



TEST REPORT

Prepared for:

XINGTAI TECHANG BICYCLE CO., LTD.

HEGUMIAO INDUSTRIAL ZONE PINGXIANG COUNTY HEBEI

Product Name: Children's electric car

Model Name: HM6588

Trade Name: N/A

Date of Test: From September 07, 2022 to September 13, 2022

Date of Report: September 13, 2022

Report Number: HK2209078006-1RR

Prepared by:

Shenzhen HUAKE Testing Technology Co., LTD.

**1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street,
Bao'an District, Shenzhen, Guangdong, China**



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 2 of 21

Applicant: XINGTAI TECHANG BICYCLE CO., LTD.
Address: HEGUMIAO INDUSTRIAL ZONE PINGXIANG COUNTY HEBEI
Manufacturer: XINGTAI TECHANG BICYCLE CO., LTD.
Address: HEGUMIAO INDUSTRIAL ZONE PINGXIANG COUNTY HEBEI

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Children's electric car
Model No. : HM6588
Trade Name: N/A
Tested Age Grade : Over 3 year of age
Labeled Age Grading : Over 3 year of age
Appropriate Age Grade : Over 3 year of age
Sample Receiving Date: September 07, 2022
Testing Period: From September 07, 2022 to September 13, 2022
Results: Please refer to next page(s).

Signed for and on behalf of HUAKE

Approved by: _____
Lab Manager

Remark: Only selected materials were tested as per client's requirement.



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 3 of 21

Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

Summary of Test Results:

TEST REQUEST

CONCLUSION

A	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	
	1.-Mechanical and Physical Tests	PASS
	2.-Section 4.2 Flammability Tests	PASS
	3.-Section 4.3.5.1 Heavy Metals Content in paint and similar surface coating material	NA
	4.-Section 4.3.5.2 Heavy Metals Content in Toy Substrate Materials	PASS
B	- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	NA
C	- USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule	PASS
	- USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates	PASS
D	- USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	PASS
E	-CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))	PASS

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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 4 of 21

Results:

**A.1 ASTM F963-17 Standard Consumer Safety Specification for Toy Safety
-Mechanical and Physical Tests**

Applicable Section	Description	Result
4	Safety requirements	
4.1	Material quality	Pass
4.3.7	Stuffing Materials	NA
4.4	Electrical/thermal energy	Pass
4.5	Sound producing toys	Pass
4.6	Small objects	Pass
4.7	Accessible edges	Pass
4.8	Projections	Pass
4.9	Accessible points	Pass
4.10	Wires or rods	NA
4.11	Nails and fasteners	Pass
4.12	Plastic film	Pass
4.13	Folding mechanisms and hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and over-load requirements	Pass
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	Pass
4.18	Holes, clearance, and accessibility of mechanisms	Pass
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	Pass
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller carriage toys	NA
4.29	Art materials	NA

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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 5 of 21

Applicable Section	Description	Result
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	Pass
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labeling requirements	
5.2	Age grading labeling	Pass
5.3	Safety labeling requirements	Pass
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled By an Adult	Pass
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small objects, Small balls, Marbles and balloons	Pass
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.15	Battery-Operated Toys	Pass
5.16	Promotional Materials	NA
5.17	Magnets	NA
6	Instructional literature	
6.1	Definition and description	Pass
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA

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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 6 of 21

Applicable Section	Description	Result
6.4	Toys Intended to be Assembled By an Adult	Pass
6.5	Battery-Operated Toys	Pass
6.6	Battery Powered Ride-on Toys	Pass
6.7	Toys in Contact with Food	NA
6.8	Toys Chests	NA
7	Producer's markings	
7.1	Name and address of the producer or distributor	Pass
7.2	Battery-Powered Ride-on Toys	Pass
7.3	Toy chests	NA

Note:

--NA= Not Applicable

-- NC = Not Conducted (According to customer requirement, no evaluation of this clause)

Use and abuse testing:

Applicable Section	Description	Test Condition	Result
8.5	Normal use testing		Pass
8.6	Abuse testing		Pass
8.7	Impact test	4dropsat3.0ft.	Pass
8.8	Torque test	4in-lbs.	Pass
8.9	Tension test	15 lbs.	Pass
8.10	Compression test	30lbs.	Pass

A.2 Section 4.2 Flammability

Flammability test of material

Method used: FHSA 16 CFR 1500.44: Method for determining extremely flammable and flammable solids.

Sample	Burn rate (in/sec.)	Result
Red plastic	DNI	Pass

Note: In accordance with the ASTM F963, the burning rate should not be greater than 0.1 inch per second.

DNI = Did Not Ignited

SE = Self-Extinguished

IBE = Ignite But Extinguished



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 7 of 21

Tested part(s):

Seq. no	Part(s) name
1	Red plastic

A.3 Section 4.3.5.1 Heavy Metals content in paint and similar surface coating material

(1) Total Lead Content

Test method: With reference to ASTM F963-17 Section 8.3.1, sample was digested with acid mixture and Analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit
			1	
Lead Content (Pb)	mg/kg	2	NA	90
Conclusion	/	/	NA	/

(2) Soluble Heavy Metals Content

Test method: With reference to ASTM F963-17 Section 8.3.2. The heavy metals content was determined by inductively Coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit
			1	
Soluble Lead (Pb)	mg/kg	2	NA	90 mg/kg
Soluble Antimony (Sb)	mg/kg	2	NA	60 mg/kg
Soluble Arsenic (As)	mg/kg	2	NA	25 mg/kg
Soluble Barium (Ba)	mg/kg	2	NA	1000 mg/kg
Soluble Cadmium (Cd)	mg/kg	2	NA	75 mg/kg
Soluble Chromium(Cr)	mg/kg	2	NA	60 mg/kg
Soluble Mercury (Hg)	mg/kg	2	NA	60 mg/kg
Soluble Selenium (Se)	mg/kg	2	NA	500 mg/kg
Conclusion	/	/	NA	/



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 8 of 21

A.4 Section 4.3.5.2 Heavy Metals Content in Toy Substrate Materials

(1) Total Lead Content

Test method: With reference to ASTM F963-17 Section 8.3.1, sample was digested with acid mixture and Analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit
			1	
Lead Content (Pb)	mg/kg	2	N.D.	100
Conclusion	/	/	Pass	/

(2) Soluble Heavy Metals Content

Test method: With reference to ASTM F963-17 Section 8.3.2. The heavy metals content was determined by inductively Coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit
			1	
Soluble Lead (Pb)	mg/kg	2	N.D.	90 mg/kg
Soluble Antimony (Sb)	mg/kg	2	N.D.	60 mg/kg
Soluble Arsenic (As)	mg/kg	2	N.D.	25 mg/kg
Soluble Barium (Ba)	mg/kg	2	N.D.	1000 mg/kg
Soluble Cadmium (Cd)	mg/kg	2	N.D.	75 mg/kg
Soluble Chromium (Cr)	mg/kg	2	N.D.	60 mg/kg
Soluble Mercury (Hg)	mg/kg	2	N.D.	60 mg/kg
Soluble Selenium (Se)	mg/kg	2	N.D.	500 mg/kg
Conclusion	/	/	Pass	/



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 9 of 21

B. USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint

Test method: Lead in paint and other similar surface coatings: With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Item	Unit	MDL	Results	Limit
			1	
Lead Content (Pb)	mg/kg	5	NA	90
Conclusion	/	/	NA	/

C. USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children’s products containing lead; lead paint rule

(1) Substrate Materials

Test method: With reference to CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

Item	Unit	MDL	Results	Limit
			1	
Lead Content (Pb)	mg/kg	5	N.D.	100
Conclusion	/	/	Pass	/

(2) Paint and similar surface coating material

Test method: Lead in paint and other similar surface coatings: With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Item	Unit	MDL	Results	Limit
			1	
Lead Content (Pb)	mg/kg	5	NA	90
Conclusion	/	/	NA	/



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 10 of 21

D. USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates

USA 16 CFR Part 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test method: With reference to CPSC-CH-C1001-09.4, by sol vent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

Item	Unit	MDL	Results	Limit
			1	
Dibutyl Phthalate (DBP)	mg/kg	30	N.D.	1000
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	1000
Bis-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	30	N.D.	1000
Diisononyl Phthalate (DINP)	mg/kg	100	N.D.	1000
Di-isobutyl Phthalate (DIBP)	mg/kg	100	N.D.	1000
Dicyclohexyl Phthalate (DCHP)	mg/kg	100	N.D.	1000
Di-n-hexyl Phthalate (DHEXP)	mg/kg	100	N.D.	1000
Di-n-pentyl Phthalates (DPENP)	mg/kg	100	N.D.	1000
Conclusion	/	/	Pass	/

Note:

- N.D. =Not Detected or less than MDL.
- MDL=Method Detection Limit.
- NA= Not Applicable
- %=Percentage by weight.
- 0.1%=1000mg/kg, mg/kg=ppm.

The selection of test portions is strongly recommended by the client and the conclusion of chemical test is only for the selected portion.



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 11 of 21

E. CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))

Applicable Section	Description	Result
(a)(5) (A)	Effective 1 year after the date of enactment of the Consumer Product Safety Improvement Act of 2008, the manufacturer of a children's product shall place permanent, distinguishing marks on the product and its packaging, to the extent practicable, that will enable—	Pass
(i)	the manufacturer to ascertain the location and date of production of the product, cohort information (including the batch, run number, or other identifying characteristic), and any other information determined by the manufacturer to facilitate ascertaining the specific source of the product by reference to those marks; and	Pass
(ii)	the ultimate purchaser to ascertain the manufacturer or private labeler, location and date of production of the product, and cohort information (including the batch, run number, or other identifying characteristic).	Pass
(B)	The Commission may, by regulation, exclude a specific product or class of products from the requirements in subparagraph (A) if the Commission determines that it is not practicable for such product or class of products to bear the marks required by such subparagraph. The Commission may establish alternative requirements for any product or class of products excluded under the preceding sentence consistent with the purposes described in clauses (i) and (ii) of subparagraph (A).	NA
(b)	The Commission may by rule prescribe reasonable testing programs for any product which is subject to a consumer product safety rule under this Act, or a similar rule, regulation, standard, or ban under any other Act enforced by the Commission, and for which a certificate is required under subsection (a). Any test or testing program on the basis of which a certificate is issued under subsection (a) may, at the option of the person required to certify the product, be conducted by an independent third party qualified to perform such tests, unless the Commission, by rule, requires testing by an independent third party for a particular rule, regulation, standard, or ban, or for a particular class of products.	Pass
(c)	The Commission may by rule require the use and prescribe the form and content of labels which contain the following information (or that portion of it specified in the rule) —	Pass
(1)	The date and place of manufacture of any consumer product.	Pass
(2)	The cohort information (including the batch, run number, or other identifying characteristic) of the product.	Pass
(3)	A suitable identification of the manufacturer of the consumer product, unless the product bears a private label in which case it shall identify the private labeler and shall also contain a code mark which will permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.	Pass
(4)	In the case of a consumer product subject to a consumer product safety rule, a certification that the product meets all applicable consumer product safety standards and a specification of the standards which are applicable. Such labels, where practicable, may be required by the Commission to be permanently marked on or affixed to any such consumer product. The	Pass

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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 12 of 21

Applicable Section	Description	Result
	Commission may, in appropriate cases, permit information required under paragraphs (1) and (2) of this subsection to be coded.	
(d)	REQUIREMENT FOR ADVERTISEMENTS.—No advertisement for a consumer product or label or packaging of such product may contain a reference to a consumer product safety rule or a voluntary consumer product safety standard unless such product conforms with the applicable safety requirements of such rule or standard.	Pass
(e)	WITHDRAWAL OF ACCREDITATION-	Pass
(f)	DEFINITIONS.--In this section	Pass
(g)	REQUIREMENTS FOR CERTIFICATES.-- (1) IDENTIFICATION OF ISSUER AND CONFORMITY ASSESSMENT BODY.--Every certificate required under this section shall identify the manufacturer or private labeler issuing the certificate and any third party conformity assessment body on whose testing the certificate depends. The certificate shall include, at a minimum, the date and place of manufacture, the date and place where the product was tested, each party's name, full mailing address, telephone number, and contact information for the individual responsible for maintaining records of test results.	Pass
(h)	RULE OF CONSTRUCTION.	Pass
(i)	ADDITIONAL REGULATIONS FOR THIRD PARTY TESTING	Pass

** Modified History **

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2022/09/13	Jason Zhou
Revision 2.0	All test data were obtained from: HK2209078005-1RR	2022/09/13	Jason Zhou



TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 13 of 21

Photograph of Sample



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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 14 of 21



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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 15 of 21



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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 16 of 21



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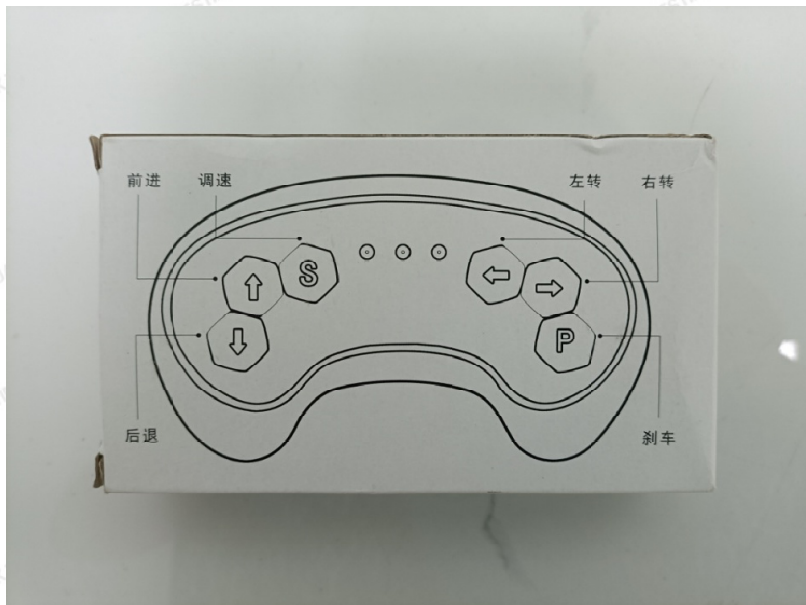


TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 17 of 21



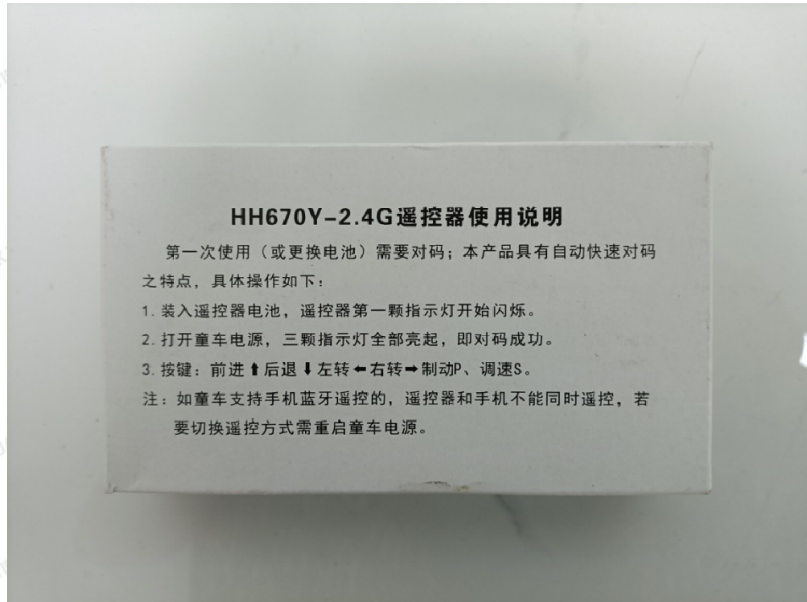


TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 18 of 21





TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 19 of 21



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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 20 of 21



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TEST REPORT

REPORT No.: HK2209078006-1RR

Date: September 13, 2022

Page 21 of 21



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