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CERTIFICATE OF COMPLIANCE

SGS United Kingdom A UKAS Accredited Test House

Client Name : ZHANG BO TOYS FACTORY
Test Report Number : T51510271453TY
Reference Number : WSZ-UK5151270174TY
Item Number : PLEASE SEE REPORT DETAILS
Sample Description : REMOTE CONTROL AIRCRAFT SERIES
Date of Issue : DEC 17, 2017

Applied Standards

- 1) EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties
- 2) EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability
- 3) EN 71-3 2013 + A1:2014 – Safety of toys – Part 3 : Migration of certain elements on the tested specimen(s)

Result

Pass
Pass
Pass

This certificate of compliance must not be used without the attached reference test report.

Lin Shuzhen, Dora
 Director
 SGS SHENZHEN



Nina Pratt
 Senior Technologist
 SGS UNITED KINGDOM LTD.

The report attached to this certificate has been checked and approved by SGS United Kingdom Ltd who holds a copy of the relevant documentation in its office. This certificate confirms test results by another SGS entity without SGS UK Ltd having done the testing itself. This Certificate is issued by SGS UK Ltd. under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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TESTING
CNAS L2929

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ZHANG BO TOYS FACTORY
XIACUN INDUSTRIAL ZONE, LIANXIA TOWN, CHENGHAI DISTRICT,
SHANTOU CITY, GUANGDONG, CHINA

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

REMOTE CONTROL AIRCRAFT SERIES

Sample Quantity	: 2 PCS
Item No.	: XS801, XS801-1, XS801C-1, XS801C, XS801W, XS802, XS802C, XS802W, XS803, XS803C, XS803W, XS804, XS804C, XS804W, XS805, XS805C, XS805W, XS806, XS806C, XS806W, XS807, XS807C, XS807W, XS808, XS808C, XS808W, XS809, XS809C, XS809W, XS810, XS810C, XS810W, XS811, D61, D62, D63, D51, D52, D53, D86, D85, D65
Labeled Age Grading	: 3+
Requested Age Grading	: 6+
Age Group Assessed As Per Age Guideline	: OVER 6 YEARS
Age Group Applied in Testing	: OVER 3 YEARS
Sample Receiving Date	: DEC 14, 2017
Testing Period	: DEC 14, 2017 TO DEC 17, 2017



SGS Standards Technical Services Co., Ltd.
Shenzhen Testing Laboratory

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Test Requested	Conclusion
For compliance with the European Standard on Safety of Toys : (Except connector)	--
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 on the tested specimen(s) (All conclusive testing)	PASS

Signed for and on behalf of
SGS-CSTC Standard Technical Services Co., Ltd.
Shenzhen Branch-Toy laboratory



Lin Shuzhen, Dora
Director
CNAS Approved Signatory



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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	<u>N/A</u>
	(Not applicable to products with a hinged part that has a mass less than 250g.)	
	4.10.4 Springs	<u>Pass</u>
4.20	Acoustics	<u>Pass</u>
6	Packaging	<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>
	(Remark: The toy contains small parts. It is acceptable because appropriate warning is found on packaging.)	<u>(See Remark)</u>

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.

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:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	Pass

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	Present	Toy / Packaging
Importer's Name & Address	Absent	--
Manufacturer's Name & Address	Absent	--
Product ID	Absent	--

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 soaked. 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	--	--
Mass of trace amount (mg)	--	--	--
Soluble Aluminium (Al) (mg/kg)	ND	50	70,000
Soluble Antimony (Sb) (mg/kg)	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	50	18,750
Soluble Boron (B) (mg/kg)	ND	50	15,000
Soluble Cadmium (Cd) (mg/kg)	ND	5	17
Soluble Chromium (Cr) (mg/kg)	ND	0.15	--
Soluble Chromium [#] (III) (Cr (III)) (mg/kg)	ND	1	460
Soluble Chromium [#] (VI) (Cr (VI)) (mg/kg)	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	50	7,700
Soluble Lead (Pb) (mg/kg)	ND	10	160
Soluble Manganese (Mn) (mg/kg)	ND	50	15,000
Soluble Mercury (Hg) (mg/kg)	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	50	56,000
Soluble Tin (Sn) (mg/kg)	ND	3.3	180,000
Soluble Organic Tin [^] (mg/kg)	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	50	46,000

Specimen Description:

1. White plastic (Aircraft)



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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
 - # Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013 + A1:2014.
 - ^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013 + A1:2014.

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

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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