



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52310310160EL

Date: AUG 24, 2023

Page 1 of 7

HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
HAPE INTERNATIONAL (NINGBO) LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
BEILUN, NINGBO, CHINA PC:315800

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

Name of Product/Item : E1111 LOCK & LEARN PLAYBOARD
Item No. : E1111
Country of Origin : CHINA
Country of Destination : GLOBAL
Client Reference Information : E1111K
Labeled Age Grading : 3-6 years
Request Age Grading : 3-8Y

Tested Item No. : E1111
Test Age Grading : 3 Years And Above
Power Source for Test : 3 x 1.5 V "LR44" size battery/batteries
Date of receipt : AUG 22, 2023 Number of sample: 1
Testing Period : AUG 22, 2023 TO AUG 24, 2023



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SGS-CSTC (Shenzhen) Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Member of the SGS Group (SGS SA)

Test Requested		Conclusion
1.	Test for compliance with the electric toys safety requirement with reference to: EN IEC 62115:2020 Electric toys – safety EN IEC 62115:2020/A11:2020	PASS
2.	Test for compliance with the electric toys safety requirement with reference to AS/NZS 62115: 2018 + AMD 1: 2021.	PASS*

Remark: Test item(s) with “*” is(are) not accredited by CNAS

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

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

scan to see the report



T52310310160EL

Xiao Yongbo, Spring
Supervisor
CNAS Approved Signatory



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EN IEC 62115:2020 ELECTRIC TOYS – SAFETY SPECIFICATION REQUIREMENTS & TEST RESULTS
EN IEC 62115:2020/A11:2020 SPECIFICATION REQUIREMENTS & TEST RESULTS

Clause	Assessment
1 Scope	--
2 Normative references	--
3 Terms and Definitions	--
4 General requirement	--
5 General conditions for the tests	--
6 Criteria for reduced testing	--
7 Marking and instructions	PASS
(Remark: 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.)	
8 Power input	N/A
9 Heating and abnormal operation	PASS
10 Electric strength	PASS
11 Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	N/A
12 Mechanical strength	PASS
13 Construction	PASS
14 Protection of cords and wires	PASS
15 Components	PASS
(Remark: Tests for transformer or charger or battery refer to relevant standards are excluded from the scope of accreditation)	
16 Screws and connections	PASS
17 Creepage distances and clearances	PASS
18 Resistance to heat and fire	PASS
19 Emission from electric Toys incorporating lasers and or light emitting diodes or UV emitting lamps	PASS
Toxicological hazards shall comply with EN 71 series of standards	
(Remark: 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.)	
Modulated accessible emission	
-Tested flashing frequency less than 4 Hz or more than 60 Hz	
Toys with an integrated field source shall comply with Annex I	
(Remark: The submitted sample did not incorporate part which consuming a current more than 3A.)	
(Remark: Other electromagnetic radiation (EMF) is excluded from the scope of accreditation.)	

N/A = Not Applicable



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Detail of Radiation, and similar hazards

Electric toys incorporating lasers and or LED or UV emitting lamps shall comply with requirement.

Part under test	Emission wavelength range	Peak emission wavelength	Measure distance	Measured emission	Emission limit
Warm White LED	400nm-780nm	454.6nm	200mm	0.0014W/sr	0.04W/sr
		593.6nm			

Note: About requirements in Directive 2009/48/EC

According to 2009/48/EC, name and address of manufacturer and importer, and product identification shall be indicated on the toy, or, where that is not possible, on its packaging or in a document accompanying the toy.



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AS/NZS 62115: 2018+AMD 1:2021 SPECIFICATION REQUIREMENTS & TEST RESULTS

Clause	Assessment
1 Scope	--
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3 Terms and Definitions	--
4 General requirement	--
5 General conditions for the tests	--
6 Criteria for reduced testing	--
7 Marking and instructions	PASS
(Remark: 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.)	
8 Power input	N/A
9 Heating and abnormal operation	PASS
10 Electric strength	PASS
11 Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	N/A
12 Mechanical strength	PASS
13 Construction	PASS
14 Protection of cords and wires	PASS
15 Components	PASS
16 Screws and connections	PASS
17 Creepage distances and clearances	PASS
18 Resistance to heat and fire	PASS
19 Emission from electric Toys incorporating lasers and or light emitting diodes or UV emitting lamps	PASS
Toxicological hazards shall comply with ISO 8124 series of standards	
(Remark: 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.)	
Modulated accessible emission	PASS
-Tested flashing frequency less than 4 Hz or more than 60 Hz	
Toys with an integrated field source shall comply with Annex I	N/A
(Remark: The submitted sample did not incorporate part which consuming a current more than 3A.)	

N/A = Not Applicable



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Warm White LED	400nm-780nm	454.6nm	200mm	0.0014W/sr	0.04W/sr
		593.6nm			

Remark:

- Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
- The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band [$T_U - U_{95}$, $T_U + U_{95}$]

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band [$T_L - U_{95}$, $T_L + U_{95}$]



Sample Picture (As received)

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***



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