

Test Report No.: T51510220159EL Date: AUG 26, 2015 Page 1 of 5

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. : R1
Test Item No. : R1

Country of Origin : CHINA

Labeled Age Grading : NEW BORN-12YRS

Request Age Grading : 0+

Assessed Age Grading : UNDER 3 YEARS

Packaging : Gift Box

Rating : 1 x 3.7V 500mAh "Li-Poly" rechargeable battery

Date of receipt : JUL 16, 2015 Number of sample : 1

Date of sample first : AUG 24, 2015 Number of sample : 1

resubmit

Testing Period : JUL 16, 2015 TO AUG 26, 2015



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Test Report No.: T51510220159EL Date: AUG 26, 2015 Page 2 of 5

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

******* 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





Test Report No.: T51510220159EL Date: AUG 26, 2015 Page 3 of 5

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 | N/A | 4) |
| | Annex ZC | | |

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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Test Report No.: T51510220159EL Page 4 of 5 Date: AUG 26, 2015

| <u>DETAILS OF TEST RESULTS</u> | | | | | | |
|--------------------------------|--|--------------------------|----------------------|--|--|--|
| 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 ($^{\circ}$ C) : | 19.4-21.3 | | | | |
| | Location | Temperature Rise (K) | Limit (K) | | | |
| | Battery surface Enclosure (near PCB) Enclosure (near speaker) Surface of LED | 2.0 2.6 0.9 0.7 | 45 44 44 44 | | | |
| 9.3 | The unit was operated by 1 \times 3.7V 500mAh "Li-Poly" rechargeable battery until steady conditions were established. The maximum temperature rises were recorded as follows: | | | | | |

Ambient temperature ($^{\circ}$ C): 20.2-22.1

| Location | Temperature Rise (K) | Limit (K) |
|--------------------------|----------------------|-----------|
| Battery surface | 5.0 | 45 |
| Enclosure (near PCB) | 7.3 | 44 |
| Enclosure (near speaker) | 2.8 | 44 |
| Surface of LED | 3.4 | 44 |

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



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Test Report No.: T51510220159EL Date: AUG 26, 2015 Page 5 of 5

Clause 16 Components

The sample tested was not fitted with a mercury switch or thermal cut-out which could be reset

by a soldering operation.

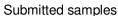
Clause 19 Resistance to heat and fire

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

Sample Photo:





SGS authenticate the photo on original report only

*** End of Report ***



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