



**Test Report** No.: T51610282342TY Date: DEC 26, 2016 Page 1 of 10

FEIXIONG TOYS FACTORY

CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

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

MODEL AIRCRAFT SERIES

Item No. : 701, 702, 703, 705, 706, 707, 708, 709, 801, 802, 803,

805, 806, 807, 808, 809, 810, 811, 812, 813, 815, 816, 817, 818, 819, 820, 821, 822, 823, 825, 826, 827, 828,

829

Labeled Age Grading : 8+
Requested Age Grading : 8+

Age Group Assessed As Per Age : OVER 8 YEARS

Guideline

Age Group Applied in Testing : OVER 8 YEARS
Sample Receiving Date : DEC 19, 2016

Testing Period : DEC 19, 2016 TO DEC 26, 2016







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Test R	Conclusion					
1.	With reference to the European standard on Safety of toys:-     (Except USB charge)					
	EN 71-1:2014 - Safety of toys - Part 1: Mechanical and Physical Properties	PASS				
	EN 71-2:2011+A1:2014 - Safety of toys - Part 2: Flammability	PASS				
	Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys	SEE RESULT				
	EN 71-3:2013 + A1:2014 - Safety of toys - Part 3 - Migration of certain elements in the specified specimen(s) as listed	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

Huang Yao, Lucy Section Head CNAS Approved Signatories Ouyang Qin, Cansy Section Manager CNAS Approved Signatories







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Results:

### **EUROPEAN STANDARD ON SAFETY OF TOYS**

### EN 71-1:2014 - SAFETY OF TOYS - PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014 - SAFETY OF TOYS - PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.10	Parts moving against each other:	
	4.10.2 Driving mechanisms	<u>Pass</u>
	4.10.3 Hinges	N/A
	(Not applicable to products with a hinged part that has a mass less than 250g.)	
	4.10.4 Springs	<u>Pass</u>
4.17	Projectiles	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Pass</u>
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font size	
	f) Logical direction of text	
	For more details, see EN 71-1.	
7.2	Toys not intended for children under 36 months	<u>Pass</u>
		(See remark)
	(Remark: The toy contains small parts. It is acceptable because appropriate	

Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

warning is found on packaging.)



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#### EN 71-2:2011+A1:2014 - SAFETY OF TOYS - PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 - SAFETY OF TOYS - PART 2: FLAMMABILITY

Clauses relevant to the item:

ClauseDescriptionResult4.1General requirementsPass

Type of gas: Butane gas used in the test burner

# LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

## Summary table:

	Observation Result	Location	
Washing/Cleaning instruction	Not applicable		
CE mark	Absent		
Importer's Name & Address	Absent		
Manufacturer's Name & Address	Absent		
Product ID	Present	Packaging	

#### Note:

- 1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
- 2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
- 3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- 4. Manufacturers must 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.



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### EN 71-3:2013 + A1:2014 - Safety of toys - Part 3 - Migration of Certain Elements

Category III: Scrapped-off toy material

Method: With reference to EN71-3:2013 + A1:2014. Analysis of general elements was performed by ICP-OES. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV/VIS and organic tin was analyzed by GC-MS.

Test Item(s)		Result(s)	MDL	Permissible Limit			
Specimen No.			1	2	3		
Mass of trace amount		(mg)					
Soluble Aluminium	(AI)	(mg/kg)	ND	ND	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	50	18,750
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	(mg/kg)	ND	ND	ND	0.15	
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	ND	3.3	180,000
Soluble Organic Tin		(mg/kg)	ND	ND	ND		12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	ND	50	46,000



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Test Item(s)			Result(s)			MDL	Permissible Limit
Specimen No.			4	5	6		
Mass of trace amount		(mg)					
Soluble Aluminium	(AI)	(mg/kg)	ND	ND	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	50	18,750
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	5	17
Soluble Chromium	(Cr)	(mg/kg)	ND	1.54	1.29	0.15	
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	1.54	1.29	1	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	23.3	3.3	180,000
Soluble Organic Tin		(mg/kg)	ND	ND	ND		12
Soluble Zinc	(Zn)	(mg/kg)	ND	73	58	50	46,000



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Test Item(s)			Resu	MDL	Permissible Limit	
Specimen No.			7	8		
Mass of trace amount		(mg)		33.9		
Soluble Aluminium	(AI)	(mg/kg)	ND	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	50	18,750
Soluble Boron	(B)	(mg/kg)	ND	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	5	17
Soluble Chromium	(Cr)	(mg/kg)	ND	ND	0.15	
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	1	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	0.12	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	3.3	180,000
Soluble Organic Tin		(mg/kg)	ND	ND		12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	50	46,000

## Specimen Description:

- Black plastic (Remote control)
- Black soft plastic (Head)
- 3. White plastic (Base)
- White foam (Body)
- 5. Yellow coating on foam (Body)
- Black coating on foam (Body)
- Black plastic (Exhaust pipe)
- 8. White plastic (Wire jacket)



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Note: mg/kg = milligram per kilogram

mg = milligram

ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit

1% = 10000 mg/kg = 10000 ppm

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



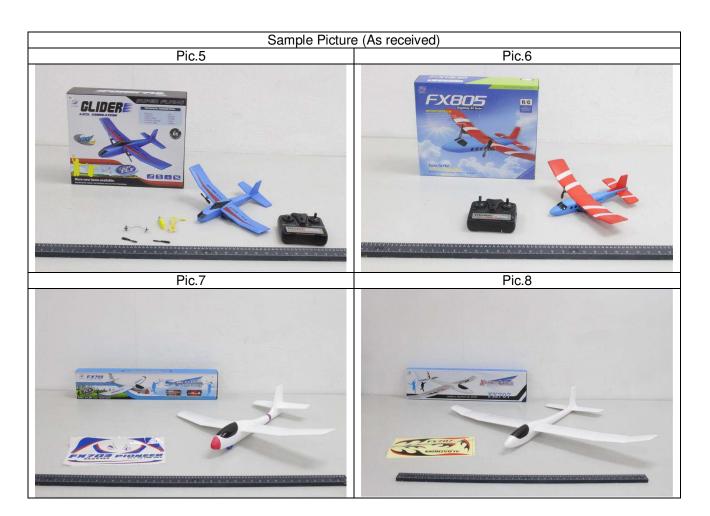


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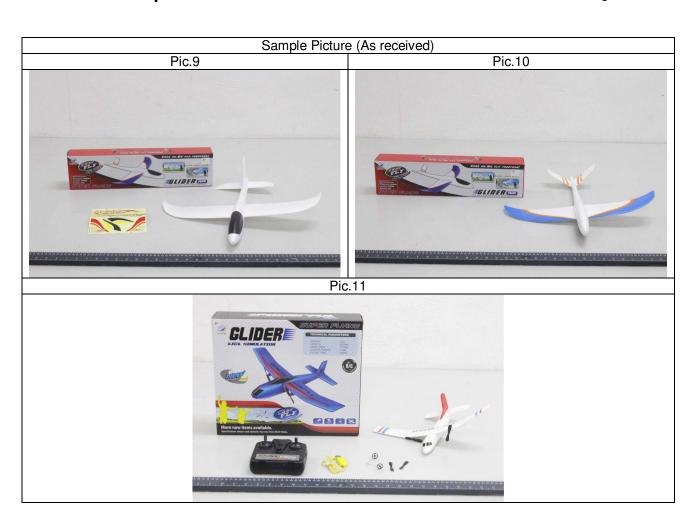


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