

TEST REPORT

Applicant: Huizhou Jingyan Trading Co., LTD.

Address: 601, 6th Floor, No. 34, Yinghu Road, Xianan Village, Yuanzhou Town, Boluo County

Manufacturer: Huizhou Jingyan Trading Co., LTD.

Address: 601, 6th Floor, No. 34, Yinghu Road, Xianan Village, Yuanzhou Town, Boluo County

Report on the submitted samples said to be:

Sample Name: Electric Bike

Sample Description: Electric bicycle driving

Trade Mark: N/A

Model No.: T40

ASIN: N/A

Requested Age: 18-60 years old

Grading: 18-60 years old

Age Group Testing: 18-60 years old

Testing Period: Nov. 26, 2024 ~Nov. 29, 2024

Date of issue: Nov. 30, 2024

Results: Please refer to next page(s).

Prepared by(Engineer): Jack Su

Approved(Manager): Justin Liu



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of JIYA Laboratories, Inc.

Version

Version No.	Date	Description
00	Nov. 30, 2024	Original

Test request:
Conclusion

A	As specified in title 16, code of federal regulations, chapter II- consumer products safety commission of U.S.A	
	1. 16 CFR 1500.50.51.52.53 Simulating use and abuse of toys	N/A
	2. 16 CFR 1512 Requirements For Bicycles	Pass
B	USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	Pass
C	USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule	Pass
D	USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified Phthalates	Pass
	16 CFR part 1307 - Prohibition Of Children's Toys and child care articles containing specified Phthalates	
E	CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))	Pass

Test results:
A. As specified in title 16, code of federal regulations, chapter II- consumer products safety commission of U.S.A

Clause	Description	Result
16 CFR 1500.51.52.53	Impact Test	N/A
	Bite test	N/A
	Flexure test	N/A
	Torque Test (53e)	N/A
	Tension Test (53f)	N/A
	Compression Test (53g)	N/A
N/A = Not Applicable		

16 CFR 1512 Requirements For Bicycles:

Section	Description	Result
1512.3	Requirements in general.	Pass
1512.4	Mechanical requirements.	
(a)	Assembly.	Pass
(b)	Sharp edges.	Pass
(c)	Integrity.	Pass
(d)	Attachment hardware.	Pass
(e)-(f)	[Reserved]	Pass
(g)	Excluded area.	Pass
(h)	[Reserved]	Pass
(i)	Control cable ends.	Pass
(j)	Control cable abrasion.	Pass
1512.5	Requirements for braking system.	Pass
(a)	Braking system.	Pass
(b)	Handbrakes.	Pass
(1)	Stopping distance.	Pass
(2)	Hand lever access.	Pass
(3)	Grip dimension.	Pass
(4)	Attachment.	Pass
(5)	Operating force.	Pass
(6)	Pad and pad holders.	Pass
(7)	[Reserved]	Pass
(8)	Hand lever location.	Pass
(9)	Hand lever extensions.	Pass
(c)	Footbrakes.	N/A
(1)	Stopping distance.	Pass
(2)	Operating force.	Pass
(3)	Crank differential.	Pass
(4)	Independent operation.	Pass

Section	Description	Result
(d)	Footbrakes and handbrakes in combination.	Pass
(e)	Sidewalk bicycles.	Pass
1512.6	Requirements for steering system.	Pass
(a)	Handlebar stem insertion mark.	Pass
(b)	Handlebar stem strength.	Pass
(c)	Handlebar.	Pass
(d)	Handlebar ends.	Pass
(e)	Handlebar and clamps.	Pass
1512.7	Requirements for pedals.	
(a)	Construction.	Pass
(b)	Toe clips.	Pass
(c)	Pedal reflectors.	Pass
1512.8	Requirements for drive chain.	Pass
1512.9	Requirements for protective guards.	
(a)	Chain guard.	Pass
(b)	Deraileur guard.	Pass
1512.10	Requirements for tires.	Pass
1512.11	Requirements for wheels.	
(a)	Spokes.	Pass
(b)	Alignment.	Pass
(c)	Rims.	Pass
1512.12	Requirements for wheel hubs.	
(a)	Locking devices.	Pass
(1)	Rear wheels.	Pass
(2)	Front wheels.	Pass
(b)	Quick-release devices.	Pass
(c)	Front hubs.	Pass
1512.13	Requirements for front fork.	Pass
1512.14	Requirements for fork and frame assembly.	Pass

Section	Description	Result
1512.15	Requirements for seat.	
(a)	Seat limitations.	Pass
(b)	Seat post.	Pass
(c)	Adjustment clamps.	Pass
1512.16	Requirements for reflectors.	Pass
(a)	Front, rear, and pedal reflectors.	Pass
(b)	Side reflectors.	Pass
(c)	Front reflector.	Pass
(d)	Rear reflector.	Pass
(e)	Pedal reflectors.	Pass
(f)	Side reflectors.	Pass
(g)	Reflector tests.	Pass
(h)	Retroreflective tire sidewalls.	Pass
(i)	Retroreflective rims.	Pass
1512.17	Other requirements.	Pass
(a)	Road test.	Pass
(b)	Sidewalk bicycle proof test.	Pass
(c)	Ground clearance.	Pass
(d)	Toe clearance.	Pass
1512.18	Tests and test procedures.	
(a)	Sharp edge test. [Reserved]	Pass
(b)	[Reserved]	Pass
(c)	Protective cap and end-mounted devices test.	Pass
(d)	Handbrake loading and performance test: (Ref. § 1512.5(b)).	Pass
(1)	Apparatus	Pass
(2)	Procedure.	Pass
(i)	Loading test procedure.	Pass
(ii)	Loading test criteria.	Pass
(iii)	Rocking test procedure.	Pass

Section	Description	Result
(iv)	Rocking test criteria.	Pass
(v)	Performance test procedure.	Pass
(e)	Footbrake force and performance test. (Ref. § 1512.5(c) (1) and (2))	Pass
(1)	Apparatus.	Pass
(2)	Force test.	Pass
(3)	Performance test.	Pass
(f)	Sidewalk bicycle footbrake force test.	Pass
(g)	Handlebar stem test.	Pass
(1)	Procedure.	Pass
(2)	Criteria.	Pass
(h)	Handlebar test. (Ref. § 1512.6(e))	Pass
(1)	Stem-to-fork clamp test	Pass
(2)	Handlebar strength and clamp test	Pass
(i)	Pedal slip test. [Reserved]	Pass
(j)	Rim test. (Ref. §§ 1512.10 and 1512.11(c))	Pass
(1)	Procedure.	Pass
(2)	Criteria.	Pass
(3)	Front hub retention test. (Ref. § 1512.12(c))	Pass
(k)	Fork and frame test. (Ref. §§ 1512.13 and 1512.14)	Pass
(1)	Fork test	Pass
(2)	Fork and frame assembly test	Pass
(l)	Seat adjustment clamps and load test. (Ref. § 1512.15(c)).	Pass
(1)	Procedure.	Pass
(2)	Criteria.	Pass
(m)	Reflector mount and alignment test. (Ref. § 1512.16 (c) and (d))	Pass
(1)	Procedure.	Pass
(2)	Criteria.	Pass
(i)	During test	Pass
(ii)	Post test	Pass

Section	Description	Result
(n)	Reflector test. (Ref. § 1512.16(g))	Pass
(1)	Conditioning.	Pass
(i)	Warpage conditioning.	Pass
(ii)	Mechanical impact conditioning.	Pass
(iii)	Moisture conditioning.	Pass
(2)	Reflector performance test.	Pass
(o)	Reflective tire and rim test (Ref. § 1512.16(h) and (i))	Pass
(1)	Apparatus.	Pass
(2)	Procedure	Pass
(i)	Masking.	Pass
(ii)	Orientation.	Pass
(iii)	Measurement.	Pass
(iv)	Criteria.	Pass
(p)	Road test. (Ref. §§ 1512.15(c) and 1512.17(a))	Pass
(1)	Procedure.	Pass
(2)	Criteria.	Pass
(q)	Sidewalk bicycle proof test. (Ref. §§ 1512.15(c) and 1512.17(b))	Pass
(1)	Procedure.	Pass
(r)	Abrasion test for retroreflective rims. (Ref. § 1512.16(i))	Pass
1512.19	Instructions and labeling.	
(a)	The instruction manual shall include at least the following	
(1)	Operations and safety instructions describing operation of the brakes and gears, cautions concerning wet weather and night-time operation, and a guide for safe on-and-off road operation.	Pass
(2)	Assembly instructions for accomplishing complete and proper assembly.	Pass
(3)	Maintenance instructions for proper maintenance of brakes, control cables, bearing adjustments, wheel adjustments, lubrication, reflectors, tires and handlebar and seat adjustments; should the manufacturer determine that such maintenance is beyond the capability of the consumer, specifics regarding locations where such maintenance service can be obtained shall be included.	Pass

Section	Description	Result
(b)	A bicycle less than fully assembled and fully adjusted shall have clearly displayed on any promotional display material and on the outside surface of the shipping carton the following: (1) A list of tools necessary to properly accomplish assembly and adjustment, (2) a drawing illustrating the minimum leg-length dimension of a rider and a method of measurement of this dimension.	Pass
(c)	The minimum leg-length dimension shall be readily understandable and shall be based on allowing no less than one inch of clearance between (1) the top tube of the bicycle and the ground plane and (2) the crotch measurement of the rider. A girl's style frame shall be specified in the same way using a corresponding boys' model as a basis.	Pass
(d)	[Reserved]	Pass
(e)	Every bicycle subject to the requirements of this part 1512 shall bear a marking or label that is securely affixed on or to the frame of the bicycle in such a manner that the marking or label cannot be removed without being defaced or destroyed. The marking or label shall identify the name of the manufacturer or private labeler and shall also bear some form of marking from which the manufacturer can identify the month and year of manufacture or from which the private labeler can identify the manufacturer and the month and year of manufacture. For purposes of this paragraph, the term manufacture means the completion by the manufacturer of a bicycle of those construction or assembly operations that are performed by the manufacturer before the bicycle is shipped from the manufacturer's place of production for sale to distributors, retailers, or consumers.	Pass
1512.20	Separability.	Pass

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

Test Method: Lead in paint and other similar surface coatings: With reference to CPSC-CH-E1003-09.1, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Unit	MDL	Results				Limit
			03	04	05	06	
Lead (Pb)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	90

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-E1002-08.3:2012&CPSC-CH-E1001-08.3:2012, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Unit	MDL	Results		Limit
			01	02	
Lead (Pb)	mg/kg	10	N.D.	N.D.	100

(2) Paint and similar surface coating material

Test Item	Unit	MDL	Results				Limit
			03	04	05	06	
Lead (Pb)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	90

Note:

- 1mg/kg = milligram per kilogram= 0.0001%
2. N/A = Not applicable
3. MDL = Method Detection Limit

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 was used and phthalates content was determined by gas chromatograph with mass spectrometry (GC-MS)

Test Item	Unit	MDL	Results			Limit
			01	02	03	
Di-butyl phthalate (DBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate (BBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-isobutyl Phthalate (DIBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-isononyl phthalate (DINP)	mg/kg	100	N.D.	N.D.	N.D.	1000
Dicyclohexyl Phthalate (DCHP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-n-hexyl Phthalate (DHEXP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-n-pentyl Phthalates (DPENP)	mg/kg	50	N.D.	N.D.	N.D.	1000

Test Item	Unit	MDL	Results			Limit
			04	05	06	
Di-butyl phthalate (DBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate (BBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-isobutyl Phthalate (DIBP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-isononyl phthalate (DINP)	mg/kg	100	N.D.	N.D.	N.D.	1000
Dicyclohexyl Phthalate (DCHP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-n-hexyl Phthalate (DHEXP)	mg/kg	50	N.D.	N.D.	N.D.	1000
Di-n-pentyl Phthalates (DPENP)	mg/kg	50	N.D.	N.D.	N.D.	1000

Note:

- 1mg/kg = milligram per kilogram= 0.0001%
- MDL = Method Detection Limit.
- N.D. = Not Detected (< MDL).

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

Tested Parts

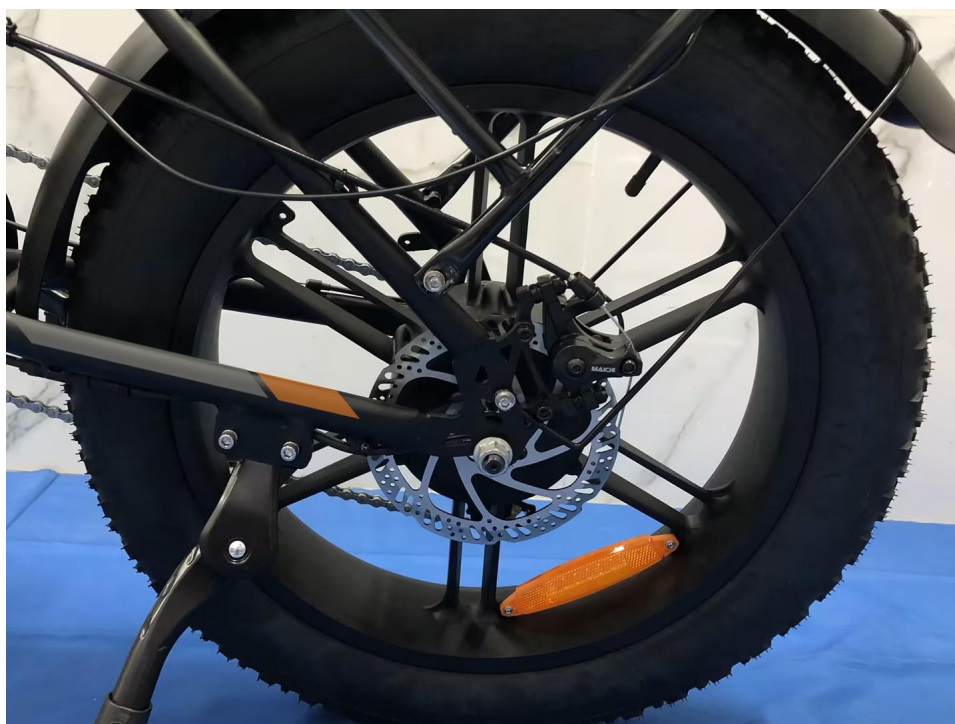
Code	Description of Specimen
01	Black plastic
02	Black wheel
03	Black coating
04	White coating
05	Black coating
06	Black coating

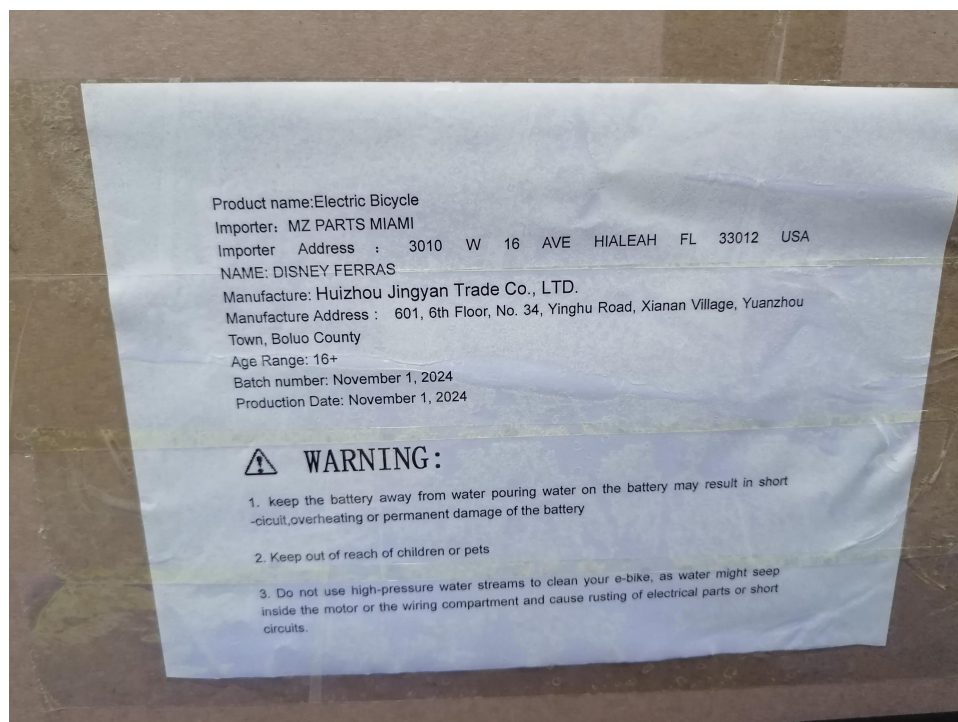
E. CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 U.S.C. § 2063(a)(5) (CPSA))

Description		Result
(A)	The manufacturer of a children's product shall place permanent, distinguishing marks on the product and its packaging, to the extent practicable	Pass
(i)	To facilitate ascertaining the specific source of the product by reference to those marks	Pass
(ii)	The ultimate purchaser to ascertain the manufacturer or private labels, location and date of production of the product, and cohort information.	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.	Pass
(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).	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.	Pass
	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

Photo of the sample

Addition photo





***** END OF REPORT *****