TEST REPORT
UL 696
STANDARD FOR SAFETY
Electric Toys

Report Number..... :	KX2507310551S01
Date of issue..... :	2025-08-05
Total number of pages..... :	24 pages
Applicant's name..... :	Fox Chapel Publishing Company, Inc
Address..... :	903 Square Street Mount Joy, PA 17552 USA
Test specification:	
Standard ..... :	UL 696:2020
Test procedure..... :	UL test report
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	UL 696_1A
Test Report Form(s) Originator ..... :	KEX
Master TRF..... :	2021-03-15

General disclaimer:

The test results presented in this report relate only to the object tested.

Test Item description .....:	GoodNight, My Tiny Monster, GoodNight, My Litle Dinosaur
Trade Mark .....:	N/A
Manufacturer.....:	Guangzhou XY Printing Co.,Limited
Manufacturer Address .....:	1/F No.10, 1st Street, Kehui jingu, KexueDadao Zhong, Huangpu Dist. Guangzhou City,GuangDong, 510 530, China
Model/Type reference .....:	1
Rating.....:	5VDC, 1A

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

Testing procedure and testing location:			
☒	**Testing Laboratory:**	Shenzhen KEX Testing Technology Co., Ltd.	
Testing location/ address ..... :		101, Building A1, No. 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, China	
☐	**Associated Testing Laboratory:**		
Testing location/ address ..... :			
Tested by (name + signature)..... :		Jonny Yang	
Approved by (name + signature) ..... :		Tom Zhou	
☐	**Testing procedure: TMP/CTF Stage 1:**		
Testing location/ address ..... :			
Tested by (name + signature)..... :			
Approved by (name + signature) ..... :			
☐	**Testing procedure: WMT/CTF Stage 2:**		
Testing location/ address ..... :			
Tested by (name + signature)..... :			
Witnessed by (name + signature) ..... :			
Approved by (name + signature) ..... :			
☐	**Testing procedure: SMT/CTF Stage 3 or 4:**		
Testing location/ address ..... :			
Tested by (name + signature)..... :			
Witnessed by (name + signature) ..... :			
Approved by (name + signature) ..... :			
Supervised by (name + signature)..... :			

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

List of Attachments (including a total number of pages in each attachment):

-Appendix 1: Photo attachments. (6 pages)

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
All clauses.	Shenzhen KEX Testing Technology Co., Ltd. 101, Building A1, No. 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, China Testing Laboratory Authorization: INTERNATIONAL ACCREDITATION SERVICE Authorization Number: TL-1313

☒ **The product fulfils the requirements of** UL 696: 2020.

Form No.: UL 696_1A

Copy of marking plate

The artwork below may be only a draft.

GoodNight, My Tiny Monster, GoodNight, My Litle Dinosaur
Model: 1
Input: 5VDC, 1A
Guangzhou XY Printing Co.,Limited

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

POSSIBLE TEST CASE VERDICTS:	
- test case does not apply to the test object ..... :	N/A
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)
- Date of receipt of test item ..... :	Jul. 31, 2025
-Date (s) of performance of tests ..... :	Jul. 31, 2025 to Aug. 05, 2025
GENERAL REMARKS:	
"(See Enclosure #)" refers to additional information appended to the report. **"(See appended table)" refers to a table appended to the report.** **Throughout this report a ☐ comma / ☒ point is used as the decimal separator.** Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods.	
Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:	
The application for obtaining a Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .....:	☐ **Yes** ☒ **Not applicable**
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies) ..... :	Same as manufacturer
GENERAL PRODUCT INFORMATION:	
The product is GoodNight, My Tiny Monster, GoodNight, My Litle Dinosaur for normal used.	

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	CONSTRUCTION		**P**
6	General		P
6.1	Materials used in the construction of a toy shall not result in a risk of injury to persons, fire, or electric shock as specified in the Standard.		P
6.2	Construction is not limited to any particular material which is evaluated with respect to its intended use.		P
7	Mechanical Assembly		P
7.1	General		P
7.1.1	A toy shall be formed and assembled so that it will have the strength and rigidity required to resist the abuses to which it will be subjected without producing or increasing the risk of fire, electric shock, or injury to persons due to total or partial collapse with resulting reduction of spacings, loosening or displacement of parts, or other serious conditions.		P
7.1.2	A switch, lampholder, attachment-plug receptacle, motor-attachment plug, or similar component shall be mounted securely and prevented from turning.		P
7.1.3	The means for preventing the turning specified in 7.1.2 is to consist of more than friction between surfaces – for example, a lock washer, properly applied, is capable of being used as the means of preventing turning of a device having a single-hole mounting means.		N/A
7.1.4	A toy shall be assembled so that the vibration of usual operation will not affect it adversely.		P
7.1.5	A current-carrying component of a heating element shall be completely and individually enclosed in nonorganic material and shall be supported within this enclosure in an acceptable manner. Breakage of a heating element at any point shall not result in the element contacting a dead-metal part.		N/A
7.1.6	A toy intended to be used with food shall be constructed to exclude water from any electrical area that could present any risk of fire, electric shock, or injury to persons.		N/A
7.1.7	An electric toy also operated by batteries shall conform to the Battery Operated Toys guidelines given in the Standard Consumer Safety Specification for Toy Safety, ASTM F963, in addition to the requirements of this Standard.		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
7.2	Use of water		N/A
7.2.1	A toy shall not be used in water. An electric toy shall not be intended to be immersed in water or have a shape or construction (such as a boat) that suggests use in water.		N/A
8	Enclosures		P
8.1	General		P
8.2	Polymeric enclosures		P
8.2.1	Enclosures of polymeric material shall comply with the Standard for Polymeric Materials – Use in Electrical Equipment Evaluations, UL 746C.		P
8.3	Enclosure of live parts		P
8.4	Cast and sheet metal		N/A
8.5	Exposed live parts		P
8.5.1	An exposed live part in a toy shall not have a potential to any other part or to ground greater than 30 volts rms	5VDC	P
8.5.2	A toy provided with one or more lampholders shall be constructed so that no live part other than lampholder contacts are exposed to contact by persons removing or replacing lamps		N/A
8.6	Lamps and lampholders		N/A
9	Protection Against Corrosion		N/A
9.1	An iron or steel part shall be protected against corrosion by galvanizing, plating, enameling, or other means determined to be equivalent if the malfunction of such an unprotected part will result in a risk of fire, electric shock, or injury to persons.		N/A
10	Coatings and Platings		P
10.1	An accessible liquid coating material (such as paint, enamel, lacquer, ink, and the like) applied to a toy shall not contain compounds of lead, antimony, arsenic, barium, cadmium, chromium, mercury, or selenium exceeding amounts specified in the Standard Consumer Safety Specification for Toy Safety, ASTM F963.		P
10.2	A toy cooking appliance or other toy intended for use with or in the presence of food shall not have a plating that contains cadmium or lead.		N/A
10.3	If a plating is applied to a toy intended for use with or in the presence of food, such plating shall not flake or peel, and shall conform to the toxicology guidelines given in 4.3 of the Standard Consumer Safety Specification on Toy Safety, ASTM F963.		N/A
11	Insulating Material		N/A

Form No.: UL 696_1A

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
11.1	Material for the mounting of any insulated live part shall be porcelain, phenolic composition, cold-molded composition, or other material that is intended for the particular application, for the voltage involved, and that has capable aging characteristics		N/A
11.2	Material used to insulate a heating element shall be capable of being used for the purpose. Asbestos shall not be used in any part of the toy.		N/A
11.3	Hard fiber is to be used as an insulating bushing, a washer, a separator, or a barrier, but not as the sole support of any uninsulated live part.		N/A
12	Switches and Power-On Indication		P
12.1	A switch or other control device shall be intended for the application and shall have a rating not less than that of the load it controls.		P
12.2	A switch that controls a replaceable incandescent lamp, any electrode or lampholder contact of which is at a potential of more than 30 V rms (42.4 V peak) to any other part or to ground, shall simultaneously open both sides of the lamp circuit and shall have a marked "off" position.		N/A
12.3	A switch subjected to a temperature higher than 50°C (122°F) shall be evaluated with regard to the temperature limits of the materials used.		P
12.4	A switch employed on a toy shall be located or protected so that it is not subjected to damage during expected use or as a result of abuse.		P
12.5	A through-cord switch shall be subjected to the enclosure tests described in 25.1.1 – 25.4.3 and, with all terminal connections and through-cord individual leads severed, shall withstand the strain relief tests as described in 28.1.1 – 28.2.2.		N/A
12.6	A toy shall not use a mercury switch or incorporate a wooden handle or other combustible material unless enclosed in metal or insulating material.		N/A
12.7	A toy shall be provided with a power-on indicator and shall be readily visible and distinguishable from any "off" position indicator.		N/A
13	Transformers		N/A
13.1	A transformer that is an integral part of the toy shall be of the 2-coil, insulated type.		N/A
14	Automatic Controls		N/A
15	Receptacles		P

Form No.: UL 696_1A

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
15.1	A toy shall not be provided with a receptacle that is usable for the connection of any other electrical appliance.		P
16	Fuses		P
16.1	A toy shall not be provided with a fuse.		P
17	Motors		N/A
17.1	A motor provided as a part of a toy shall be capable of being used for the particular application, and of operating with the maximum expected load imposed by the toy without presenting a risk of fire, electric shock, or injury to persons.		N/A
18	Protection Against Injury To Persons		P
18.1	If the usual operation of a toy involves the risk of injury to persons, means shall be provided to reduce the risk.		P
18.2	A sharp edge, point, or projection that is not required to cut, pierce, penetrate, or the like during the intended functioning of the toy, but that is capable of resulting in injury to persons from usual use or after the occurrence of minor damage to the toy, shall be guarded so that it will not be contacted by persons.		P
18.3	A moving part, motor, pulley, belt, gear, or the like shall be enclosed or guarded so that contact by persons, if such a part presents a risk of injury to persons, is unlikely.		N/A
18.4	Inside an enclosure, a moving part that can present a risk of injury to persons shall be spaced away from any edge of any opening a distance at least two times the minor diameter of the opening.		N/A
18.5	A compound, material, ingredient, or the like, furnished with or in a toy, shall be other than a hazardous substance.		P
18.6	A reference to the definition of a hazardous substance can be found in the Federal Hazardous Substances Act.		P
18.7	A coating furnished on a toy shall also comply with Coatings and Platings		P
18.8	The flashpoint of molten material, wax, plastic, or equivalent shall be evaluated with regard to risk of fire, in accordance with the requirements contained in Abnormal Operation Tests,		P
18.9	A pot, pan, and the like, intended for holding molten compounds and hot liquids, shall be constructed to reduce the risk of unintentional		N/A

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	spillage		
18.10	A pot or pan having a thermally-insulated handle, and a lip or spout constructed and located as intended, is to provide the degree of protection contemplated in 18.9.		N/A
18.11	A container and each accessory (intended to be placed on or in the toy) provided with the toy shall be of such material and construction that it will not deform or melt when subjected to the maximum operating temperature as a result of expected or unexpected use.		N/A
18.12	An accessory that is offered or specified by the manufacturer shall not introduce a risk of fire, electric shock, or injury to persons when used with the product.		P
18.13	Packing film shall comply with the requirements as stated in the Standard Consumer Safety Specification for Toy Safety, ASTM F963.		P
19	Accessibility of Uninsulated Live Parts, Film-Coated Wire, Moving Parts and Heated Parts		N/A
20	Spacings		N/A
20.1	A spacing from an uninsulated live part through air and over the surface of insulating material shall not be less than indicated in Table 20.1.		N/A
20.2	If an isolated dead-metal part is in close proximity to, or interposed between, live parts of opposite polarity or a live part and an exposed dead-metal part, the spacing shall not be less than 3/64 inch (		N/A
20.3	An insulating lining or barrier of vulcanized fiber or similar material used to satisfy all or part of the spacing requirements		N/A
20.4	The spacing requirements in Table 20.1 do not apply to the inherent spacings of a component such as a snap switch; such spacings are evaluated on the basis of the requirements covering the component in question.		N/A
21	Power-Supply Connections		N/A
21.1	Cords and plugs		N/A
21.2	Strain relief		N/A
21.3	Bushings		N/A
22	Wiring		P
22.1	The internal wiring of a toy shall consist of insulated conductors having capable mechanical strength, dielectric properties, and ampacity for the particular application.		P
22.2	A wireway shall be smooth and entirely free from		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	any sharp edge, burr, fin, or moving part that may abrade conductor insulation.		
22.3	Each splice or connection shall be mechanically secure and provide capable electrical contact and insulation determined to be equivalent to that of the wire involved.		P
22.4	A wire connector for making a splice in a toy shall be a type that must be applied by a tool, and constructed so that the application force of the tool is independent of the force applied by the operator of the tool.		P
22.5	A soldered connection shall be made mechanically secure before soldering.		P
22.6	A current-carrying part shall be of copper, a copper alloy, or other electrically conductive material capable of use for the particular application.		P
23	Overheating Protection		N/A
23.1	A toy shall be provided with a separate and distinct temperature-limiting device to limit temperatures within the toy		N/A
23.2	A limiting-type device shall be a thermal cutoff, a single-operation thermostat or a manual-reset thermostat that is inaccessible to the user without the use of tools.		N/A
23.3	A single-operation thermostat or a manual-reset thermostat that is provided as the thermal limiting device shall comply with the applicable requirements in the Standard for Temperature-Indicating and Regulating Equipment		N/A
23.4	A thermal cutoff shall comply with the applicable requirements in the Standard for Thermal-Links		N/A
24	General		P
25	Abuse Tests		P
25.1	General		P
25.1.1	A toy is to be subjected to all applicable tests in this section to determine that expected use and foreseeable abuse will not result in a risk of fire, electric shock, or injury to persons.		P
25.1.2	For the purposes of this section, an enclosure is determined to be a surface or surrounding part intended to prevent access to a part involving risk of fire, electric shock, or injury to persons. A door, cover, or the like that is opened or removed during intended use is not determined to be part of the enclosure.		P
25.2	Enclosure – general		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
25.2.1	An enclosure that serves to bar access to a part involving a risk of fire, electric shock, or injury to persons shall withstand the drop, rod pressure, and pressure tests		P
25.3	Enclosure – drop		P
25.3.1	Except as noted in 25.3.2, a toy is to be dropped four times from a height of 3 feet (0.91 m) onto a concrete floor at least 2-1/2 inches (63.5 mm) thick covered with nominal 1/8-inch (3.2 mm) thick vinyl tile		P
25.3.2	A toy weighing more than 10 pounds (4.54 kg) shall be tested for impact by tipping it over three times onto the impact medium described above. Each of the tips is to result in a impact occurring at a point on the toy different from the impact point for the other tips. Three samples are to be subjected to this test.		P
25.3.3	The test described in 25.3.1 and 25.3.2 is to be conducted with the toy energized and operating, and with all dead-metal parts of the toy that are capable of becoming energized connected together electrically and grounded through a 3-ampere plug fuse		N/A
25.3.4	The toy is to come to rest after each drop or tip-over.		P
25.3.5	After the four test drops or three tip-overs, the sample is to be subjected to the Dielectric Voltage-Withstand Test		N/A
25.4	Enclosure – rod pressure		P
25.4.1	A point on the enclosure that is inaccessible to impact during the drop test because of the configuration of the enclosure, shall be subjected to a force of 20 pounds (89 N) for 1 minute.		P
25.4.2	The force is to be applied gradually using a metal rod 1/2 inch (12.7 mm) in diameter, the contact end of which is rounded to a 1/4-inch (6.4-mm) radius		P
25.4.3	The toy is then to be subjected to the Dielectric Voltage-Withstand Test,		N/A
25.5	Enclosure – pressure		P
25.5.1	If any portion of the top surface of a toy will readily support a flat surface measuring 24 square inches		P
25.5.2	The sample is then to be subjected to the Dielectric Voltage-Withstand Test, Section 31, and then examined for evidence of the		N/A

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	development of a risk of fire, electric shock, or injury to persons.		
25.6	Handles and knobs – general		N/A
25.7	Handles and knobs – crushing		N/A
25.8	Handles and knobs – lifting		N/A
26	Leakage Current Test		N/A
27	Humidity Conditioning Test		P
27.1	A toy is to be exposed for 48 hours to moist air having a relative humidity of 93 ±2 percent at a temperature of 32.0 ±2°C		P
27.2	Short-term temperature variations in the humidity chamber must be held within narrow limits to eliminate the possibility of dropping below the dew point with resultant condensation on the toy.		P
28	Strain Relief Tests		N/A
28.1	General		N/A
28.2	Drop test		N/A
29	Power Input Test		P
29.1	The current input to a toy shall not be more than 110 percent of the rated value at rated voltage.		P
29.2	The power input rating of a toy using one or more incandescent lamps as the only power consuming components will be taken as the total rated wattage of those lamps.		N/A
29.3	With reference to the requirements in 29.1, the rated voltage is determined to be the mean value of a marked voltage range.	5VDC	P
30	Temperature Test		P
30.1	When tested as described in 30.2, a toy shall not attain a temperature at any point high enough to constitute a risk of fire or to adversely affect any materials used, or a temperature rise at specific points higher than indicated in Table 30.1.		P
30.2	The toy is to be operated under conditions of intended use while connected to a circuit of rated frequency. If the voltage rating of the toy is within the range of 110 – 125 volts (inclusive), the test voltage is to be 127 volts.		N/A
30.3	The temperature test addresses performance under the maximum intended load condition.		P
30.4	The temperatures specified in Table 30.1 are based on an assumed ambient temperature of 25°C		P
30.5	A thermocouple is to be used for determining the temperature of a coil or winding if it can be mounted, without removal of encapsulating		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	compound or similar material, on the integrally applied insulation of a coil without a wrap, or on the outer surface of a wrap that is not more than 1/32 inch (0.8 mm) thick and consists of cotton, paper, rayon, or similar material		
30.6	When thermocouples are used in determining temperatures, it is common practice to use 30 AWG (0.05 mm2) iron and constantan wires and a potentiometer-type instrument. Such equipment is to be used whenever referee temperature measurements by thermocouples are required.		P
30.7	A thermocouple junction and adjacent thermocouple lead wire are to be securely held in required thermal contact with the surface of the material being measured for temperature.		P
30.8	Surfaces of a toy are classified according to their use or function		P
30.9	With regard to 30.8, a Type D surface is determined to be accessible if it can be contacted in accordance with Accessibility of Uninsulated Live Parts, Film-Coated Wire, Moving Parts and Heated Parts, Section 19.		P
30.10	With reference to Note b of Table 30.1, the thermal conductivity of a material is obtained by a comparison with other materials whose thermal conductivity is known.		P
30.11	The temperatures of a toy are to be measured with the toy operating in any unattended condition (e. g., with and without opening and closing doors or covers) for a sufficient period of time to allow temperatures to become constant and reach the maximum temperature.		P
30.12	During the temperature test, a temperature-limiting device provided for overheating protection shall not operate.		N/A
30.13	Following the temperature test, the toy is to be energized for an additional 6-hour period to determine that no risk of fire or injury would result from unattended use of the toy.		P
30.14	he thermal inertia types for materials are defined in terms of lambda where lambda is the product of the thermal conductivity (calories per centimeter per second per degree		P
31	Dielectric Voltage-Withstand Test		N/A
31.1	A toy shall be capable of withstanding without breakdown for 1 minute, a 60-Hz essentially		N/A

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	sinusoidal potential of 1000 volts applied between live parts and any dead-metal parts		
31.2	If a toy uses a low-voltage secondary winding (either in the form of a conventional transformer or as an insulated coil of a motor), the toy shall be capable of withstanding for 1 minute without breakdown, a sinusoidal test potential applied between the high- and low-voltage windings.		N/A
31.3	The test potential is to be supplied from 500 volt-ampere or larger-capacity testing transformer, the output of which can be varied.		N/A
32	Switch Overload Test		N/A
32.1	A motor-control switch that is part of a toy is to be horsepower-rated not less than the load it controls, or is to be capable of performing as intended when subjected to an overload test consisting of 50 cycles of operation, making and breaking the stall-rotor current of the toy at maximum rated voltage. There shall be no electrical or mechanical malfunction or undue burning or pitting of the switch contact.		N/A
32.2	In the overload test specified in 32.1, the toy is to be connected to a grounded supply circuit of rated frequency and maximum rated voltage with the rotor of the motor locked in position		N/A
33	Abnormal Operation Tests		P
33.1	If the toy is capable of being used in a manner not intended, such as unattended operation, it shall present no risk of fire, electric shock, or injury to persons when operated for at least 6 hours under such unusual conditions, including the most severe position in which the toy can be left.		P
33.2	An abnormal test is to be conducted with the toy connected to a circuit having a voltage in accordance with 30.2.		P
33.3	A toy heating appliance shall not char or burn a double layer of cheesecloth draped over the toy		N/A
33.4	A motor-operated toy is to be tested with the motor stalled if the construction is such that a person can touch a moving part associated with a motor from outside the toy		N/A
33.5	A toy oven, casting toy, popcorn or candy maker, or other toy with heating devices that allow or require insertion of an object is to be tested by feeding equal amounts of crumpled strips of newspaper and tissue paper into or onto the toy		N/A

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	in place of the intended product.		
33.6	The test strips specified in 33.5 shall be conditioned for at least 48 hours in air at a temperature of 25 ±4°C (77 ±7.2°F) at a relative humidity of 50 ±5 percent		N/A
33.7	If a light bulb is used for heating purposes, the test shall be conducted using the largest wattage bulb that can be easily inserted into the socket and space for the light bulb.		N/A
34	Stability Test		N/A
34.1	A toy shall not overturn when resting in an upright position on a flat surface inclined 15 degrees from the horizontal. Any resultant spillage of liquid shall not present a risk of fire, electric shock, or injury to persons.		N/A
34.2	During this test, any casters are to be in the position that will result in tipping, but they are not to be artificially held in one position to obstruct the natural rotation to another position. A material intended to be used with a toy is to be in place unless its presence increases the stability of the toy.		N/A
35	Endurance Test		N/A
35.1	If the normal operation of a movable part of a toy - for example, an accessory to insert or remove a pan – mechanically affects the electrical wiring, switches, or heating element, or moves a door, the movable part shall withstand an endurance test as described in 35.2. There shall be no electrical or mechanical malfunction of the movable part or wiring and, after the test, the toy shall comply with Dielectric Voltage-Withstand Test, Section 31.		N/A
35.2	To determine if an appliance complies with 35.1, a mechanical arrangement is to be employed to operate the movable member in the intended manner at the rate of approximately 10 cycles of operation per minute.		N/A
	MANUFACTURING AND PRODUCTION TEST		
36	Dielectric Voltage-Withstand Test		N/A
	RATINGS		
37	General		P
37.1	A toy shall be rated in volts and also in amperes, watts, or amperes and watts. The rating of a toy without a heating element shall not exceed 5 amperes		P
37.2	The rating of a toy shall include the type of		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict
	circuit on which it is intended for use, such as AC.		
37.3	The rating shall include the frequency if the toy uses a motor, coil, or other alternating-current component. Frequency is to be expressed in any one of the following terms: hertz, Hz, cycles-per-second, cps, cycles/second, or c/s.		P
	MARKINGS		
38	General		P
38.1	A marking shall be paint-stenciled, die-stamped, molded, or indelibly-stamp block lettered.		P
38.2	A marking		P
	Clearly convey the prescribed message and be located so as to be readily visible during customary conditions of purchase, storage, and use.		P
	Contrast sharply with its background by color.		P
	Be in the English Language (other languages may also be included if appropriate).		P
	Have a height not less than that specified in Table 38.1.		P
39	Cautionary		P
39.1	On the toy		P
39.2	On the carton		P
40	Informational		P
40.1	On the toy		P
40.2	On the carton		P
	INSTRUCTIONS		
41	General		P

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

UL 696			
Clause	Requirement + Test	Result - Remark	Verdict

30	**Temperature measurements**					P
	Condition ..... :	5Vdc, 1A	--	--	--	—
	Ambient T_{min} (°C) ..... :	23.2	--	--	--	—
	Ambient T_{max} (°C) ..... :	23.8	--	--	--	—
	Tma (°C) ..... :	25.0	--	--	--	—
Maximum measured temperature T of part/at:		T (°C)				Allowed T_{max} (°C)
Battery surface		29.7	--	--	--	45
Wire		26.9	--	--	--	80
Enclosure		25.1	--	--	--	65
PCB		26.5	--	--	--	130
Ambient		23.5	--	--	--	--
Supplementary information:--						

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

-Appendix 1: Photo document.

Photo 1: Overall view

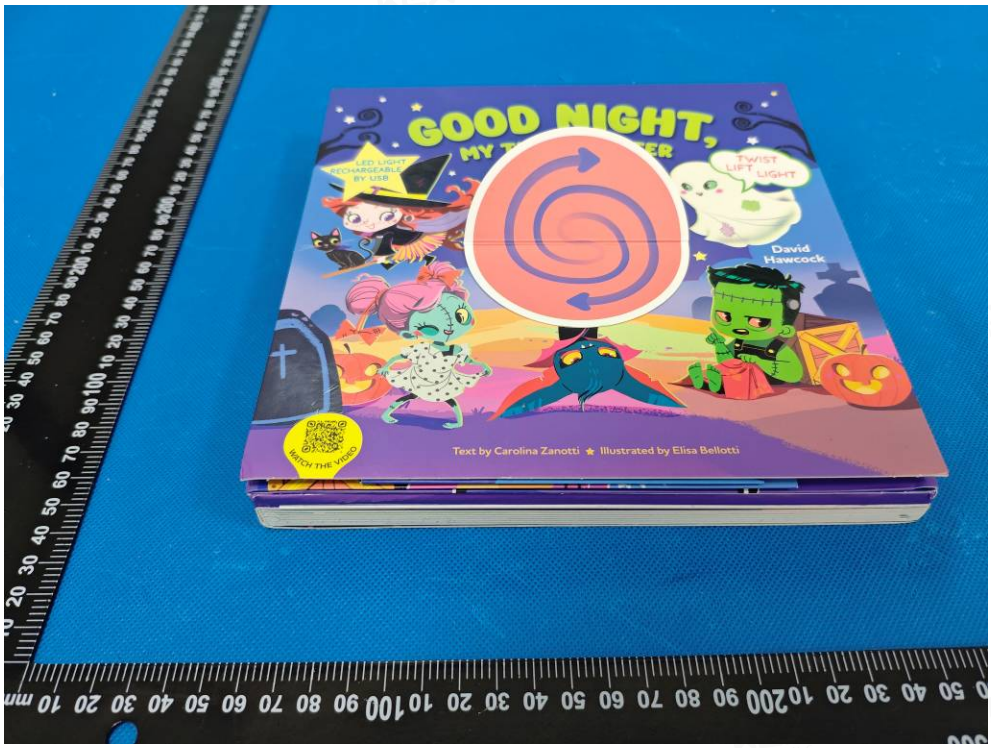

Photo 2: Overall view

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

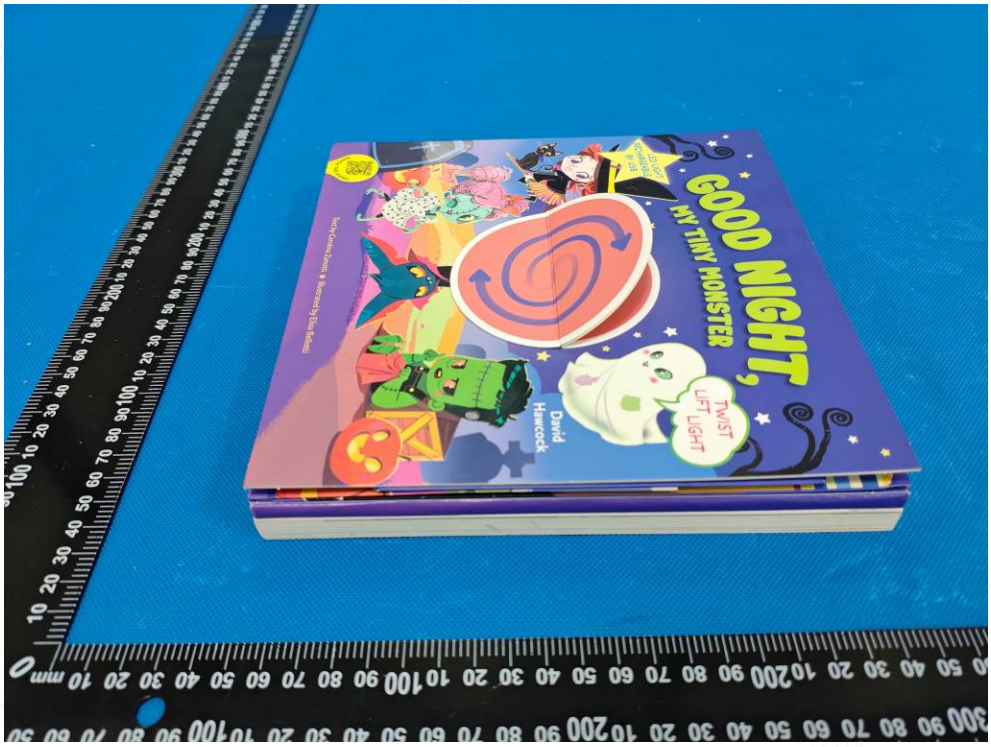

Photo 3: Overall view

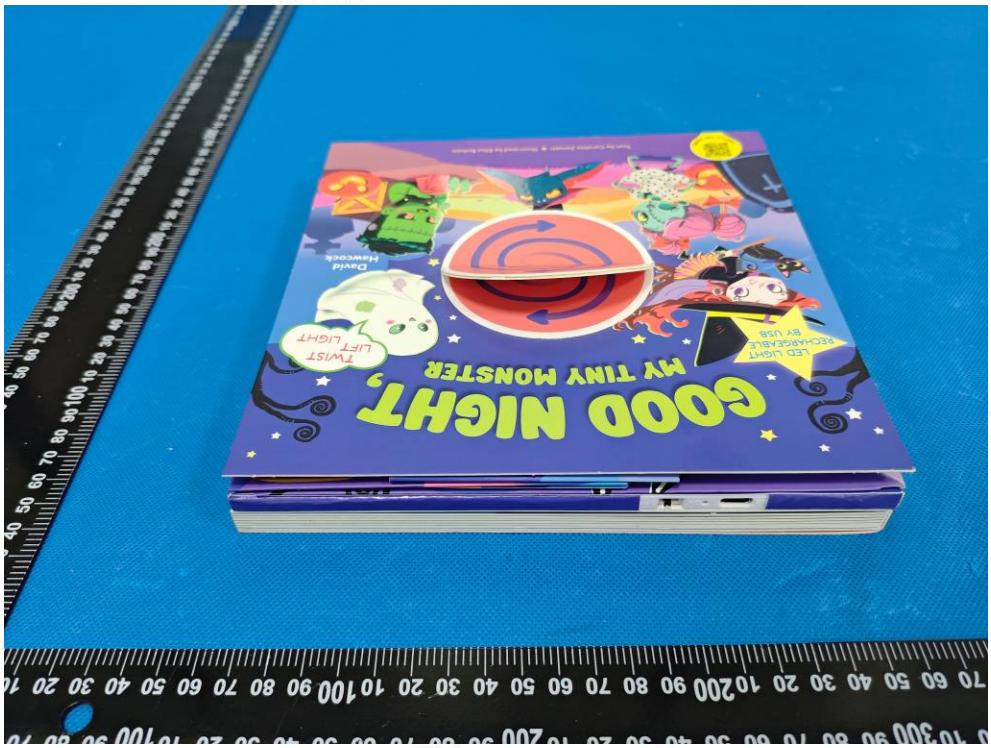

Photo 4: Overall view

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province , China

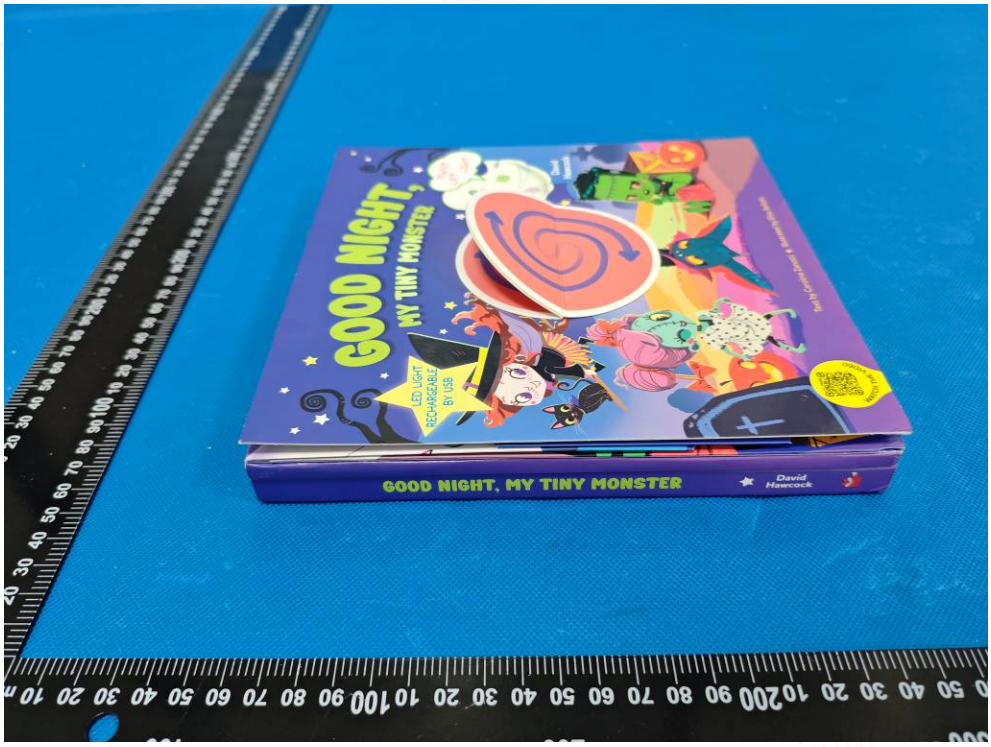

Photo 5: Overall view

Photo 6: Overall view

Form No.: UL 696_1A

Photo 7: Overall view

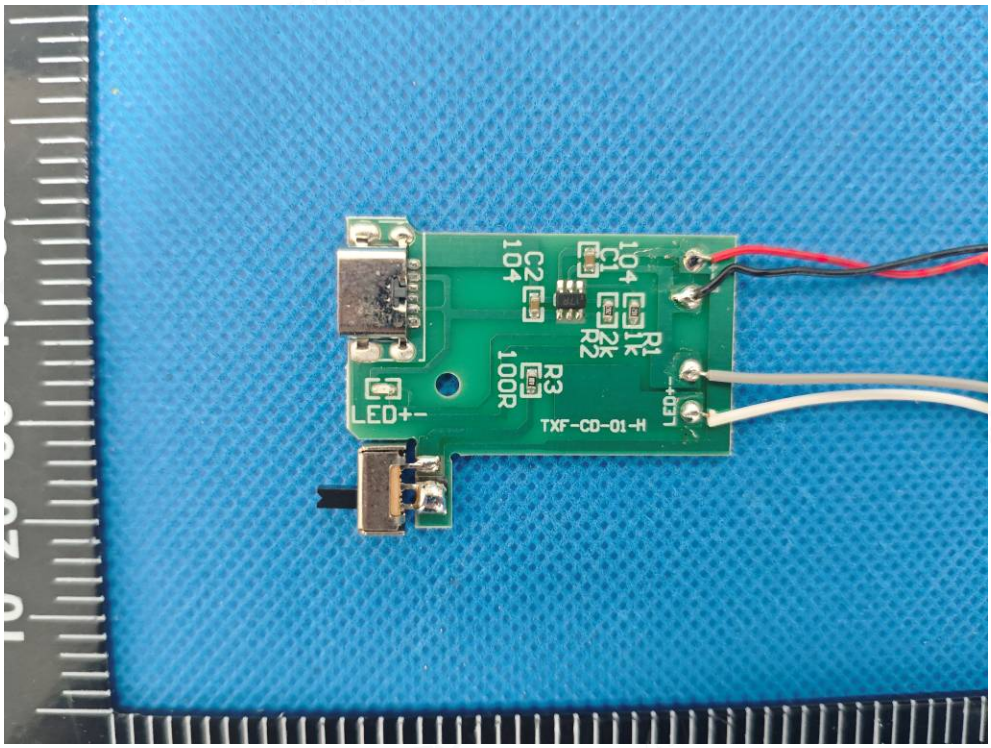

Photo 8: PCB view

Form No.: UL 696_1A

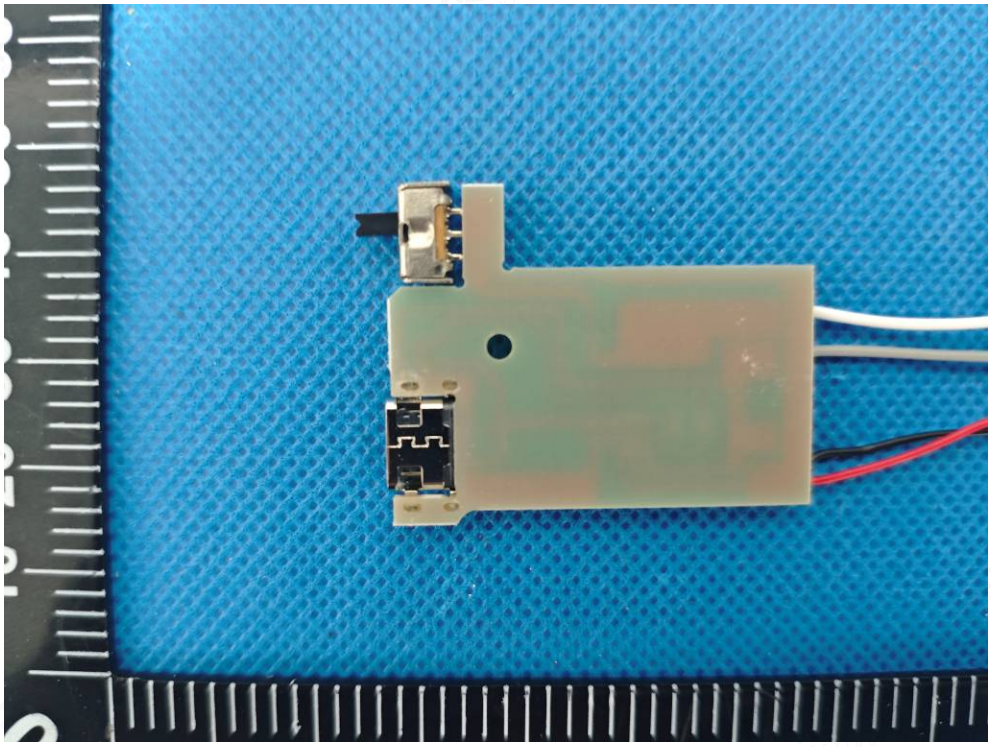

Photo 9: PCB view

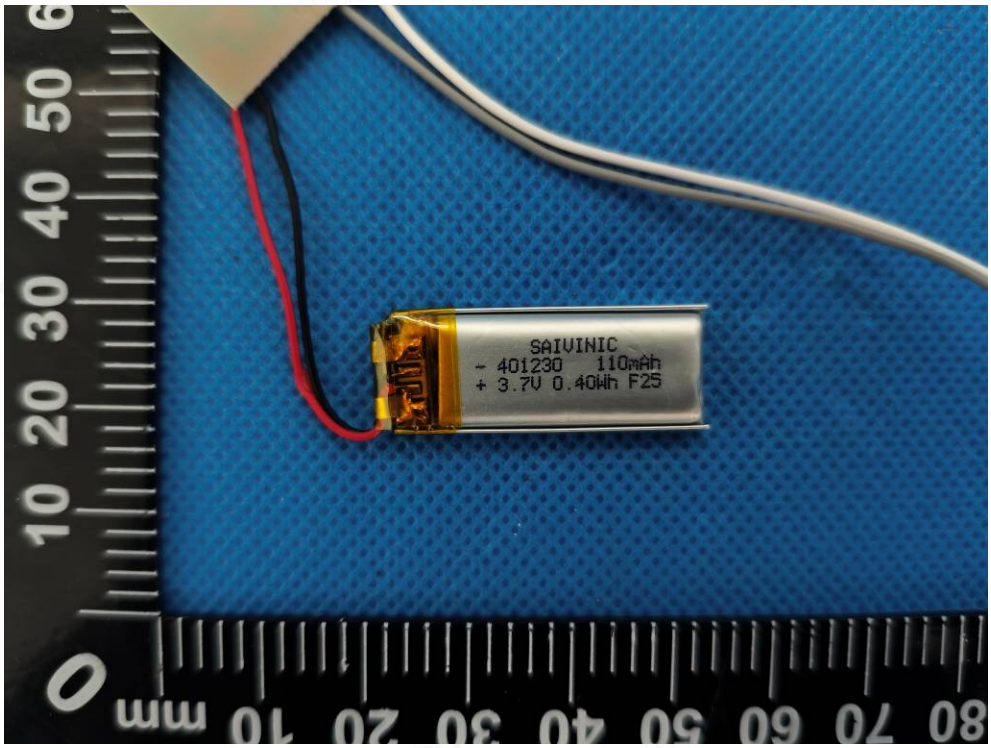

Photo 10: Battery view

Shenzhen KEX Testing Technology Co., Ltd. E-mail: service@kextest.com Tel.: +86-0755-27086001 Web: www.kextest.com
Add: 101, Building A1, No . 2082 Jincheng Road, Haoxiang Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province，China

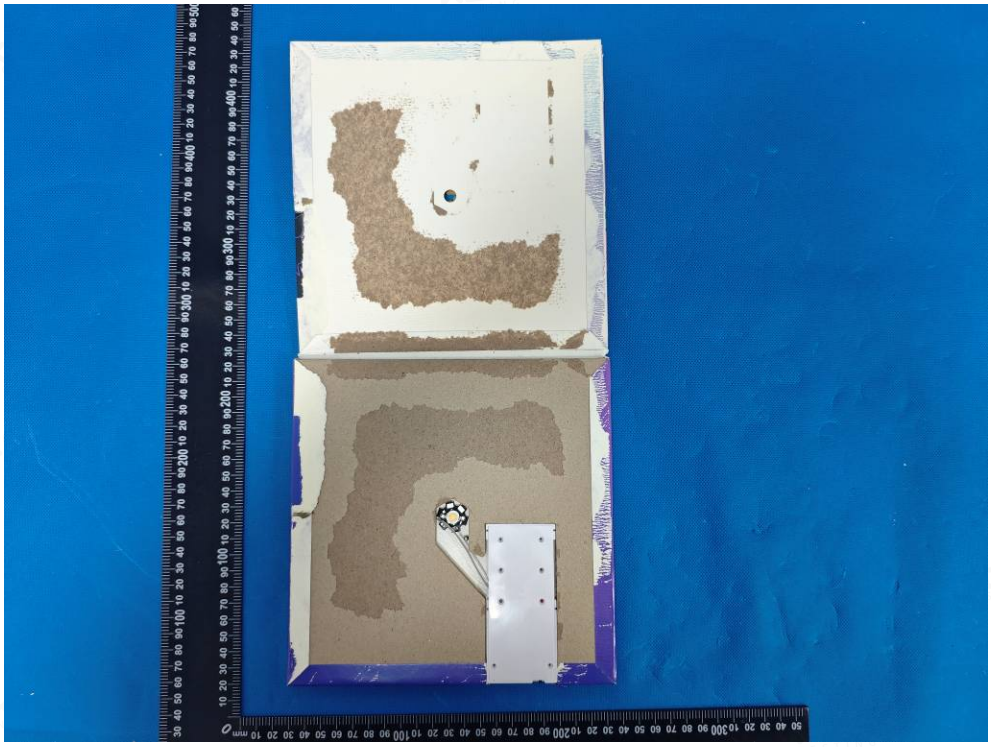

Photo 11: Internal view

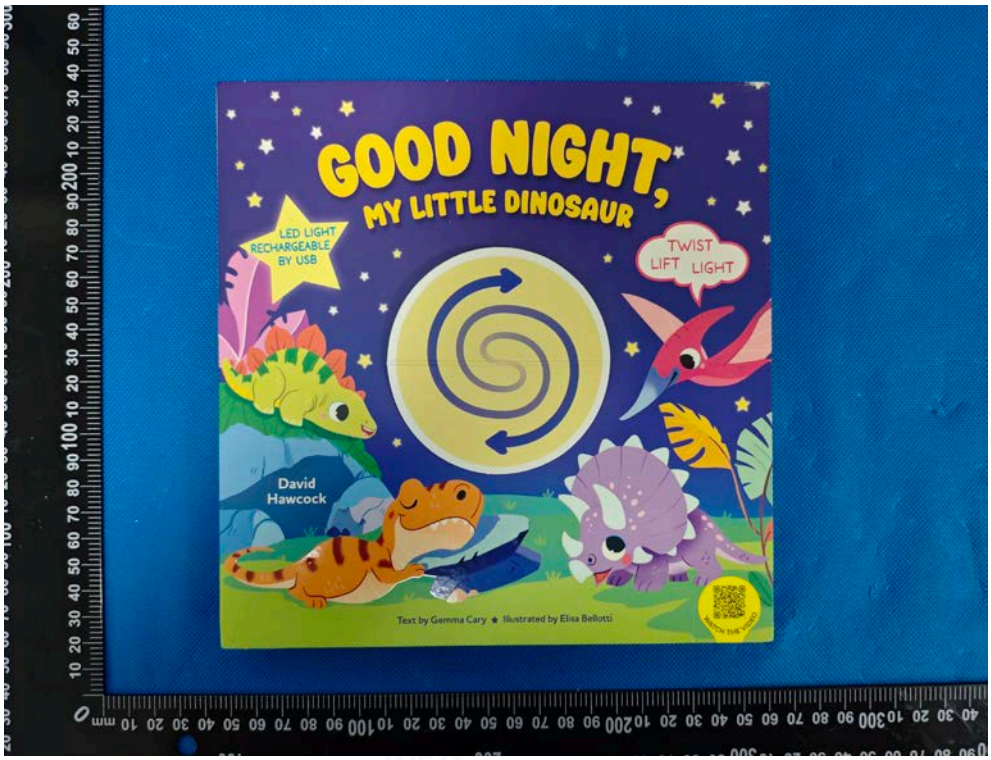

Photo 12: Additional model view

----------End of report----------

Form No.: UL 696_1A