



CONSUMER PRODUCTS SERVICES DIVISION

## GUANGDONG XINYU TECHNOLOGY INDUSTRIAL CO., LTD

**Technical Report: (8518)089-0848**

April 25, 2018

Date Received: April 16, 2018

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GUANG DONG XIN YU TECHNOLOGY INDUSTRIAL  
CO LTD  
LAIMEI INDUSTRIAL ZONE, CHENGHAI DISTRICT,  
SHANTOU, GUANGDONG

Sample Description:	RC TOYS	Sample Size:	1
Vendor:	N/A	Style No(s):	3338
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	AGES 8+	Ref #:	N/A
Appropriate Age Grade:	NOT REQUESTED	Country of Origin:	CHINA
Client Specified Age Grade:	3+	Assortment No.:	N/A
Grade:		Country of Destination:	EUROPEA
Tested Age Grade:	OVER 3 YEARS OF AGE	Test Starting Date:	APRIL 16, 2018
UPC Code:	4895181837776	Test Finished Date:	APRIL 25, 2018
Terminal Voltage:	2X1.5 V		
	5X1.5 V		

### EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The requirements of the tested clauses of the European Standard EN 62115: 2005 + A2: 2011 + A11: 2012 + A12:2015, "Electric toys - Safety"

Compliance with this standard is also on condition that the toy complies with EN 71 Standard.

Note: The submitted sample incorporating lasers or light emitting diodes (LED), compliance with the standard covered by this report is on condition that the lasers or light emitting diodes in toys are classified as Class 1 in accordance with IEC 60825-1 Standard under the condition specified in Annex E of EN 62115 / IEC 62115.

Note: Components shall comply with the safety requirements specified in the relevant IEC standards as far as they reasonably apply as specified in clause 16.1

BUREAU VERITAS SHENZHEN CO., LTD.

Lung Cheong Ming, Nick  
Assistant Manager  
Electrical Department  
Toys, Premiums & Juvenile Products Division

NL / ha

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**RESULTS:**

**European Standard EN 62115: 2005 + A2: 2011 + A11: 2012 + A12: 2015, "Electric toys - Safety"**

Clause	Parameter	Result
5.13	Electrical connection can be made as reversed polarity due to incorrect insertion.	NOT POSSIBLE
7	Marking and Instructions	M
8	Power input	NA
9	Heating and abnormal operation	M-See Remark
10	Electric strength at operating temperature	M
11	Moisture resistance	M
12	Electric strength at room temperature	M
13	Mechanical strength	M
14	Construction	M
15	Protection of cords and wires	M
16	Components	M-See Executive Summary
17	Screws and connections	M
18	Creepage distance and clearances	M
19	Resistance to heat and fire	M
20	Radiation, toxicity and similar hazards	See Executive Summary
Annex ZB	Toys with protective electronic circuit	NA
Annex ZC	Toys generating Electromagnetic Fields ( <b>EMF</b> )	NA

*M = Meet*

*NA = Not applicable*

*NM/R = Not Meet-refer to Comment Section*

*NR = Not requested by the client*



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**RESULTS:**

Remark:

Clause	Parameter												
9.3	<p>The maximum temperature rises at normal operation were recorded as follows:</p> <p>Ambient Temperature (°C):22.7</p> <table><tr><th><u>Location</u></th><th><u>Temperature Rise (K)</u></th><th><u>Limit (K)</u></th></tr><tr><td>Battery Surface (RX)</td><td>18.7</td><td>45</td></tr><tr><td>Enclosure (near motor) (RX)</td><td>16.6</td><td>50</td></tr><tr><td>Battery Surface (TX)</td><td>1.1</td><td>45</td></tr></table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface (RX)	18.7	45	Enclosure (near motor) (RX)	16.6	50	Battery Surface (TX)	1.1	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface (RX)	18.7	45											
Enclosure (near motor) (RX)	16.6	50											
Battery Surface (TX)	1.1	45											
9.6	<p>The maximum temperature rises at locking motor condition were recorded as follows:</p> <p>Ambient Temperature (°C):22.6</p> <table><tr><th><u>Location</u></th><th><u>Temperature Rise (K)</u></th><th><u>Limit (K)</u></th></tr><tr><td>Battery Surface (RX)</td><td>0.3</td><td>45</td></tr><tr><td>Enclosure (near motor) (RX)</td><td>0.2</td><td>50</td></tr><tr><td>Battery Surface (TX)</td><td>0.1</td><td>45</td></tr></table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface (RX)	0.3	45	Enclosure (near motor) (RX)	0.2	50	Battery Surface (TX)	0.1	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface (RX)	0.3	45											
Enclosure (near motor) (RX)	0.2	50											
Battery Surface (TX)	0.1	45											



**BUREAU  
VERITAS**

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**RESULTS:**



Sample Number  
85180890848A1

END OF REPORT