

Test Report

Number: SHAH01680286

Applicant: NINGBO PRINCE TOYS CO.,LTD.
NO.777 EAST TAOYUAN ROAD,GUANHAIWEI
TOWN,CIXI CITY,ZHEJIANG,CHINA
Attn: SKY

Date: 22 May, 2024

Sample Description:

One(1) set of submitted sample said to be :
Item Name : **Children Battery Ride On Car.**
Item No. : **707.**
Quantity : 1 Set.
Packaging Provided By Applicant : Yes.
Labelled Age Group : 3-6years.
Country Of Origin : China.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample Set A	ASTM F963-23 Section 4.25, 5.14, 6.5, 6.6, 6.9 and 7.2 for Battery-Powered Ride-On Toys	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch

Bobo Yao
Assistant General Manager



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1 Battery Powered Ride-On Toys (Sample Set A)*

As per ASTM F963-23 Consumer Safety Specification for Toy Safety Section 4.25, 5.14, 6.5, 6.6, 6.9 and 7.2

Applicant's Specified Age Group for Testing: 36 - 72 Months

Type of battery: Vehicle: 12 V 7Ah, Lead-acid rechargeable battery X 1pc;
Steering wheel: 3 V, AA size X 2pcs;
Remote: 3 V, AAA size X 2pcs

Charger type: Input 120 V A.C., Output 12 V D.C. (Provided)

Model: SL12-12-03G

Electric operated function: Battery powered motion, sound and LED light.

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.25.1	Battery marking	P
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	P
4.25.4	Batteries accessible	P
4.25.5	Isolation of batteries of different types or capacities	P
4.25.6	Temperature of battery surface	P
4.25.7	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.8	Packaging and Instruction requirement	P
	- 5.14 Non-replaceable battery statement in battery operated toys	P
	- 5.14.2 Button or coin cell batteries	NA
	- 6.5 Instruction on safe usage of battery	P
	- 6.9 Toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies)	NA
4.25.9	Battery-powered ride-on toys	P
4.25.9.1	The maximum temperature measured on the insulation of any conductor shall not exceed the temperature rating of the material.	P
4.25.9.2	Battery powered ride on toys shall not present a risk of fire in stalled motor test.	P
4.25.9.3	A battery powered ride on toy designed with a wiring system that has a user replaceable device (fuse type) for the primary circuit protection or a wiring system with user resettable primary circuit protection (manual reset fuse) shall not actuate (open or trip) when tested in accordance with the nuisance tripping test.	NA
4.25.9.4	Switches used in battery powered ride on toys.	P
	- Polymeric materials in switches used in battery powered ride on toys that are used to support current carrying parts shall carry a minimum flame rating of UI-94 V-0 or have a glow wire ignition rating of 750°C.	
	- The switch body shall not result in a short circuit condition when subjected to the switch endurance test and overload tests.	
	- The switch shall not fail in a mode that could cause the vehicle to run continuously (switch stuck in the "on" position) when subjected to the endurance test and the overload test.	



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4.25.9.5	User replaceable circuit protection devices in battery powered ride on toys. - User replaceable circuit protection devices provided by the manufacturer in battery-powered ride-on toys shall be listed, recognized or certified by a Nationally Recognized Test Laboratory (NRTL) (that is, a laboratory recognized in accordance with 29 CFR 1910) to an appropriate electrical safety standard. - All circuit protection devices used in battery powered ride on toys intended to be replaced by the user shall be replaceable only with the use of a tool or by a design which does not easily allow tempering such as a design requiring excessive force to open.	NA
4.25.9.6	Batteries and battery chargers. - Battery connectors must be constructed of material with a UL94 V-0 flame rating or have a glow wire ignition rating of 750°C. - The battery charging system shall not present a risk of fire due to a short circuit condition applied to any point in the length of a charger/battery. - During charging, battery-charging voltages shall not exceed the recommended charging voltages. - Battery charges must be certified to the appropriate standard body. Reference document of certified body: UL E238442	P
4.25.9.7	Wiring connected to the main/motor battery shall be short circuit protected and shall not present the risk of fire.	P
4.25.9.8	Strain relief shall be provided to prevent mechanical stress on wires entering a connector block during routine maintenance.	P
4.25.9.9	Battery powered ride on toys shall comply with the requirements for safety labelling, for additional instructional literature, and for required producer's markings. - 5.14.1 Safety warnings of battery powered ride on toys - 6.6 Instructions - 7.2 Producer's marking	P
4.25.10	Toys that contain secondary cells or secondary batteries	NA

Remark: P = Pass NA = Not Applicable

Date Sample Received: 18 Apr, 2024 & 17 May, 2024

Testing Period: 18 Apr, 2024 to 17 May, 2024

To be continued

Remark: *The item is accredited and subcontracted to the organization complied with ISO/IEC 17025.

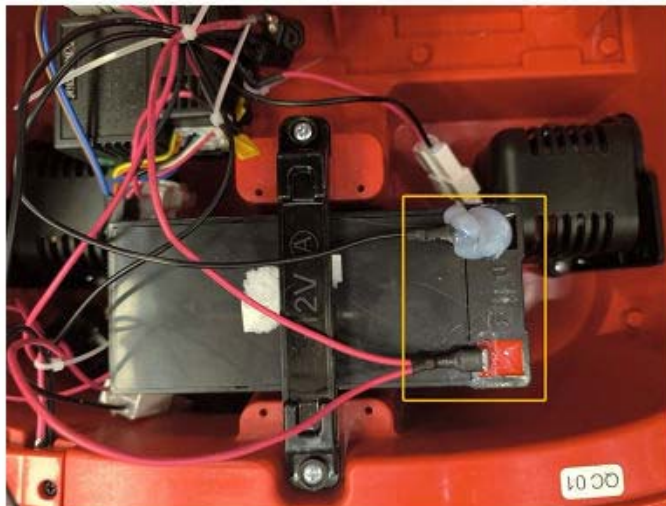


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Photo



Model:707
Name of Manufacturer:
Ningbo Prince Toys Co.,Ltd
Address:No.777 East Taoyuan Road,
Guanhaiwei Town,Cixi City,Zhejiang,China.
Postcode:315314
Name of Importer :
Huffy Corporation
Address:8877 Gander Creek Dr Miamisburg, OH
45342
Date of production:2024.05

To be continued



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The Photos Were Submitted By The Client, Not Tested, Only For Reference.



End Of Report

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