

#### Prepared for:

Lankeleisi Bike Inc

17665 66A AVE #609 Surrey BC V3S 2A7

**Product Name: Electric bicycle** 

Model Name: RV800

Trade Name: LANKELEISI

Date of Test: From March 22, 2023 to March 27, 2023

Date of Report: April 04, 2023

Report Number: HK2303222200-1RR

#### Prepared by:

Shenzhen HUAK Testing Technology Co., LTD.

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



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 2 of 35

Applicant: Lankeleisi Bike Inc

Address: 17665 66A AVE #609 Surrey BC V3S 2A7

Manufacturer: Dongguan jietu outdoor sporting goods Co., Ltd

Address: Blue Cress, No.1, Jindong Hedong 2nd Road, Chang'an Town, Dongguan

City, Guangdong Province, China

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

Sample Name: Electric bicycle

Model No.: RV800

Brand Name: LANKELEISI

Tested Age Grade: Over 14 years old Labeled Age Grading: Over 14 years old

Appropriate Age Grade: Over 14 years old

Sample Receiving Date: March 22, 2023

Testing Period: From March 22, 2023 to March 27, 2023

Results: Please refer to next page(s).

Signed for and on behalf of HUAK

Approved by:

Lab Manager

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



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 3 of 35

#### Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community,

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.

HUAN TO HUAN



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 4 of 35

**Summary of Test Results:** 

TEST	REQUEST	CONCLUSION
Α	16 CFR 1512 Requirements For Bicycles	PASS
В	- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	PASS
C HUAN	- 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	
D	on sale of certain products containing specified phthalates - USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles	PASS
	Containing Specified Phthalates	
E CTING	-CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))	PASS
F	16CFR1500.20 Labeling requirement for advertising toys and games.	PASS
	*************	



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 5 of 35

Results:

#### A. 16 CFR Part 1512 Requirements for Bicycles:

Applicable Section	Description	Result
1512.3	Requirements in general.	
- WAKTESTING	Any bicycle subject to the regulations in this part shall meet the requirements of this part in the condition to which it is offered for sale to consumers; any bicycle offered for sale to consumers in disassembled or partially assembled	HUAKTESTING
0"	condition shall meet these requirements after assembly according to the manufacturer's instructions. For the purpose of compliance with this part, where the metric and English units are not equal due to the conversion process the less stringent requirement will prevail.	Pass
1512.4	Mechanical requirements.	II JAK TESTIN
(a)	Assembly. Bicycles shall be manufactured such that mechanical skills required of the consumer for assembly shall not exceed those possessed by an adult of normal intelligence and ability.	Pass
(b)	Sharp edges. There shall be no unfinished sheared metal edges or other sharp parts on assembled bicycles that are, or may be, exposed to hands or legs; sheared metal edges that are not rolled shall be finished so as to remove any feathering of edges, or any burs or spurs caused during the shearing process.	Pass
HAKTESTING	Integrity. There shall be no visible fracture of the frame or of any steering, wheel, pedal, crank, or brake system component resulting from testing in	HUAK TESTING P
(c)	accordance with: The handbrake loading and performance test, 8 1512.18(d); the foot brake force and performance test, S 1512.18(e); and the road test, 1512. 18(p) (or the sidewalk bicycle proof test, S 1512.18(q)).	Pass
HUAKTESTING	Attachment hardware. All screws, bolts, or nuts used to attach or secure components shall not fracture, loosen, or otherwise fail their intended function during the tests required in this part. All threaded hardware shall be of sufficient quality to allow adjustments and maintenance. Recommended	HUAKTESTING
res <sup>the</sup> (d)	quality thread form is specified in Handbook H28, "Screw Thread Standards for Federal Service,"[1] issued by the National Bureau of Standards, Department of Commerce; recommended mechanical properties are specified in ISO Recommendation R898, "Mechanical Properties of Fasteners," and in ISO Recommendations 68, 262, and 263, "General Purpose Screw Threads." <sup>[2]</sup>	Pass
(e)-(f)	[Reserved]	NA
(g)	Excluded area. There shall be no protrusions located within the area bounded by (1) a line 89 mm (31/2 in) to the rear of and parallel to the handlebar stem; (2) a line tangent to the front tip of the seat and intersecting the seat mast at the top rear stay;(3) the top surface of the top tube; and (4) a line connecting the front of the seat (when adjusted to its highest position) to the junction where the handlebar is attached to the handlebar stem. The top tube on a female bicycle model shall be the seat mast and the down tube or tubes that are nearest the rider in the normal riding position. Control cables no greater than 6.4 mm (1/4 in) in diameter and cable clamps made from material not	Pass



		35
Applicable Section	Description	Result
	thicker than 4.8 mm (3/16 in) may be attached to the top tube.	
(h)	[Reserved]	NA
(i) (ii)	Control cable ends. Ends of all accessible control cables shall be provided with protective caps or otherwise treated to prevent unraveling. Protective caps shall be tested in accordance with the protective cap and end-mounted devices test, § 1512.18(c), and shall withstand a pull of 8.9 N (2.0 lbf).	Pass
(j)	Control cable abrasion. Control cables shall not abrade over fixed parts and shall enter and exit cable sheaths in a direction in line with the sheath entrance and exit so as to prevent abrading.	Pass
1512.5	Requirements for braking system.	
(a)	Braking system. Bicycles shall be equipped with front- and rear-wheel brakes or rear-wheel brakes only.	Pass
HUAKTESTING	Handbrakes. Handbrakes shall be tested at least ten times by applying a force sufficient to cause the hand lever to contact the handlebar, or a maximum of 445 N (100 lbf), in accordance with the loading test, § 1512.18(d)(2), and shall	HUAKTESTING
(b)	be rocked back and forth with the weight of a 68.1 kg (150 lb) rider on the seat with the same handbrake force applied in accordance with the rocking test, § 1512.18(d)(2)(iii); there shall be no visible fractures, failures, movement of clamps, or misalignment of brake components.	Pass
(1)	Stopping distance. A bicycle equipped with only handbrakes shall be tested for stopping distance by a rider of at least 68.1 kg (150 lb) weight in accordance with the performance test, § 1512.18(d)(2) (v) and (vi), and shall have a stopping distance of no greater than 4.57 m (15 ft) from the actual test speed as determined by the equivalent ground speed specified in § 1512.18(d)(2)(vi).	Pass
(2)	Hand lever access. Hand lever mechanisms shall be located on the handlebars in a position that is readily accessible to the rider when in a normal riding position.	Pass
HUAKTESTING	Grip dimension. The grip dimension (maximum outside dimension between the brake hand lever and the handlebars in the plane containing the centerlines of the handgrip and the hand brake lever) shall not exceed 89 mm	HUAKTESTING
(3)	(31/2 in) at any point between the pivot point of the lever and lever midpoint; the grip dimension for sidewalk bicycles shall not exceed 76 mm (3 in). The grip dimension may increase toward the open end of the lever but shall not increase by more than 12.7 mm (1/2 in) except for the last 12.7 mm (1/2 in) of	Pass
- W	the lever. (See figure 5 of this part 1512.)	
(4)	Attachment. Brake assemblies shall be securely attached to the frame by means of fasteners with locking devices such as a lock washer, locknut, or equivalent and shall not loosen during the rocking test, § 1512.18(d)- (2)(iii). The cable anchor bolt shall not cut any of the cable strands.	Pass
(5)	Operating force. A force of less than 44.5 N (10 lbf) shall cause the brake pads to contact the braking surface of the wheel when applied to the hand lever at a point 25 mm (1.0 in) from the open end of the hand lever.	Pass
(6)	Pad and pad holders. Caliper brake pad shall be replaceable and adjustable to engage the braking surface without contacting the tire or spokes and the pad holders shall be securely attached to the caliper assembly. The brake pad material shall be retained in its holder without movement when the bicycle is loaded with a rider of at least 68.1 kg (150 lb) weight and is rocked forward	Pass





Report No.: HK2303222200-1RR Date: April 04, 2023 Page 7 of 35

	K2303222200-1RR Date: April 04, 2023 Page 7 of	35
Applicable Section	Description	Result
)	and backward as specified in the rocking test, § 1512.18(d)(2)(iii).	9)
(7)	[Reserved]	NA
(8)	Hand lever location. The rear brake shall be actuated by a control located on the right handlebar and the front brake shall be actuated by a control located on the left handlebar. The left-hand/right-hand locations may be reversed in accordance with an individual customer order. If a single hand lever is used to actuate both front and rear brakes, it shall meet all applicable requirements for hand levers and shall be located on either the right or left handlebar in accordance with the customer's preference.	Pass
(9)	Hand lever extensions. Bicycles equipped with hand lever extensions shall be tested with the extension levers in place and the hand lever extensions shall also be considered to be hand levers.	Pass
(c)	Footbrakes. All footbrakes shall be tested in accordance with the force test, § 1512.18(e)(2), and the measured braking force shall not be less than 178 N (40 lbf) for an applied pedal force of 310 N (70 lbf).	Pass
(1) (1)	Stopping distance. Bicycles equipped with footbrakes (except sidewalk bicycles) shall be tested in accordance with the performance test, § 1512.18(e)(3), by a rider of at least 68.1 kg (150 lb) weight and shall have a stopping distance of no greater than 4.57 m (15 ft) from an actual test speed of at least 16 km/h (10 mph). If the bicycle has a footbrake only and the equivalent groundspeed of the bicycle is in excess of 24 km/h (15 mph) (in its highest gear ratio at a pedal crank rate of 60 revolutions per minute),[3] the stopping distance shall be 4.57 m (15 ft) from an actual test speed of 24 km/h (15 mph) or greater.	Pass
(2)	Operating force. Footbrakes shall be actuated by a force applied to the pedal in a direction opposite to that of the drive force, except where brakes are separate from the drive pedals and the applied force is in the same direction as the drive force.	Pass
(3)	Crank differential. The differential between the drive and brake positions of the crank shall be not more than 60° with the crank held against each position under a torque of no less than 13.6 N-m (10 ft-lb).	Pass
(4)	Independent operation. The brake mechanism shall function independently of any drive-gear positions or adjustments.	Pass
(d)	Footbrakes and handbrakes in combination. Bicycles equipped with footbrakes and handbrakes shall meet all the requirements for footbrakes in § 1512.5(c), including the tests specified. In addition, if the equivalent ground speed of the bicycle is 24 km/h (15 mph) or greater (in its highest gear ratio at a pedal crank rate of 60 revolutions per minute),3 the actual test speed specified in § 1512.18(e)(3) shall be increased to 24 km/h (15 mph) and both braking systems may be actuated to achieve the required stopping distance of 4.57 m (15 ft).	Pass
(e)	Sidewalk bicycles. (1) Sidewalk bicycles shall not have handbrakes only.(2) Sidewalk bicycles with a seat height of 560 mm (22 in) or greater (with seat height adjusted to its lowest position) shall be equipped with a footbrake meeting all the footbrake requirements of § 1512.5(c), including the specified tests except that the braking force transmitted to the rear wheel shall be in accordance with the sidewalk bicycle footbrake force tests, § 1512.18(f).(3) Sidewalk bicycles with a seat height less than 560 mm (22 in) (with seat	Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 8 of 35

	(2303222200-1RR Date: April 04, 2023 Page 8 of	35
Applicable Section	Description	Result
C. TESTING	height adjusted to its lowest position) and not equipped with a brake shall not have a freewheel feature. Such sidewalk bicycles equipped with a footbrake shall be tested for brake force in accordance with the sidewalk bicycle footbrake force test, § 1512.18(f). Such sidewalk bicycles not equipped with brakes shall be identified with a permanent label clearly visible from a distance of 3.1 m (10 ft) in daylight conditions and promotional display material and shipping cartons shall prominently display the words "No Brakes."	TESTING
1512.6	Requirements for steering system.	mG A
(a)	Handlebar stem insertion mark. Quill-type handlebar stems shall contain a permanent ring or mark which clearly indicates the minimum insertion depth of the handlebar stem into the fork assembly. The insertion mark shall not affect the structural integrity of the stem and shall not be less than 21/2 times the stem diameter from the lowest point of the stem. The stem strength shall be maintained for at least a length of one shaft diameter below the mark.	Pass
(b)	Handlebar stem strength. The handlebar stem shall be tested for strength in accordance with the handlebar stem test, § 1512.18(g), and shall withstand a force of 2000 N (450 lbf) for bicycles and 1000 N (225 lbf) for sidewalk bicycles.	Pass
(c)	Handlebar. Handlebars shall allow comfortable and safe control of the bicycle. Handlebar ends shall be symmetrically located with respect to the longitudinal axis of the bicycle and no more than 406 mm (16 in) above the seat surface when the seat is in its lowest position and the handlebar ends are in their highest position. This requirement does not apply to recumbent bicycles.	Pass
(d)	Handlebar ends. The ends of the handlebars shall be capped or otherwise covered. Handgrips, end plugs, control shifters, or other end-mounted devices shall be secure against a removal force of no less than 66.8 N (15 lbf) in accordance with the protective cap and end-mounted devices test, § 1512.18(c).	Pass
mar resmic	Handlebar and clamps. The handlebar and clamps shall be tested in accordance with the handlebar test, § 1512.18(h). Directions for assembly of the bicycle required in the instruction manual by § 1512.19(a)(2) shall include an explicit warning about the danger of damaging the stem-to-fork assembly and the risk of injury to the rider that can result from over tightening the stem bolt or other clamping device. The directions for assembly shall also contain a simple, clear, and precise statement of the procedure to be followed to avoid damaging the stem-to-fork assembly when tightening the stem bolt or other clamping device.	Pass
1512.7	Requirements for pedals.	
(a)	Construction. Pedals shall have right-hand/left-hand symmetry. The tread surface shall be present on both top and bottom surfaces of the pedal except that if the pedal has a definite preferred position, the tread surface need only be on the surface presented to the rider's foot.	Pass
(b)	Toe clips. Pedals intended to be used only with toe clips shall have toe clips securely attached to them and need not have tread surfaces. Pedals designed for optional use of toe clips shall have tread surfaces.  Pedal reflectors. Pedals for bicycles other than sidewalk bicycles shall have	Pass
(c)	reflectors in accordance with § 1512.16(e). Pedals for sidewalk bicycles are not required to have reflectors.	Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 9 of 35

	(2303222200-1RR Date: April 04, 2023 Page 9 of	35
Applicable Section	Description	Result
1512.8	<b>Requirements for drive chain</b> . The drive chain shall operate over the sprockets without catching or binding. The tensile stength of the drive chain shall be no less than 8010 N (1,800 lbf) or 6230 N (1,400 lbf) for sidewalk bicycles.	Pass
1512.9	Requirements for protective guards.	
HUAKTESTING	Chain guard. Bicycles having a single front sprocket and a single rear sprocket shall have a chain guard that shall cover the top strand of the chain and at least 90° of the perimeter where the drive chain contacts the drive sprocket as shown in figure 7. The chain guard shall extend rearward to a point at least 8 cm (3.2 in.) forward of the centerline of the rear axle. The	HUAKTESTING
(a)	minimum width of the top area of the chain guard shall be twice the width of the chain in that portion forward of the rear wheel rim. The rear part of the top area may be tapered. The minimum width at the rear of the guard shall be one-half the chain width. Such chain guard shall prevent a rod of 9.4 mm (3/8 in.) diameter and 76 mm (3.0 in.) length from entrapment between the upper junction of the chain and the sprocket when introduced from the chain side of the bicycle in any direction within 45° from a line normal to the sprocket.	Pass
(b)	Derailleur guard. Derailleurs shall be guarded to prevent the drive chain from interfering with or stopping the rotation of the wheel through improper adjustments or damage.	Pass
1512.10	Requirements for tires. The manufacturer's recommended inflation pressure shall be molded into or onto the sidewall of the tire in lettering no less than 3.2 mm (1/8 in.) in height. The statement of recommended inflation pressure shall be in the English language utilizing Arabic numerals. (The following language is suggested to indicate recommended inflation pressure: "Inflate to PSI.") After inflation to 110 percent of the recommended inflation pressure, the tire shall remain intact on the rim, including while being tested under a load of 2,000 N (450 lbf) in accordance with the rim test, § 1512.18(j). Tubular sew-up tires, nonpneumatic tires, and nonmolded wired-on tires are exempt from this section.	Pass
1512.11	Requirements for wheels.	HUAK
(a)	Spokes. There shall be no missing spokes.	Pass
(b)	Alignment. The wheel assembly shall be aligned such that no less than 1.6 mm (1/16 in.) clearance exists between the tire and fork or any frame member when the wheel is rotated to any position.	Pass
(c)	Rims. Rims shall retain the spokes and tire when side-loaded with 2000 N (450 lbf) and tested in accordance with the rim test, § 1512.18(j). Sidewalk bicycles need not meet this requirement.	Pass
1512.12	Requirements for wheel hubs.  All bicycles (other than sidewalk bicycles) shall meet the following requirements:	WAY TESTING
(a)	Locking devices. Wheels shall be secured to the bicycle frame with a positive lock device. Locking devices on threaded axles shall be tightened to the manufacturer's specifications.	Pass
(1)	Rear wheels. There shall be no relative motion between the axle and the frame when a force of 1,780 N (400 lbf) is applied symmetrically to the axle for a period of 30 seconds in the direction of wheel removal.	Pass
(2)	Front wheels. Locking devices, except quick-release devices, shall withstand	Pass
-1010		

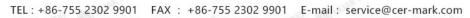


Report No.: HK2303222200-1RR Date: April 04, 2023 Page 10 of 35

	12303222200-1RR Date: April 04, 2023 Page 10 c	01 35
Applicable Section	Description	Result
	application of a torque in the direction of removal of 17 N-m (12.5 ft-lb).	9)
(b)	Quick-release devices. Lever-operated, quick-release devices shall be adjustable to allow setting the lever position for tightness. Quick-release levers shall be clearly visible to the rider and shall indicate whether the levers are in a locked or unlocked position. Quick-release clamp action shall emboss the frame or fork when locked, except on fiber reinforced plastics.	Pass
(c) mc	Front hubs. Front hubs not equipped with lever-operated quick-release devices shall have a positive retention feature that shall be tested in accordance with the front hub retention test, § 1512.18(j)(3), to assure that when the locking devices are released the wheel will not separate from the fork.	Pass
1512.13	Requirements for front fork.  The front fork shall be tested for strength by application of at least 39.5 J (350 in-lb) of energy in accordance with the fork test, § 1512.18(k)(1), without visible evidence of fracture. Sidewalk bicycles need not meet this requirement.	Pass
1512.14	Requirements for fork and frame assembly.  The fork and frame assembly shall be tested for strength by application of a load of 890 N (200 lbf) or at least 39.5 J (350 in-lb) of energy, whichever results in the greater force, in accordance with the frame test, § 1512.18(k)(2), without visible evidence of fracture or frame deformation that significantly limits the steering angle over which the wheel can be turned. Sidewalk bicycles are exempt from this section.	Pass
1512.15	Requirements for seat.	.0. 6
(a)	Seat limitations. No part of the seat, seat supports, or accessories attached to the seat shall be more than 125 mm (5.0 in) above the top of the seat surface at the point where the seat surface is intersected by the seat post axis. This requirement does not apply to recumbent bicycles.	Pass
(b)	Seat post. The seat post shall contain a permanent mark or ring that clearly indicates the minimum insertion depth (maximum seat-height adjustment); the mark shall not affect the structural integrity of the seat post. This mark shall be located no less than two seat-post diameters from the lowest point on the post shaft, and the post strength shall be maintained for at least a length of one shaft diameter below the mark. This requirement does not apply to bicycles with integrated seat masts, however, a permanent mark or other means to clearly indicate that the seat or seat posts is safely installed shall be provided.	Pass
(c)	Adjustment clamps. The seat adjustment clamps shall be capable of securing the seat in any position to which it can be adjusted and preventing movement of the seat in any direction under normal conditions of use. Following the road test, § 1512.18(p) (or the sidewalk bicycle proof test, § 1512.18(q), as applicable), the seat clamps shall be tested in accordance with the seat adjustment clamps and load test, § 1512.18(I).	Pass
1512.16	Requirements for reflectors.  Bicycles shall be equipped with reflective devices to permit recognition and iden under illumination from motor vehicle headlamps. The use of reflector combination center plane of the bicycle (defined in § 1512.18(m)(2)) is acceptable if each refithe requirements of this section and of § 1512.18 (m) and (n) and the combination reflectors has a clear field of view of ±10° vertically and ±50° horizontally. Sideware not required to have reflectors.	ions off the lector meets on of



	(2303222200-1RR	Date: April 04, 2023	Page 11 of	35
Applicable Section		Description		Result
(a)		flectors. There shall be an essentially ally colorless or amber pedal reflectors		Pass
(b)	reflectors mounted on the bicycles, retroreflective	nall be retroreflective tire sidewalls or, ne spokes of each wheel, or, for non-c wheel rims. The center of spoke-mour 3.0 in.) of the inside of the rim. Side re side of the wheel.	aliper rim brake nted reflectors	Pass
(c)	the bicycle is resting on reflector shall be directe of the bicycle when the value of the bicycle when the value of the bicycle assembly methoptical requirements of the bicycle. The front reflect mount and alignment tes		cal axis of the ertical alignment as defined in § a distinct, meets the s attached to the the reflector	Pass
(d)	Rear reflector. The reflective the bicycle is resting on mounted such that it is that least 76 mm (3.0 in) by the line of the seat porearward within 5° of the wheels are traveling in a reflectors and/or mounts method that shall insure this paragraph (d) when	ctor or mount shall not contact the grothat plane in any orientation. The reflector the rear of the seat mast with the top the low the point on the seat surface the post. The optical axis of the reflector shall incorporate a distinct, preferred that the reflector meets the optical return the reflector is attached to the bicycle in accordance with the reflector mount	ector shall be p of the reflector at is intersected all be directed icycle when the (m)(2). The I assembly quirements of e. The rear	Pass
(e)	Pedal reflectors. Each p surfaces of the pedal. The construction of the pedal recessed from the edge	edal shall have reflectors located on the reflector elements may be either in a lor mechanically attached, but shall be of the pedal, or of the reflector housing element with a flat surface placed in contents.	tegral with the pe sufficiently ng, to prevent	Pass
(f)	Side reflectors. Reflecto flat on the spokes or with optical axis and the normangle of the spokes with interfere with any wheel shall be essentially color colorless or red on the reflectors.	rs affixed to the wheel spokes shall be hin the spoke cage such that the anglemal to the plane of the wheel shall not the plane of the wheel. The reflectors adjustments. The side-mounted reflectes or amber on the front wheel and the ear wheel.  al, front-mount, rear-mount, and side-	e between the exceed the s shall not ctor devices essentially	Pass
(g) (h)	shall be tested in accord the reflectance values of Retro reflective tire side lieu of spoke-mounted re	lance with the reflector test, § 1512.18 ver the angles given in tables 1 and 2 walls. When retro reflective tire sidewallectors, the reflecting material shall reflective material shall for	B(n), to assure . alls are used in meet the	Pass





	K2303222200-1RR	Date: April 04, 2023	Page 12 of	f 35
Applicable Section		Description		Result
TESTING	±5.4 °F) for 30 minutes, scraped away without respective many shall be as resistant to a when retroreflective many a wet, steel bristle brush retroreflective material. performance in accordance assure the reflectance portion of the retroreflective as specified in § 1512.1	as been subjected to a temperature the retro reflective material cannot be abrasion as is the adjacent sidewall naterial is removed from the inflated tire, tire material will be removed along (4)The retroreflective material shall be not with the retroreflective tire test, so properties over the angles given in tall tive material is selected (and the renal 8(0)(2)(i)), the selected portion shall assembled bicycle is resting on that	pe peeled or eflective material material so that e by abrasion with with the pe tested for § 1512.18(o), to ble 3. When a mainder is masked not contact the	ESTING HANTESTING
THE TIME	orientation.  Retro reflective rims. W mounted reflectors or remeet the following requirements continuous circle on the rim in the form of a self-Use a sharp knife, razo end of the tape material	hen retroreflective rims are used in lietroreflective tire sidewalls, the reflectivements(1) The retroreflective material rim. (2) If the retroreflective material adhesive tape, the following requirer blade, or similar instrument to careficial sufficient to be grasped between the	eu of spoke- ting material shall ial shall form a is applied to the ment must be met: fully release an te thumb and	MANATESTING Pass
S HUAK TESTING	plane of the rim. The ta (peeling) from the rim is abraded in accordance 1512.18(r), the rim mus the retroreflective tire a properties over the ang	cape end and gradually pull in a director material must break before addition observed. (3) After the retroreflective with the abrasion test for retroreflection then be tested for performance in and rim test at § 1512.18(o), to assure the given in table 3.	onal separation e material is ive rims at § ccordance with	ALAK TESTINE
1512.17	Other requirements.			
(a)	km (4.0 mi.) by a rider vover a 30.5 m (100 ft.) of 1512.18(p), and shall excharacteristics without component failure of the loosening or misalignmenting or resulting from		I travel five times e road test, § eering no system or e shall be no or reflectors	Pass
(b)	at least 300 mm (1.0 ft. attached in accordance There shall be no fracturesulting from this test.	est. Sidewalk bicycles shall be dropp three times onto a paved surface wi with the sidewalk bicycle proof test, re of wheels, frame, seat, handlebars	ith weights § 1512.18(q). s, or fork during or	Pass
(c)	position and any training at least 25° from the ve tires) contacting the gro		e to tilt the bicycle part (other than	Pass
(d)	(such as toe clips) shall	not equipped with positive foot-retain have at least 89 mm (31/2 in) cleara or fender (when turned to any positio	nce between the	Pass





	(2303222200-1RR Date: April 04, 2023 Page 13 o	f 35
Applicable Section	Description	Result
ESTING	shall be measured forward and parallel to the longitudinal axis of the bicycle from the center of either pedal to the arc swept by the tire or fender, whichever results in the least clearance. (See figure 6 of this part 1512.)	9)
1512.18	Tests and test procedures.	
(a)	Sharp edge test. [Reserved]	Pass
(b)	[Reserved]	NA
(c)	Protective cap and end-mounted devices test. (Ref. § 1512.4(i), § 1512.6(d).) Any device suitable for exerting a removal force of at least 67 N (15 lbf) for protective caps and 8.9 N (2.0 lbf) for end caps at any point and in any direction may be used. All protective caps and end-mounted handlebar devices shall be tested to determine that they cannot be removed by application of the specified forces.	Pass
(d)	Handbrake loading and performance test: (Ref .§1512. 5(b)).	Pass
(1)	Apparatus. A spring scale or other suitable device for measuring the specified forces on the handbrake levers and a dry, clean, level, paved surface of adequate length.	Pass
(2)	Procedure. The loading test, § 1512.18(d)(2)(i), and the rocking test, § 1512.18(d)(2)(iii), shall be performed before the performance test, § 1512.18(d)(2)(v), is performed and no adjustments shall be made between these tests.	Pass
HILAY (I)	Loading test procedure. The hand levers shall be actuated with a force applied at a point no more than 25 mm (1.0 in) from the open end of the lever. If the hand lever contacts the handlebar (bottoms) before a force of 445 N (100 lbf) is reached, the loading may be stopped at that point, otherwise the loading shall be increased to at least 445 N (100 lbf).[4] Application of the loading force shall be repeated for a total of 10 times and all brake components shall be inspected.	Pass
(ii)	Loading test criteria. There shall be no visible fractures, failures, misalignments, and clearances not in compliance with applicable parts of § 1512.5.	Pass
(iii)	Rocking test procedure. A weight of at least 68.1 kg (150 lb) shall be placed on the seat; the force required for the hand levers to contact the handlebars or 445 N (100 lbf), as determined in § 1512.18(d)(2), shall be applied to the hand levers;4 and the bicycle shall be rocked forward and backward over a dry, clean, level, paved surface at least six times and for a distance of at least 76 mm (3 in) in each direction.	Pass
(iv)	Rocking test criteria. There shall be no loosening of the brake pads, pad holders, or cable and hand-lever securing devices or any other functional brake component.	Pass
(v)	Performance test procedure. The following test conditions, unless otherwise specified in this part 1512, shall be followed (A) The bicycle shall be ridden over a dry, clean, smooth paved test course free from protruding aggregate. The test course shall provide a coefficient of friction of less then 1.0 and shall have a slope of less than 1 percent.(B) The wind velocity shall be less than 11 km/h (7 mph). (C) Only the brake system under test shall be actuated.(D) The bicycle shall attain the specified ground speed while the rider is in the normal riding position.(E) The rider shall remain in the normal riding position	Pass



	(2303222200-1RR Date: April 04, 2023 Page 14	of 35
Applicable Section	Description	Result
TE TING	throughout the test. (F) The bicycle must be moving in a straight line at the start of brake application. (G) Corrections for velocity at the initiation of braking may be made. The corrected braking distance shall be computed as follow:  S <sub>c</sub> = (Vs / Vm)2Sm where:	TESTINE
HUAKTESTINE	$S_c$ = Corrected braking distance, $V_s$ = Specified test velocity. $V_m$ = Measured test velocity, $S_m$ = Measured braking distance. The test run is invalid if at the commencement of the test, the measured test speed of the bicycle is not less than nor greater than the test speed required by this part 1512 by 1.5 km/h (0.9 mph).(H) Four test runs are required. The	HUANTESTING
HAKTESTING	stopping distance shall be determined by averaging the results of the four test runs. (I) The stopping distances specified are based on a rider weight of at least 68.1 kg (150 lb) and a maximum rider and weight combination of 91 kg (200 lb). Greater stopping distances are allowable for heavier riders and test equipment weights at the rate of 0.30 m per 4.5 kg (1.0 ft per 10 lb).(J) A test	MAKESTING
B HUAK TESTING	run is invalid if front-wheel lockup occurs.(vi) Performance test criteria. The stopping force applied to the hand lever at a point no closer than 25 mm (1.0 in) from the open end shall not exceed 178 N (40 lbf). Bicycles with an equivalent ground speed in excess of 24 km/h (15 mph) (in its highest gear ratio at a pedal crank rate of 60 revolutions per minute)[3] shall stop from an actual test speed of 24 km/h (15 mph) or greater within a distance of 4.57 m (15 ft); when the equivalent ground speed is less than 24 km/h (15 mph) under the same conditions, the bicycle shall stop from an actual test speed of 16 km/h (10 mph) or greater within a distance of 4.57 m (15 ft).	HUAKTESTING
(e)	Footbrake force and performance test. (Ref . §1512.5(c)(1)and(2))	Pass
(1)	Apparatus. Suitable devices for exerting and measuring the required forces and a dry, clean, level, paved surface of adequate length.	Pass
(2)	Force test. The braking force shall be measured as the wheel is rotated in a direction of forward motion, and the braking force is measured in a direction tangential to the tire during a steady pull after the wheel completes one-half revolution but before the wheel completes one revolution. The brake shall be capable of producing a linearly proportional brake force for a gradually applied pedal force from 89 N to 310 N (20 to 70 lbf) and shall not be less than 178 N (40 lbf) for an applied pedal force of 310 N (70 lbf). All data points must fall within plus or minus 20 percent of the brake force, based on the measured brake load using the least square method of obtaining the best straight line curve.	Pass
(3)	Performance test. The procedure of § 1512.18(d)(2)(v) shall be followed to test the footbrake performance. The stopping distance shall be less than 4.57 m (15 ft) from an actual test speed of 16 km/h (10 mph). In addition, if the equivalent ground speed of the bicycle is in excess of 24 km/h (15 mph) (in its highest gear ratio at a pedal crank rate of 60 revolutions per minute),3 the stopping distance shall be 4.57 m (15 ft) from an actual test speed of 24 km/h	Pass
(f)	(15 mph) or greater.  Sidewalk bicycle footbrake force test. For sidewalk bicycles, the footbrake force test is the same as for bicycles except; the brake force transmitted to the	Pass



	K2303222200-1RR Date: April 04, 2023 Page 15 o	of 35
Applicable Section	Description	Result
rESTING	rear wheel shall continually increase as the pedal force is increased from 44.5 N to 225 N (10 to 50 lbf). The ratio of applied pedal force to braking force shall not be greater than two-to-one.	
(g)	Handlebar stem test.	Pass
(1)	Procedure. The handlebar stem shall be tested for strength by applying a force of 2000 N (450 lbf), in a forward direction, for bicycles, or 1000 N (225 lbf) for sidewalk bicycles, at a point in line with the handlbar attachment point and at an angle of 45° from the stem centerline (See fig. 2).	Pass
(2)	Criteria. No visible fractures shall result from this test.	Pass
(h)	Handlebar test. (Ref . § 1512.6(e))	Pass
MAK TESTING	Stem-to-fork clamp test-(i)Procedure. The handlebar and handlebar stem shall be assembled to the bicycle in accordance with the manufacturer's instructions. The handlebar-fork assembly shall be subjected to a torque applied about the axis of the stem, and shall then be disassembled and examined for signs of structural damage including cracking, splitting, stripping of threads, bearing damage, and bulging of the stem and fork structures. The handlebar and handlebar stem components shall be inspected for visible	HUAKTESTING
(1)	signs of galling, gouging, and scoring not due to normal assembly and disassembly operations.  (ii) Criteria. There shall be no visible movement between the stem and fork when a torque of 47 + 3, -0 N-m (35 + 2, -0 ft = lb) for bicycles and 20 + 3, -0 N-m (15 + 2, -0 ft = lb) for sidewalk bicycles is applied to the handlebar about the stem-to-fork axis. There shall be no visible signs of damage to the stem-to-fork assembly or any component part thereof.	Pass
(2)	Handlebar strength and clamp test -(i) Procedure. The stem shall be in place on the bicycle or in an equivalent test fixture and secured according to manufacturer's instructions. A load shall be applied equally to each handlebar end in a direction to cause the greatest torque about the handlebar-to-stem clamp; deflection shall be measured along the line of applied force.(ii) Criteria. The handlebars shall support a force of no less than 445 N (100 lbf) or absorb no less than 22.6 J (200 in-lb) of energy through a maximum deflection of no more than 76 mm (3.0 in.); the handlebar clamp shall prevent rotational movement of the handlebars relative to the clamp, and there shall be no visible fractures.	Pass
(i)	Pedal slip test. [Reserved]	Pass
(j)	Rim test. (Ref . §§ 1512.10 and 1512.11(c))	Pass
11) (1)	Procedure. Only one wheel need be tested if the front and rear wheel are of identical construction. The wheel to be tested shall be removed from the bicycle and be supported circumferentially around the tire sidewall. A load of 2000 N (450 lbf) shall be applied to the axle and normal to the plane of the wheel for at least 30 seconds. If the wheel hub is offset, the load shall be applied in the direction of the offset.	Pass
(2)	Criteria. The wheel and tire assembly shall be inspected for compliance with the requirements of § 1512.11(a) and shall be remounted on the bicycle according to the manufacturer's instructions and shall turn freely without roughness and shall comply with the requirement of § 1512.11(b).	Pass



Report No.: Hk	(2303222200-1RR Date: April 04, 2023 Page 16 of	of 35
Applicable Section	Description	Result
(3)	Front hub retention test.(Ref . § 1512.12(c)) (i) Procedures. Front hub locking devices shall be released. When threaded nuts and axles are used, the nuts shall be open at least 360° from a finger tight condition. A separation force of at least 111 N (25 lb) shall be applied to the hub on a line along the slots in the fork ends.(ii) Criteria. The front hub shall not separate from the fork; fenders, mudguards, struts, and brakes shall not be allowed to restrain the separation.	Pass
(k)	Fork and frame test. (Ref . §§ 1512.13 and 1512.14)	Pass
MAKE TESTING	Fork test(i) Procedure. With the fork stem supported in a 76 mm (3.0 in) vee block and secured by the method illustrated in figure 1 of this part 1512, a load shall be applied at the axle attachment in a direction perpendicular to the centerline of the stem and against the direction of the rake. Load and deflection readings shall be recorded and plotted at the point of loading.(ii) Criteria. Energy of at least 39.5 J (350 in-lb) shall be absorbed with a	Pass
TECTING	deflection in the direction of the force of no more than 64 mm (21/2 in.).	TECTING
(2)	Fork and frame assembly test.(i) Procedure. The fork, or one identical to that tested in accordance with the fork test, § 1512.18(k)(1), shall be replaced on the bicycle in accordance with the manufacturer's instructions; and a load of 890 N (200 lbf), or an energy of at least 39.5 J (350 in-lb), whichever results in the greater force, shall be applied to the fork at the axle attachment point against the direction of the rake in line with the rear wheel axle. The test load shall be counteracted by a force applied at the location of the rear axle during this test.  (ii) Criteria. There shall be no visible evidence of fracture and no deformation of frame that significantly limits the steering angle over which the front wheel can be turned.	Pass
(I)	Seat adjustment clamps and load test. (Ref . § 1512.15(c)).	Pass
HUMET (1)	Procedure. A force of at least 668 N (150 lbf) shall be applied vertically downward (334 N (75 lbf) for sidewalk bicycles) to a point within 25 mm (1.0 in.) from either the front or rear of the seat, whichever produces the greatest torque on the seat clamp. After removal of this force, a force of 222 N (50 lbf) shall then be applied horizontally (111 N (25 lbf) for sidewalk bicycles) to a point within 25 mm (1.0 in.) from either the front or rear of the seat, whichever produces the greatest torque on the clamp.	Pass
(2)	Criteria. No movement of the seat with respect to the seat post, or of the seat post with respect to the bicycle frame, shall have resulted from application of the forces specified.	Pass
(m)	Reflector mount and alignment test. (Ref . § 1512.16 (c)and(d))	Pass
MA (1) THE	Procedure. A force of 89 N (20 lbf) shall be applied to the reflector mount in at least three directions selected as most likely to affect its alignment. At least one of those directions shall be selected to represent a force that would be expected in lifting the bicycle by grasping the reflector.	Pass
(2)	Criteria.	Pass
(i)	During test. The optical axis of the reflector shall remain parallel within 15° to the line or intersection of the ground plane and the center plane of the bicycle defined as a plane containing both wheels and the centerlines of the down tube and seat mast.	Pass
(ii)	Post test. The optical axis of the reflector shall remain parallel within 5° to the	Pass



Report No. : H	K2303222200-1RR Date: April 04, 2023 Pa	age 17 of 35
Applicable Section	Description	Result
TESTING	line or intersection of the ground plane and the center plane of the bicyc defined as a plane containing both wheels and the centerlines of the down tube and seat mast.	
(n)	Reflector test (Ref. §1512.16(g))	Pass
(1)	Conditioning. The following conditioning in the order given shall be performer to testing for performance.	ormed Pass
(i)	Warp age conditioning. The reflector shall be held in a preheated oven for least one hour at 50° ±5 °C (122±5.4 °F). A pedal reflector may be conditing integrally with its pedal.	itioned Pass
(ii)	Mechanical impact conditioning. The reflector shall be mounted faceup i manner similar to the way in which it is mounted on the bicycle. A 13 mm in.) diameter polished steel ball shall be dropped normal to the center of face of the reflector from a height of 0.76 m (30 in.). The ball may be gui by a tube with holes, but not restricted in free fall. Pedal reflectors are exfrom this impact conditioning.	n (1/2 f the ided Pass
(iii)	Moisture conditioning. The reflector shall be submerged in tap water in a suitable container. The container shall be pressurized in 17.2 kN/m2 (2.5 (equivalent to 1.7 m (53/4 ft.)) of water for 15 minutes and then released	5 psi) Pass
	Reflector performance test.(i) Arrangements for the reflector performance shall be as shown in figure 3 and the distance D between the light source the reflector shall be 30.5 m (100 ft.). The source of illumination shall be lamp with a 51 mm (2.0 in.) effective diameter and a filament operating a 2,856±10 percent color temperature. The observation point shall be color (as close as practicable) with the source of illumination. The reflector shamounted with the center of the reflector at the center of rotation and at the same horizontal level as the source of illumination. Photometric measurements shall be made at the observation angles and entrance ar given in tables 1 and 2.	ce and e a at ocated all be he
	(ii) The observation angle is the angle formed by a line from the point of observation to the center of the reflector with a second line from the centhe reflector to the source of illumination. The entrance angle is the angle between the optical axis of the reflector and a line from the center of the	iter of le
(2)	reflector to the source of illumination. The entrance angle shall be designated left, right, up, and down in accordance with the position of the source of illumination with respect to the axis of the reflector as viewed from behing	nated Pass
	reflector when the plane of the observation angle is vertical and the rece above the source. (iii) Photometric measurements shall be made either vor photoelectrically. With either method, the light reflected to the observation point shall be determined. Also, the illumination on the reflector from the source shall be measured. (iv) For visual measurements a comparison late emitting light similar in spectral quality to the reflector, shall be located adjacent to the reflector (at an angle not to exceed 1/2°) and arranged so the candlepower can be varied from 0.01 to 0.25 to make the intensity	visually ation e amp,
	duplicate that of the reflector under test. The candlepower of the source illumination of the reflector under test shall be known or determined for t test. Means shall be provided to change the intensity of the source of illumination without changing the filament color temperature. The compa lamp shall be designed to avoid reflection from the source of illumination	this arison



	K2303222200-1RR	Date: April 04, 2023	Page 18 o	f 35
Applicable Section		Description		Result
KTESTING	when viewed by the ob candlepower can be re The observer shall hav observations. For photo shall not be more than	bserver. It shall be of such size and so server (through a 21/2 × reducing mor adily compared and adjusted to that of e at least 10 minutes of dark adaption belectric measurements, the opening to 1/2 inch vertical by 1 inch horizontal. (v) a fixed rotational position with respect	nocular), the f the reflector. before making o the photocell ) Reflectors that	TESTING
WAY TESTING	or the bicycle compone spokes), shall be tested on the bicycle in a fixed rotated about their axis footcandle for each tes	ent on which they are mounted (such a d with a single orientation. Reflectors the distribution of the through 360° to find the minimum can the point. If the measurement falls below point, the reflector shall be rotated ±5	s pedals or hat do not mount bicycle shall be adlepower per the minimum	
HUAKTESTING	from the angle where the per footcandle within the uncolored reflections from at any test point the low and left of the test point.	ne minimum occurs, and the maximum his angle shall be the measured value. om the front surface interfere with pho west reading and location within 1° about t shall meet the minimum requirement ded coordinate system for definition of	n candlepower (vi) Should tometric readings ove, below, right, for the test	
NG WAKTESTING	and when illuminated by reflector will be consider by the red spectrum loo will be considered to be	airage (CIE 1931)" system. In the coord by the source defined in table 4 of this pered to be red if its color falls within the cus and the lines $y = 0.980-x$ and $y = 0.980-x$ and $y = 0.980-x$ and the lines $y = 0.382$ , $y = 0.790-x$	part 1512, a region bounded 0.335; a reflector on bounded by	TESTING (
(o)	Reflective tire and rim t	est(Ref. § 1512.16(h)and (i))	(a)	Pass
HUANTESTING	shown in figure 3 of this effective lens diameter the retroreflective surfa uniform intensity shall be sample shall have a co tungsten filament lamp	nts for the reflective intensity measured in the spart 1512. A light projector (having a of D/500, where D is the distance from the being measured) capable of projector used to illuminate the sample. The large the sample in the sample of 2856°K + 10% (equal operated at a color temperature of 2856°K + 10% (equal projection).	maximum  the source to  ting light of  light falling on the  livalent to a  56°K + 10%	HUAK TESTING
(1)	part 1512). The light re photoelectric receiver, spectral sensitivity of the active area of the receiver is more than E receiver to the retroreflective tires or rispokes, masked in flat	flected from the test surface shall be not the response of which has been correct the average photopic human eye. The cover shall be such that no point on the point of the distribution of the point of the country of the surface). Wheels used for the mass shall have all exposed metallic surblack so that when measured these surfaces.	neasured with a cted for the dimensions of the perimeter of the stance from the neasurement of faces, including urfaces indicate	Pass Pass
HUAKTESTING	Distances shall be mea hub. For the tests, the	nce. The tire shall be mounted and full asured from the plane of the wheel and distance D between the projector and the tween the center of the wheel and the 50 ft.).	the center of the the center of the	HUAKTESTING





Report No.: HK2303222200-1RR Date: April 04, 2023 Page 19 of 35

	(2303222200-1RR Date: April 04, 2023 Page 19	of 35
Applicable Section	Description	Result
(2)	Procedure	Pass
(i)	Masking. The reflecting strip to be tested shall be within two concentric circles, the larger of which is no more than 0.02 m (0.79 in.) greater in radius than the smaller. While additional reflecting material is permitted outside such boundaries, such additional material shall not be counted in determining the average width of the reflecting strip and shall be masked off with opaque, matte black tape in testing the reflecting material.	Pass
(ii)	Orientation. Every position of the reflecting strip on the rim or the mounted and fully inflated tire to be tested shall be oriented so that the normal to this portion is within 40° of parallel to the axis of rotation of the wheel.	Pass
UAN ESTING	Measurement. Measure the distance d from the receiver to the center of the wheel and the minimum distance r from the axis of rotation of the wheel to the unmasked portion of the reflective strip. Measure the illumination incident on the reflective strip at uniform intervals of no more than 45° around the wheel, with the receiver oriented in the direction of the incident radiation. The average of such readings will be the mean illumination of the sample E. If any one of such readings differs by more than 10 percent from the mean illumination, then a more uniform source must be obtained. Measure the illumination of the receiver due to reflection from the retroreflective surface for each entrance angle and each observation angle given in table 3 of this part	HIAN TESTING
(iii)	1512. The entrance angle and the observation angle shall be in the same plane. A negative entrance angle (figure 3 of this part 1512) is specified when the entrance angle is small because the location of the receiver with respect to the direction of illumination becomes important for distinguishing between ordinary mirror-like reflection and retroreflection. The illumination incident on the test surface and the receiver shall be measured in the same units on a linear scale. Compute the ratio A for each combination of entrance angle and observation angle listed in table 3 as follows:  A = [(Er / Es)(d2 / r)]  Where:	Pass
	A = Ratio in meters, Er = Illumination incident upon the receiver, Es = Illumination incident upon a plane perpendicular to the incident ray at the specimen position (see instructions above in this paragraph (o)(2)(iii) for averaging), measured in the same units as Er,	HUAKTE
	d = The distance in meters from the receiver to the center of the wheel, r = The minimum radius in meters of the boundary circles of the retroreflective strip.  The minimum value of A shall be that listed in table 3 of this part 1512 for each combination of entrance angle and observation angle. The plane containing the entrance angle and the plane containing the observation angle shall coincide. In table 3, a positive entrance angle corresponds to the case in which the line of sight to the receiver lies between the line of incidence and the optic axis of the reflector, and a negative entrance angle corresponds to the case in which the line of incidence lies between the line of sight of the receiver and optic axis of the reflector.	HUAKTESTING
(iv)	Criteria. The ratio A as defined in § 1512.18(o)(2)(iii) shall not be less than: A = $4\cos 2\theta/[1 + (\Phi/0.225)3/2]$ where A is ratio in meters, $\theta$ is the entrance angle in degrees, and $\Phi$ is the	Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 20 of 35

	(2303222200-1RR Date: April 04, 2023 Page 20 c	of 35
Applicable Section	Description	Result
CTESTING	observation angle in degrees. The criterion applies only for entrance angles from 0° to 40° and observation angles from 0.2° to 1.5°, and performance is not specified beyond this range. The values of A in table 3 are obtained from the above formula by rounding up to two significant figures. Except in cases in which the performance of the reflector is seriously questionable, a reflector with A at least the value given in table 3 at each of the six combinations of entrance and observation angles will be considered to satisfy this criteria.	TESTING.
(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
HUAKTESTING	Road test.(1) Procedure. The bicycle shall be ridden at least 6.4 km (4.0 mi.) by a rider weighing at least 68.1 kg (150 lb.) with the tires inflated to maximum recommended pressure. Travel shall include riding the bicycle five times over a 30 m (100 ft.) course of wooden cleats fastened to a paved surface. The cleats shall be a full 25 mm (1.0 in.) high by 51 mm (2.0 in.) wide lumber with	MANY TESTING
(p)	a 12 mm by 12 mm (1/2 in. by1/2 in.) chamfer of 45° on the corners contacting the tires. The cleats shall be spaced every 1.8 m (6.0 ft.) over the 30 m (100 ft.) course. The bicycle shall be ridden over the cleated course at a speed of at least 24 km/hr (15 mph) with the rider firmly seated.(2) Criteria. The bicycle shall exhibit stable handling, turning, and steering characteristics without difficulty of operation. There shall be no system or component failure of the	Pass
HUANTESTING	structure, brakes, or tires and there shall be no loosening or misalignment of the seat, handlebars, controls, or reflectors.	HUAKTESTIN
q	Sidewalk bicycle proof test. (Ref. §§ 1512.15(c) and 1512.17(b)):	Pass
MARTIE THE	Procedure. The bicycle shall be loaded with weights of 13.6 kg (30 lb.) on the seat surface and 4.5 kg (10 lb.) attached to the end of each handle grip for a total load of 22.7 kg (50 lb.). The bicycle shall be lifted a distance of 0.3 m (1.0 ft.) and dropped (while maintaining an upright position) three times onto a paved surface. Following this and with weight removed, it shall be allowed to fall in any configuration and attitude from an upright position to the paved surface three times on each side.	Pass
(r)	Abrasion test for retroreflective rims.	Pass
(1)	This test consists of a steel wire cup brush rotating at a constant velocity of 60 rpm that is applied at a force of 2 N (0.45 lbf) to the retroreflective material on one side of a bicycle wheel rim. The rim is rotated about the axle at a linear velocity of 0.23 m/sec (9 in./sec). The test is complete when the wheel has completed 1000 revolutions.	Pass
(2)	Apparatus. Figure 8 of this part 1512 illustrates the following test fixture arrangement that is suitable to perform this abrasion test (i) Test fixture. The test fixture contains a clamp to hold the axle of a bicycle wheel so that the wheel can rotate freely about the axle. The axis of rotation is capable of being inclined from the vertical to bring that portion of the side of the wheel rim containing the retroreflective material into a horizontal plane as it passes beneath the abrading brush. A drive mechanism to rotate the bicycle wheel contains a means to adjust the rotational velocity to obtain the specified linear	Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 21 of 35

	(2303222200-1RR Date: April 04, 2023 Page 21 o	of 35
Applicable Section	Description	Result
TESTING	velocity measured at a point on the wheel rim on the axis of the abrading brush.  (ii) Abrader. The abrader is a cup brush meeting the specification in paragraph (r)(3)(v) of this section. It is mounted in a chuck attached to a motor that rotates about a vertical axis at the specified rotational velocity. A means is provided to apply the rotating cup brush at the specified force against the retroreflective material on the bicycle wheel rim. The axis of the abrading brush is positioned on the midpoint in the width of the retroreflective material. The force is produced by deadweights applied to a pan on the axis of the	TESTING
(2)	counterbalanced motor/brush assembly.	HUAK .
(3) (i)	Specifications.  The linear velocity of the reflective band on wheel rim shall be 0.23 m/sec (9 in./sec) measured at a point on the axis of the abrading brush.	Pass Pass
(ii)	The rotational velocity of the abrading brush shall be 60 rpm.	Pass
(iii)	The force normal to the plane of the retroreflective material at which the abrading brush is to be applied shall be 2 N (0.45 lbf).	Pass
(iv)	The bicycle wheel shall make 1000 complete revolutions per test.	Pass
(v)	The abrader shall be a cup brush having bristles that are 0.005 in. (approx. 0.13mm) diameter low carbon steel wire; an outside diameter of 0.5 inch (aprox13mm); a wire bristle length of 0.25 inch (approx. 6.4mm); and a cup diameter of 0.405 inch (approx. 10.29mm)	Pass
(vi)	The abrasion test shall be conducted at an ambient temperature of between 16 °C (60 °F) and 27 °C (80 °F).	Pass
(4) 1512.19	Procedure. (i)The retroreflective bicycle rim to be tested shall be an unused sample free from grit, grime and grease. Prior to beginning the test, remove, according to instructions supplied with the bicycle, any protective coating or material used to prevent damage in shipping.(ii) Test the wheel in a suitable test fixture, according to the specifications in paragraph (r)(3) of this section.(iii) Clamp the wheel by its axle in the test fixture and align the axis of rotation so that the portion of the reflective material below the axis of the abrading brush is horizontal.(iv) Shape the cup brush by hand to the specified 0.5 (approx. 13mm) diameter. Any stray wire bristles projecting more than1/32 in. (approx. 1 mm) beyond the tip of the bulk of the bristles should be clipped off. Adjust the position of the brush so that its axis is centered over the midpoint in the width of the retroreflective material.(v) Adjust the rotational velocity of the bicycle wheel to obtain a linear velocity of 0.23 m/sec (9 in./sec) measured at the mid-point in the width of the retroreflective material. Adjust the force to obtain a force normal to the surface under the brush of 2 N (0.45 lbf).(vi) Apply the abrading brush to the retroreflective material on the wheel rim, and continue the test for 1000 complete revolutions of the bicycle wheel.  Instructions and labeling.  A bicycle shall have an instruction manual attached to its frame or included with	Pass
(a)	packaged unit.  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.(2) Assembly instructions for accomplishing	Pass



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 22 of 35

Applicable	Description	
Section	Description	Result
K.TESTING	complete and proper assembly.(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.	STES TIME
(b) ms	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]	NA
(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 I a bear 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

NA= Not Applicable			
W TESTING	*******	******	*****



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 23 of 35

Tested part(s):

Seq. no	Part(s) name
ESTING 1	Black, orange coating

#### 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)

140.00	l lœi4	MDI	Results	l imit
Item	Unit	MDL	1	Limit
Lead Content (Pb)	⊚ mg/kg	5	N.D.	90
Conclusion	1	WAY TES	Pass	1 WAKTES

# 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

 Lead Content (Pb)
 mg/kg
 5
 NA
 100

 Conclusion
 /
 /
 /

#### (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 1	Limit
Lead Content (Pb)	mg/kg	5	N.D.	90
Conclusion	1	1	Pass	1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com





Report No.: HK2303222200-1RR Date: April 04, 2023 Page 24 of 35

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).

<b>W</b>	Unit MDL	Results		
Item		MDL	1 max TE	Limit
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	1	1	Pass	1

#### 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.

\*\*\*\*\*\*\*\*\*\*\*\*\*





Report No.: HK2303222200-1RR Date: April 04, 2023 Page 25 of 35

#### 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	
HIM (i) Thus	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,	Pass
HUAKTESTING	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.	
(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. 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 Commission may, in appropriate cases, permit information required under		Pass
		Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 26 of 35

teport No. : H	N2303222200-TRR Date: April 04, 2023 Page 20	01 33
Applicable Section	Description	Result
	paragraphs (1) and (2) of this subsection to be coded.	(a)
(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)	DEFINITIONSIn this section	Pass
(g)	REQUIREMENTS FOR CERTIFICATES (1) IDENTIFICATION OF ISSUER AND CONFORMITY ASSESSMENT BODYEvery 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

\*



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 27 of 35

F. § 1500.20 Labeling requirement for advertising toys and games.

	Description	Result
	(a) Scope. This section applies to catalogue and other printed material advertisements which provide a direct means of purchase or order of products requiring cautionary labeling under sections 24(a) and (b) of the FHSA.	Pass
	(b) Effective Date. Under the Consumer Product Safety Improvement Act of 2008, Public Law 110-314, 122 Stat. 3016 (August 14, 2008), ("CPSIA"), the effective date of the CPSIA's amendment to Section 24 of the FHSA to require cautionary statements in catalogues and other printed materials is February 10, 2009. By this rule, the Commission is providing a grace period of 180 days, or until August 9, 2009, during which catalogues and other printed materials printed prior to February 10, 2009, may be distributed without such cautionary statements. Catalogues and other printed materials that are printed on or after February 10, 2009, must have the required cautionary statements. All catalogues and other printed materials distributed on or after August 9, 2009, must comply with this rule. This rule addresses only catalogues and other printed materials; however, the CPSIA extends the requirements for cautionary statements to Internet advertisements as well. Internet advertisements must comply with Section 24 of the FHSA as amended by the CPSIA no later than December 12, 2008.	Pass Pass
	(c) Definitions. For the purposes of this section, the following definitions shall apply.	
	(1) Ball means a spherical, ovoid, or ellipsoidal object that is designed or intended to be thrown, hit, kicked, rolled, dropped, or bounced. The term "ball" includes any spherical, ovoid, or ellipsoidal object that is attached to a toy or article by means of a string, elastic cord, or similar tether. The term "ball" also includes a multi-sided object formed by connecting planes into a generally spherical, ovoid, or ellipsoidal shape that is designated or intended to be used as a ball, and any novelty item of a generally spherical, ovoid, or ellipsoidal shape that is designated or intended to be used as a ball. The term "ball" does not include dice, or balls permanently enclosed inside pinball machines, mazes, or similar other containers. A ball is permanently enclosed if, when tested in accordance with 16 CFR 1500.53, it is not removed from the outer container.	Pass
	(2) Small ball means a ball that, under the influence of its own weight, passes in any orientation, entirely through a circular hole with a diameter of 1.75 inches (44.4 mm) in a rigid template 1/4 inches (6 mm) thick. In testing to evaluate compliance with this regulation, the diameter of opening in the Commission's test template shall be no greater than 1.75 inches (44.4 mm).	N/A
	(3) Latex balloon means a toy or decorative item consisting of a latex bag that is designed to be inflated by air or gas. The term does not include inflatable children's toys that are used in aquatic activities such as rafts, water wings, swim rings, or other similar items.	N/A
	(4) Marble means a ball made of hard material, such as glass, agate, marble, or plastic, that is used in various children's games, generally as a playing piece or marker. The term "marble" does not include a marble permanently enclosed in a toy or game. A marble is permanently enclosed if, when tested in accordance with 16 CFR 1500.53, it is not removed from the toy or game.	N/A
	<ul> <li>(5) Small part means any object which, when tested in accordance with the procedures contained in 16 CFR 1501.4(a) and 1501.4(b)(1), fits entirely within the cylinder shown in Figure 1 appended to 16 CFR part 1501. The use and abuse testing provisions of 16 CFR 1500.51 through 1500.53 and 1501.4(b)(2) do not apply to this definition.</li> <li>(6) Direct means of purchase or order means any method of purchase that allows the</li> </ul>	Pass
1800	purchaser to order the product without being in the physical presence of the product.  Advertising that provides a direct means of purchase or order of a product would include	Pass



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 28 of 35

Report No.: HK2303222200-1RR	Date: April 04, 2023	Page 28 d	01 35
Description			Result
catalogues or other printed advertising m or fax numbers for placing orders, and Int a product online or through the use of a to Internet Web site.	ternet Web sites that enable consun elephone number or fax number pro	ners to purchase vided on the	MIN MIN
(d) Advertising requirements. Any toy or on the choking hazard associated with small partical cautionary statement in the product's adverse or order the product.	ts, balloons, small balls, or marbles	must bear that	Pass
(1) The advertising for any article that is a at least three years old but less than six yeartionary statement if the toy or game in	rears of age shall bear or contain the acludes a small part:	e following	Pass
(2) The advertising for any latex balloon, bear the following cautionary statement:	or toy or game that contains a latex	balloon, shall	NA
(3)(i) The advertising for any small ball in bear the following cautionary statement:	STING	-STING	Pass
(ii) The advertising for any toy or game in but less than eight years of age that conta statement:	ains a small ball shall bear the follow	ing cautionary	Pass
(4)(i) The advertising for any marble inter bear the following cautionary statement:	ided for children three years of age	or older shall	NA
(ii) The advertising for any toy or game in but less than eight years of age that conta statement:			NA
(e) Abbreviated warnings for catalogues a the required cautionary statements are per provided that the corresponding full cautions.	ermitted in each individual product a	dvertisement,	LAKTESTING (
statement referring to the precise location number on which the cautionary statement catalogue page that contains one or more cautionary statements are used:	n of the full cautionary statements—s nts can be found—is located at the b	such as the page oottom of each	Pass
<ul><li>(1) The full cautionary statements associated shall appear:</li><li>(i) Near the beginning of the catalogue, b</li></ul>	ALL ALL		Pass
advertisements of products available for p (ii) Adjacent to the ordering information o	ourchase, or	NA TESTING	1 dos
(2) The full cautionary statements shall be typography, layout or color.	e in conspicuous and legible type in	contrast by	Pass
(3) The full cautionary statements shall be scheme:	e clearly numbered according to the	following	
Required cautionary statement 16 CFR 1500.19(b)(1) <sup>1</sup>	Number	1 TESTING	LANTESTING (
16 CFR 1500.19(b)(2) <sup>2</sup> 16 CFR 1500.19(b)(3)(i) <sup>3</sup>		2 3	Pass
16 CFR 1500.19(b)(3)(ii) <sup>4</sup> 16 CFR 1500.19(b)(4)(i) <sup>5</sup>		4 5	STING
16 CFR 1500.19(b)(4)(ii) <sup>6</sup>	to shall consist of itoms 1500 20(a)(	6 (2)(i) through	WAY TES
(4) The abbreviated cautionary statemen 1500.20(e)(3)(iv):	is shall consist of items 1000.20(e)(	շյ <sub>(1)</sub> unougn	Pass



Report No.: HK2303222200-1RR Date: April 04, 2023 Page 29 of 35

Report No. : HK2505222200-1KK Date: April 04, 2025 Page 29 C	) JJ
Description	Result
(i) A safety alert symbol substantially similar to that shown in figure 7.	HUM
(ii) The phrase, "CHOKING HAZARD," written in capital letters.	Pass
(iii) Numbers, separated by commas and enclosed within a single set of parentheses, that identify the applicable cautionary statements for the product being advertised, followed by a period. These numbers shall match the numbers used to identify each full cautionary statement, as specified in 1500.20(e)(2).	Pass
(iv) A single prohibited age range written as either "Not for under 3 yrs" or "Not for under 8 yrs," based on the most restrictive age range for all required cautionary statements for that product. Thus, if an advertised product requires the cautionary statement specified in 16 CFR 1500.19(b)(2), the prohibited age range in the abbreviated cautionary statement shall be "Not for under 8 yrs."	Pass
(v) For example, see Figure 8 for the abbreviated cautionary statement for an advertisement of a product that requires the cautionary statements specified in 16 CFR 1500.19(b)(1) and 16 CFR 1500.19(b)(2).	Pass
(f) Alternatives to cautionary statements for individual product advertisements in catalogues and other printed materials. Multiple identical full or abbreviated cautionary statements may be replaced with a single full cautionary statement under the following circumstances:	Pass
(1) If all products available for purchase within a catalogue require the same cautionary statement, that cautionary statement, in full, may appear on the front cover, or equally conspicuous location, of the catalogue in lieu of repeating the cautionary statement within the catalogue, provided that it is communicated to consumers that the cautionary statement applies to all products in the catalogue.	Pass
(2) If all products on one catalogue page or on two facing catalogue pages require the same cautionary statement, that cautionary statement, in full, may appear at the top of the page or pages in lieu of repeating the cautionary statement in each product advertisement, provided that it is communicated to consumers that the cautionary statement applies to all products on the catalogue page or pages.	Pass
(g) Prominence and conspicuousness of labeling statements. The type size of abbreviated cautionary statements shall be reasonably related to the type size of any other printed matter in the product advertisement, and must be in conspicuous and legible type by typography, layout, or color with other printed matter in the advertisement and separated from other graphic matter.	Pass
(h) Business to Business Catalogue Exception. The requirements of section 24(c)of the Federal Hazardous Substances Act, as amended by section 105 of the CPSIA, do not apply to catalogues and other printed materials distributed solely between businesses unless the recipient business is one that could be expected to be purchasing the product for the use of children (instead of for resale, e.g.). Examples of businesses that can be expected to be purchasing products for the use of children include day care centers, schools, and churches.	Pass

-NA= Not Applicable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\* Modified History \*\*

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2023/04/04	Jason Zhou
TING	TING	TING	TING
HUAK TES	KTES HUAKTES	HUAKTES	HUAKTES



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 30 of 35

**Photograph of Sample** 







Report No. : HK2303222200-1RR Date: April 04, 2023 Page 31 of 35







Report No. : HK2303222200-1RR Date: April 04, 2023 Page 32 of 35





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannon be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 33 of 35





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 34 of 35





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



Report No. : HK2303222200-1RR Date: April 04, 2023 Page 35 of 35



HUAK authenticate the photo on original report only

#### \*\*\* End of Report \*\*\*

Remark: This report is considered invalidated without the Special Seal for Inspection of the HUAK. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of HUAK, this test report shall not be copied except in full and published as advertisement.

