

SHENZHEN BOOYUE DAILY NECESSITIES COMPANY LIMITED  
UNIT 07, 9/F, CHANGHONG TECHNOLOGY BUILDING,  
NO.18, KEJI 12TH ROAD SOUTH, NANSHAN, SHENZHEN, CHINA

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

Name of Product/Item : MUSICAL PLAYER  
Item No. : V8BT  
Test Item No. : V8  
Country of Origin : CHINA  
Labeled Age Grading : NEWBORN -12 YRS  
Request Age Grading : 0+  
Assessed Age Grading : UNDER 3 YEARS  
Packaging : Gift Box  
Rating : 1 x 3.7V 700mAh "Li-Poly" rechargeable battery (non-replaceable)  
Date of receipt : JUL 16, 2015 Number of sample : 1  
Testing Period : JUL 16, 2015 TO JUL 22, 2015



SGS-CTI Standards Technical Services Co., Ltd.  
Shenzhen Laboratory

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Test Requested	Conclusion
1. Test for compliance with the electric toys safety requirement with reference to EN 62115: 2005 + A12: 2015. (Except clause 20 Radiation, Toxicity and Similar hazards as per client request)	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

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



Xiao Yongbo, Spring  
 Senior Engineer



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SGS-CSTC Standard Technical Services Co., Ltd.  
 Shenzhen Branch-Toy laboratory

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**EN 62115 SPECIFICATION REQUIREMENTS & TEST RESULTS**

<u>Clause</u>	<u>Assessment</u>	<u>Remarks</u>
1. Scope	--	
2. Normative references	--	
3. Definitions	--	
4. General requirement	--	
5. General conditions for the tests	--	
6. Selection of tests	--	
7. Marking and instructions	Pass	1)
8. Power input	N/A	
9. Heating and abnormal operation	Pass	
10. Electric strength at operating temperature	Pass	
11. Moisture resistance	Pass	
12. Electric strength at room temperature	Pass	
13. Mechanical strength	Pass	
14. Construction	Pass	
15. Protection of cords and wires	Pass	
16. Components	Pass	
17. Screws and connections	Pass	
18. Creepage distances and clearances	Pass	
19. Resistance to heat and fire	Pass	
20. Toys incorporating lasers and or light emitting diodes	N/C	2)
Other Radiation, Toxicity and similar hazards	--	3)
Toys with an integrated field source shall comply with Annex ZC	N/A	4)

N/A = Not Applicable; N/C = Not Conducted

- Remark 1): According to the standard, instruction and other texts required by the standard should be written in the official language(s) of the country in which the product is to be sold. Only English version was reviewed in this report.
- Remark 2): Lasers and LEDs should be classified Class 1 in accordance with IEC 60825-1, which was not included in this report
- Remark 3): It is the manufacturer's responsibility to ensure the toy does not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use.
- Remark 4) The submitted sample did not incorporate part which consuming a current more than 3A.



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**DETAILS OF TEST RESULTS**

**Clause 6 Criteria for reduced testing**

6.2 The unit was not under the exemption conditions stated in this clause, therefore, clauses 7, 9 to 20 shall be applicable to be tested.

**Clause 9 Heating and abnormal operation**

9.1 No electronic protective circuit prevent the hazardous conditions listed in 9.9 or dangerous malfunction during the tests of 9.8.

9.2 The unit was placed on the floor of the test corner during normal and abnormal operation.

9.3 The rechargeable battery of unit was charged by the USB until steady conditions were established. The maximum temperature rises were recorded as follows:

Ambient temperature ( °C ) : 19.6-21.6

<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>
Enclosure (near battery)	1.0	44
Enclosure (near PCB)	1.6	44
Enclosure (near LED)	1.7	44
Enclosure (near speaker)	0.8	44

9.3 The unit was operated by 1 x 3.7V 700mAh “Li-Poly” rechargeable battery until steady conditions were established. The maximum temperature rises were recorded as follows:

Ambient temperature ( °C ) : 20.6-20.9

<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>
Enclosure (near battery)	1.3	44
Enclosure (near PCB)	1.2	44
Enclosure (near LED)	1.6	44
Enclosure (near speaker)	1.3	44



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9.4 The unit was operated by 1 x 3.7V 700mAh “Li-Poly” rechargeable battery with the different polarity being short-circuited until steady conditions were established. The maximum temperature rises were recorded as follows:

Ambient temperature ( °C ) : 20.7-22.1

<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>
Enclosure (near battery)	10.9	44

9.8 The unit was evaluated and found to comply with the relevant requirement.

**Clause 16 Components**

16.2 The sample tested was not fitted with a mercury switch or thermal cut-out which could be reset by a soldering operation.

**Clause 19 Resistance to heat and fire**

19.2.1 Glow-wire test (550 °C) in accordance with IEC 60695-2-11

<u>Location / Part</u>	<u>Result / Observation</u>
The battery compartment cover	No flame, no molten drop
The battery compartment	No flame, no molten drop



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