



CONSUMER PRODUCTS SERVICES DIVISION

## SHANTOU CITY CHENGHAI DISTRICT DINOSAURS'LSLAND TOYS INDUSTRIAL CO., LTD

**Technical Report:** (8521)086-0119  
Date Received: March 29, 2021

April 22, 2021  
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SHANTOU CITY CHENGHAI DISTRICT DINOSAURS'LSLAND TOYS INDUSTRIAL CO., LTD  
DONGHU INDUSTRIAL, FENGXIANG STREET,  
CHENGHAI DISTRICT SHANTOU CITY  
GUANGDONG CHINA

Sample Description:	Animal toy	Sample Size:	1
Vendor:	N/A	SKN/SKU No.:	N/A
Manufacturer:	N/A	PO No.:	N/A
Buyer:	N/A	Ref #:	N/A
Labeled Age Grade:	3+	Country of Origin:	CHINA
Appropriate Age Grade:	NOT REQUESTED	Assortment No.:	N/A
Client Specified Age:	3+	UPC Code:	N/A
Grade:		Terminal voltage:	3 x 1.5V(RX) 3 x 1.5V(TX)
Tested Age Grade:	OVER 3 YEARS OF AGE		
Test Starting Date:	MARCH 29, 2021		
Test Finished Date:	APRIL 22, 2021		

Style No(s):

RS61-100,RS6121,RS6121A,RS6122,RS6122A,RS6123,RS6123A,RS6124,RS6124A,RS6125,RS6125A,RS6126,RS6126A,RS6127,RS6128,RS6129,RS6129A,RS6131,RS6132,RS6133,RS6133A,RS6133B,RS6134,RS6134A,RS6134B,RS6135,RS6135A,RS6136,RS6136A,RS6137A,RS6137B,RS6138A,RS6138B,RS6139,RS6139A,RS6151,RS6152,RS6153,RS6154,RS6155A,RS6155B,RS6156,RS6156A,RS6157,RS6158,RS6158A,RS6159,RS6159A,RS6161,RS6162,RS6163,RS6163A,RS6163B,RS6164,RS6164A,RS6164B,RS6165,RS6166,RS6167A,RS6167B,RS6168A,RS6168B,RS6169A,RS6171,RS6171A,RS6172,RS6172A,RS6173,RS6173A,RS6174,RS6174A,RS6175,RS6176,RS6177,RS6177A,RS6178,RS6178A,RS6179,RS6180,RS6181,RS6182,RS6183,RS6184,RS6185,RS6186,RS6187,RS6188,RS6188A,RS6189A,RS6190,RS6191,RS6192,RS6193,RS6194,RS6195,RS6196,RS6197,RS001-1,RS001-2,RS001-3,RS001-4,RS002-1,RS002-2,RS003-1,RS003-2,RS004-1,RS004-2,RS004-3,RS004-4,RS004-5,RS004-6,RS005-1,RS005-2,RS005-3,RS006-1,RS006-2,RS007-1,RS007-2,RS007-3,RS008-1,RS008-2,RS008-3,RS009-1,RS009-2,RS009-3,RS009-E-commerceversion,RS010,RS011,RS012-1,RS012-2,RS012-3,RS012-4,RS012-5,RS012-6,RS013-1,RS013-10,RS013-2,RS013-3,RS013-4,RS013-5,RS013-6,RS013-7,RS013-8,RS013-9,RS014,RS014,RS015-1,RS015-2,RS015-3,RS015-4,RS016-1,RS016-2,RS016-3,RS016-4,RS017-1,RS017-2,RS017-3,RS018,RS019,RS020,RS021,RS023,RS024,RS025,RS026,RS026,RS027,RS027,RS028,RS029,RS030,,RS61-100A,RS61-101,RS61-102,RS61-102A,RS61-103,RS61-103A,RS61-104,RS61-104A ( seal box ),RS61-105,RS61-105A ( seal box ),RS61-121,RS61-122,RS61-123,RS61-124,RS61-125,RS6198-Ankylosaurus,RS6198-Brachiosaurus,RS6198-Cattle,RS6198-Cow,RS6198-Crocodile,RS6198-Donkey,RS6198-Elephant,RS6198-Hippo,RS6198-Horse,RS6198-Lion,RS6198-Pig,RS6198-Rhinoceros,RS6198-Sheep,RS6198-Spinosaurus,RS6198-Stegosaurus,RS6198-Tiger,RS6198-Triceratops,RS6198-Tyrannosaurus REX,RS6199-Cat,RS6199-chook,RS6199-cow,RS6199-Dinosaurs,RS6199-Dog,RS6199-Duck,RS6199-Giraffe,RS6199-Lion,RS6199-Owl,RS6199-Pig,RS6199-Tiger,RS6199-Zebra,RS022-1,RS022-2,RS022-3,RS022-4,RS022-5,RS022-6,RS031-1,RS031-2,RS031-3,RS031-4,RS031-5,RS032-1,RS032-2,RS032-3,RS032-4,RS033-001,RS033-002,RS033-003,RS033-004,RS033-005,RS033-006,RS033,RS034-007,RS034-008,RS034-009,RS034-010,RS034-011,RS034-012,RS034,RS035-013,RS035-014,RS035-015,RS035-016,RS035-017,RS035-018,RS036-1,RS036-2,RS037-1,RS037-2,RS038-1,RS038-2,RS039-1,RS039-2,RS040,RS041,RS042,RS043,RS044-1,RS044-2,RS044-3,RS044-4,RS044-5,RS045-1,RS045-2,RS045-3,RS046-1,RS046-2,RS046-3,RS047,RS048,RS049,RS050,RS051,RS052,RS053,RS054,RS055,RS056,RS057,RS058,RS059,RS053-1,RS053-2,RS053-3,RS054-1,RS054-2,RS054-3,RS055-1,RS055-2,RS055-3,RS056-1,RS056-2,RS056-3,RS060,RS061,RS062,RS063,RS064,RS065,RS066,RS067,RS068,RS069,RS070,112501 , 112502 , 112503 , 112509



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**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 EN71 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 / jn

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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.	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 (EMF)	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): 21.9</p> <table border="1"> <thead> <tr> <th><u>Location</u></th> <th><u>Temperature Rise (K)</u></th> <th><u>Limit (K)</u></th> </tr> </thead> <tbody> <tr> <td>Battery Surface (rx)</td> <td>12.1</td> <td>45</td> </tr> <tr> <td>Enclosure (near motor)</td> <td>2.4</td> <td>50</td> </tr> <tr> <td>Battery surface (tx)</td> <td>1.2</td> <td>45</td> </tr> </tbody> </table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface (rx)	12.1	45	Enclosure (near motor)	2.4	50	Battery surface (tx)	1.2	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface (rx)	12.1	45											
Enclosure (near motor)	2.4	50											
Battery surface (tx)	1.2	45											
9.6	<p>The maximum temperature rises at lock-motor – condition were recorded as follows:</p> <p>Ambient Temperature (°C): 21.2</p> <table border="1"> <thead> <tr> <th><u>Location</u></th> <th><u>Temperature Rise (K)</u></th> <th><u>Limit (K)</u></th> </tr> </thead> <tbody> <tr> <td>Battery Surface (rx)</td> <td>1.7</td> <td>45</td> </tr> <tr> <td>Enclosure (near motor)</td> <td>1.2</td> <td>50</td> </tr> <tr> <td>Battery surface (tx)</td> <td>0.2</td> <td>45</td> </tr> </tbody> </table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface (rx)	1.7	45	Enclosure (near motor)	1.2	50	Battery surface (tx)	0.2	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface (rx)	1.7	45											
Enclosure (near motor)	1.2	50											
Battery surface (tx)	0.2	45											



**BUREAU  
VERITAS**

SHANTOU CITY CHENGHAI DISTRICT DINOSAURS'LSLAND TOYS INDUSTRIAL CO., LTD

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**RESULTS:**



Sample Number  
85210860119A1



Sample Number  
85210860119A2

END OF REPORT