



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION



**TESTING  
CNAS L2304**

## SHANTOU CHENGHAI JINXINGDA PLASTIC TOYS FACTORY

**Technical Report:** (8515)065-0375  
Date Received: March 06, 2015

March 17, 2015  
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SHANTOU CHENGHAI JINXINGDA PLASTIC TOYS  
FACTORY  
CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG  
PROVINCE, CHINA

Sample Description:	REMOTE CONTROL AIRCRAFT SERIES		
Vendor:	N/A	Sample Size:	1
Manufacturer:	N/A	Style No(s):	393V, 388, 389, 390, 391, 391V, 391W, 392, 393, 395, 396, 396V, 396W, 398, 399, 500, 501, 502, 503, 505, 506, 508, 509, 510, 511, 512, 513, 515, 516, 518, 519, 520, 385
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	8+	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	3+	Country of Origin:	N/A
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	8711252989082	Test Starting Date:	MARCH 06, 2015
Terminal voltage:	TX: 6.0V RX: 3.7V	Test Finished Date:	MARCH 17, 2015



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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, "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: Compliance with this standard is also on condition that the components as specified in clause 16 comply with the safety requirements specified in the relevant standard.

Note: At the requested of the client, EN 62115 testing was performed for item 393V.

BUREAU VERITAS SHENZHEN CO.,LTD

Tsang Chi Ho, Steven  
Manager  
Electrical Department

ST/ld

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**RESULTS:**

**European Standard EN 62115: 2005 + A2: 2011 + A11: 2012, "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
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	M

*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:            Ambient Temperature (°C): 23.7</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(TX)</td> <td>3.3</td> <td>45</td> </tr> <tr> <td>Enclosure (near motor) (RX)</td> <td>14.4</td> <td>35</td> </tr> <tr> <td>Battery Surface(RX)</td> <td>15.9</td> <td>45</td> </tr> </tbody> </table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface(TX)	3.3	45	Enclosure (near motor) (RX)	14.4	35	Battery Surface(RX)	15.9	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface(TX)	3.3	45											
Enclosure (near motor) (RX)	14.4	35											
Battery Surface(RX)	15.9	45											
9.6	<p>The maximum temperature rises at locked moving part were recorded as follows:            Ambient Temperature (°C): 23.7</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) (RX)</td> <td>0.5</td> <td>35</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) (RX)	0.5	35			
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Battery Surface(RX)	1.7	45											
Enclosure (near motor) (RX)	0.5	35											
9.8	<p>The maximum temperature rises at fault condition were recorded as follows:            Ambient Temperature (°C): 23.7</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) (RX)</td> <td>0.5</td> <td>35</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) (RX)	0.5	35			
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Battery Surface(RX)	1.7	45											
Enclosure (near motor) (RX)	0.5	35											

**RESULTS:**



END OF REPORT