

TEST REPORT

APPLICANT : ANHUI HARLEY BABY CAR CO., LTD

ADDRESS : No.18 Penglin Road, Dashu Town, Quanjiao County,
Chuzhou City, Anhui Province, China.

SAMPLE DESCRIPTION : Children Car

ITEM NO. : HL700-2,HL700-3, AHL003,HL300,AHL008,LS-128A

SAMPLE RECEIVED DATE : 19-Apr-2024

FURTHER INFORMATION DATE : 23-Apr-2024

TURN AROUND TIME : 19-Apr-2024 to 24-Apr-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Battery-Operated Toys and Battery-Powered Ride-On Toys	ASTM F963-17 Section 4.25, 5.15, 6.5, 6.6 and 7.2	Pass
Battery-Operated Toys and Battery-Powered Ride-On Toys	ASTM F963-23 Section 4.25, 5.14, 6.5, 6.6, 6.9 and 7.2	Pass

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Hangzhou) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will consider the measurement uncertainty as calculated by our laboratory and apply according to ILAC G8:09/2019-(binary acceptance base on guard band). If you happen to have any comments, please do it by sending email to info.hz@cpt.eurofinscn.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Hangzhou) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint.hz@cpt.eurofinscn.com and referring to this report number.

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

Signed for and on behalf of
Eurofins Product Testing Service (Hangzhou) Co., Ltd

Sara

Sara Liu
Quality Manager



SAMPLE PHOTO(S)

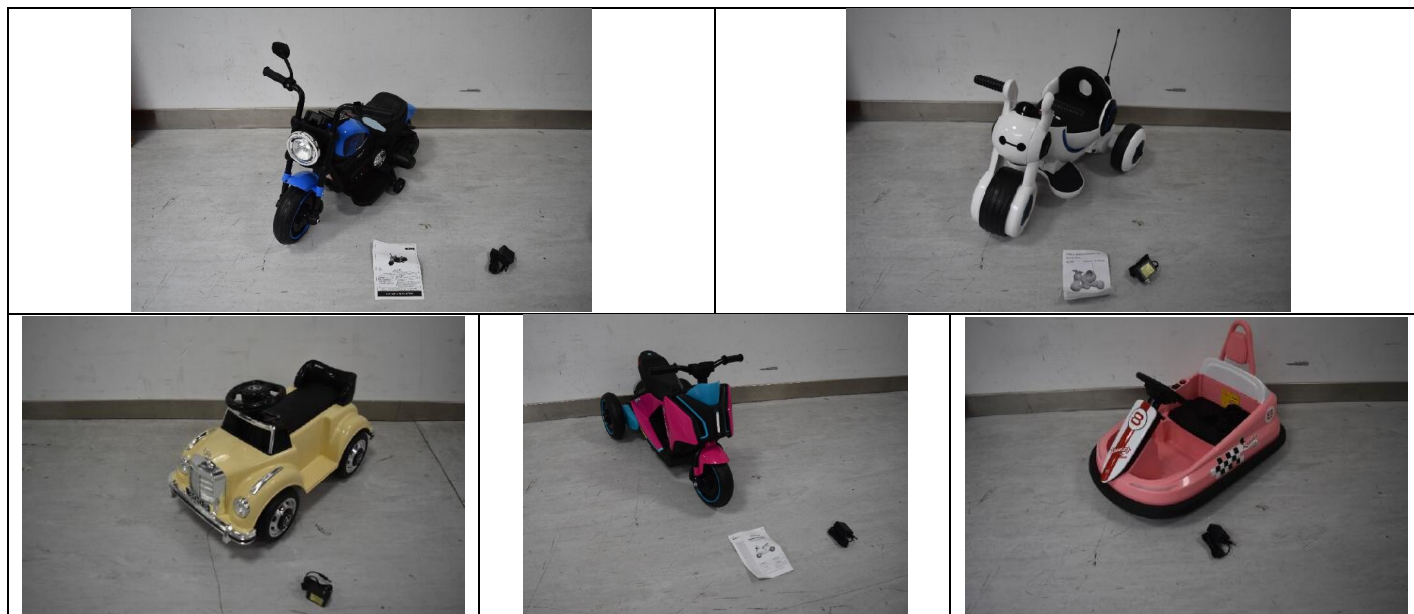


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EFHZ24044516-CG-01

TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)



The reference samples have not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "sample photo".

TO BE CONTINUED

TEST RESULT

Battery Powered Ride-On Toys

As per ASTM F963-17 consumer safety specification for toy safety section 4.25, 5.15, 6.5, 6.6 and 7.2.

Type of battery: 6V 4.5-4AH, Lead-acid rechargeable x 1 pc

Charger type: Input: 100-120V A.C, Output: 6V D.C. (Provided)

Model: HK012-060100AXU

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	Accessible batteries	P
4.25.5	Accessible batteries that can fit completely within small part cylinder	NA
4.25.6	Isolation of batteries of different types or capacities	NA
4.25.7	Temperature of battery surface	P
4.25.8	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.9	Packaging and Instruction requirement	P
	- 5.15 Non-replaceable battery statement in battery operated toys	P
	- 5.15.2 Button or coin cell batteries	NA
	- 6.5 Instruction on safe usage of battery	NA
4.25.10	Battery-powered ride-on toys	P
4.25.10.1	The maximum temperature measured on the insulation of any conductor shall not exceed the temperature rating of the material.	P
4.25.10.2	Battery powered ride on toys shall not present a risk of fire in stalled motor test.	P
4.25.10.3	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
4.25.10.4	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.	
4.25.10.5	User replaceable circuit protection devices in battery powered ride on toys.	NA
	- 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	

TO BE CONTINUED

TEST RESULT

	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.	
4.25.10.6	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 E504979	P
4.25.10.7	Wiring connected to the main/motor battery shall be short circuit protected and shall not present the risk of fire.	P
4.25.10.8	Strain relief shall be provided to prevent mechanical stress on wires entering a connector block during routine maintenance.	P
4.25.10.9	Battery powered ride on toys shall comply with the requirements for safety labelling, for additional instructional literature, and for required producer's markings. - 5.15.1 Safety warnings of battery powered ride on toys - 6.6 Instructions - 7.2 Producer's marking	P
4.25.11	Toys that contain secondary cells or secondary batteries	

Remark: P = Pass NA = Not Applicable

The test item is subcontracted to other lab.

TO BE CONTINUED

TEST RESULT

Battery Powered Ride-On Toys

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

Type of battery: 6V 4.5-4AH, Lead-acid rechargeable x 1 pc

Charger type: Input: 100-120V A.C, Output: 6V D.C. (Provided)

Model: HK012-060100AXU

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	NA
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	NA
	- 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.	
4.25.9.5	User replaceable circuit protection devices in battery powered ride on toys.	NA

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	- 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.	
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 E504979	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

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END OF THE REPORT