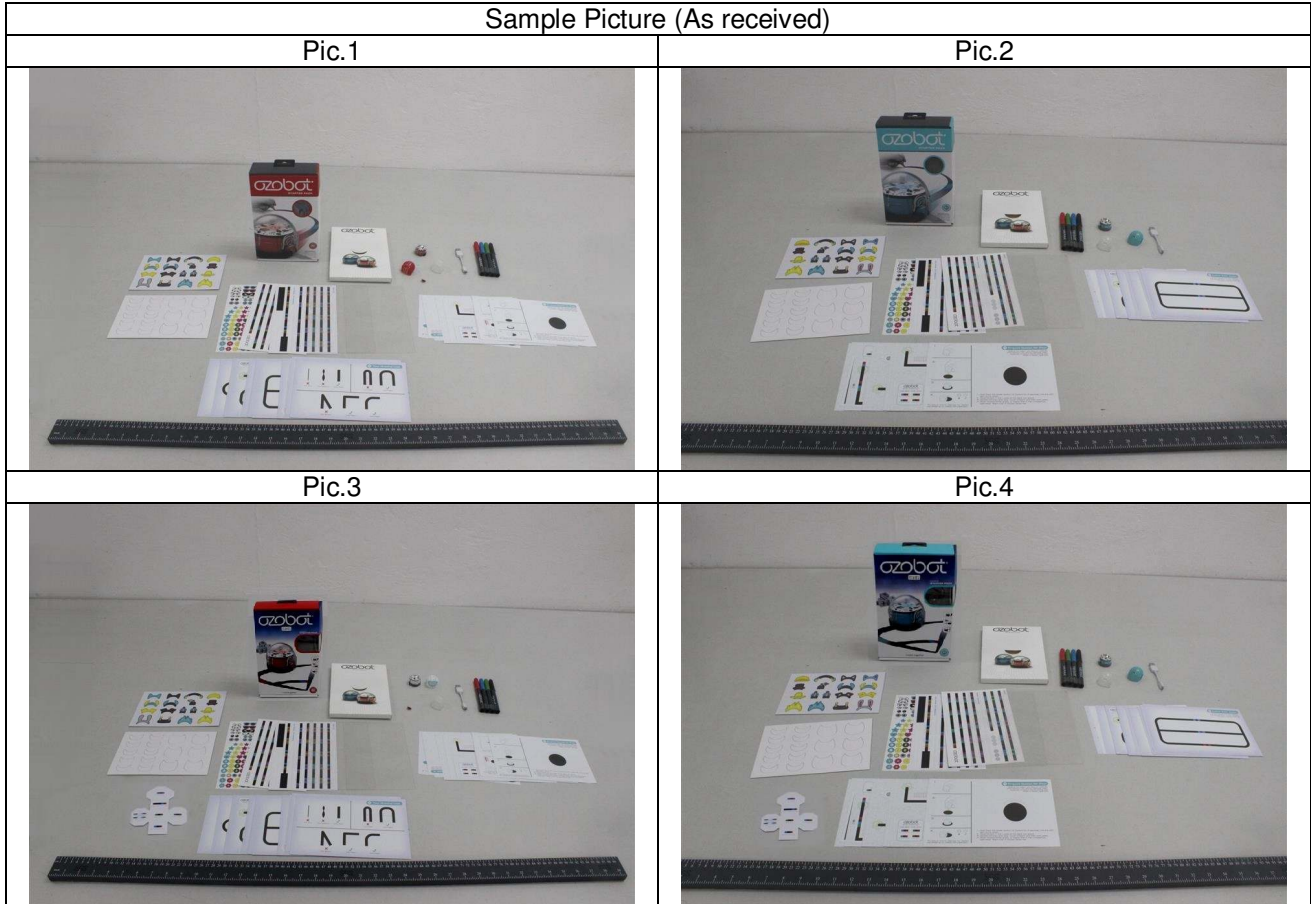
Date: SEP 08, 2016

Page 6 of 7

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - The result(s) is (are) calculated using the minimum specimen weight for composite test.
  - Result(s) of specimen No.4-No.5 is(are) calculated based on the status as received.

N.B. : - Only applicable clauses were shown.

### Sample Picture (As received)



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Sample Picture (As received)

Pic.5



Pic.6



Pic.7



Pic.8



Pic.9



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\*\*\* End of Report \*\*\*



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