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FUN WHEELS TOYS CO., LIMITED **Applicant**

ZHE JIANG SHENG JIA XING SHI PING HU SHI XIN CANG ZHEN FENG Address

YE LU 18HAO 1HAO FANG 201-202HAO

The Submitted Sample Said To Be

Sample Name CHILDREN'S BATTERY OPERATED MOTORBIKE

Type No. RT8015

Not Provided Labeled Age Grading

Requested Age Grading Age Group Applied in Testing

Date of Sample Received : Jul. 15, 2024

Test Period : Jul. 15, 2024 ~ Aug. 05, 2024

Test Conducted As requested by the applicant, refer to following page(s) for details.

Reviewed by:

Signed for and on behalf of Compliance Control Lab (Dongqualpato)

Approved by:

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Prepared by:

Nell



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Executive Summary:

Tested sample(s)	Test Standard/Test Item	Conclusion
	ASTM F963-23 Standard Consumer Safety Specification on Toy Safety	Pass
	CPSIA section 103 – Tracking Labels for Children's Products	Pass
Tested components of submitted sample	Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Lead (Pb) content	Pass
	Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates contents	Pass



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Test Results:

As Specified in ASTM F963-23 Standard Consumer Safety Specification on Toys Safety

The submitted samples were undergone the test abuse and specific tests for different types of toy	s in accordance with section 8.5 through 8.30 on normal use, s whichever is applicable
Test	Parameter
Impact test	4x3.0ft
Torque test	4in-lbf
Tension test	15 lbf

Clause	Description	Assessment
4.	Safety Requirements	-
4.1	Material quality(visual examination)	Pass
4.2	Flammability	Pass (See Note 1)
4.3	Toxicology	
4.3.1	Hazardous substances	N/A
4.3.2	Manufacturing and packaging of food	N/A
4.3.3	Indirect food additives	N/A
4.3.4	Cosmetics	N/A
4.3.5	Heavy elements	Pass (See Note 2)
4.3.6	Cosmetics, liquids, pastes, putties, gels, powders, and items of avian feather origin	N/A
4.3.7	Stuffing materials	N/A
4.3.8	Phthalates	Pass (See Note 3)
4.4	Electrical/thermal energy	N/A
4.5	Sound-producing toys	Pass
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age	N/A
4.6.2	Mouth-actuated toys	N/A
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	N/A
4.7	Accessible edges	Pass
4.8	Projections	Pass



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Clause	Description	Assessment
4.9	Accessible points	Pass
4.10	Wires or rods	N/A
4.11	Nails and fasteners	Pass
4.12	Plastic film	Pass
4.13	Folding mechanisms and hinges	N/A
4.14	Cords, straps, and elastics	N/A
4.15	Stability and over-load requirements	Pass
4.16	Confined spaces	N/A
4.17	Wheels, tires and axles	Pass
4.18	Holes, clearance, and accessibility of mechanisms	Pass
4.19	Simulated protective devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile toys	N/A
4.22	Teethers and teething toys	N/A
4.23	Rattles	N/A
4.24	Squeeze toys	N/A
4.25	Battery-operated toys	Pass
4.26	Toys intended to be attached to a crib or playpen	N/A
4.27	Stuffed and beanbag-type toys	N/A
4.28	Stroller and carriage toys	N/A
4.29	Art materials	N/A
4.30	Toy gun marking	N/A
4.31	Balloons	N/A
4.32	Certain toys with nearly spherical ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-shaped objects	N/A
4.37	Yo yo elastic tether toys	N/A



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Clause	Description	Assessment
4.38	Magnets	N/A
4.39	Jaw entrapment in handles and steering wheels	N/A
4.40	Expanding materials	N/A
4.41	Toy chests	N/A
5.	Labeling Requirements	<u></u>
5.1	Federal government requirements	N/A
5.2	Age grading labeling	Pass
5.3	Safety labeling requirements	Pass
5.4	Aquatic toys	N/A
5.5	Crib and playpen toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and carriage toys	N/A
5.8	Toys intended to be assembled by an adult	Pass
5.9	Simulated protective devices	N/A
5.10	Toys with functional sharp edges or points	N/A
5.11	Small objects, small balls, marbles and balloons	N/A
5.12	Art materials	N/A
5.13	Electric toys	Pass
5.14	Battery-operated toys	Pass
5.15	Promotional materials	N/A
5.16	Magnets	N/A
6.	Instructional Literature	
6.1	Definition and description	N/A
6.2	Crib and playpen toys	N/A
6.3	Mobiles	N/A
6.4	Toys intended to be assembled by an adult	Pass
6.5	Battery-operated toys	Pass
6.6	Battery-powered ride-on toys	Pass
6.7	Toys in contact with food	N/A



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Clause	Description	Assessment
6.8	Toy chests	N/A
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies) shall direct caregivers to retain the tool for future use, to store it where the child cannot access it, and state that the tool is not a toy.	Pass
7.	Producer's Markings	<u>-</u>
7.1	Either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor. In the case of toys sold in bulk, such as jacks or marbles, only the container need be marked. All of these markings shall be legible and so positioned as to be seen easily by the customer and shall resist normal use conditions. Toys may carry a code that will enable the producer to identify model changes except for toys comprising many loose components, in which case the container may be so coded.	
	- Name of producer/distributor (Package)	Yes
	- Address (Package)	Yes
7.2	Battery-Powered Ride-on Toys	Pass
7.3	Toy chests	N/A
7.3.1	Each toy chest shall be labeled permanently and conspicuously to identify the name and address (city, state, and zip code) of either the manufacturer, distributor, or seller.	N/A
7.3.2	A code mark or other mark shall be provided on the toy chest and either the packaging or shipping container that will identify the date (month and year) of manufacture and permit future identification of any given model.	N/A
7.3.3	The manufacturer shall change the model number whenever the toy chest undergoes a significant structural design, or material modification, or a change that affects its conformance with this consumer safety specification.	N/A

Note: N/A = Not Applicable N/C = Not conducted as per client's requirement

Note 1: ASTM F963-23 – Flammability test (Clause 4.2)

Flammability Test on Solid

Sample	Limit (inch/sec)	Burning Rate (inch/sec)
CHILDREN'S BATTERYOPERATEDMOTORBIKE	0.1	DNI

DNI = Did Not Ignite



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Test Results:

Note 2: ASTM F963-23 - Heavy Elements

Heavy metal content in paint and similar surface coating material: ASTM F963-23 Section 4.3.5.1

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-23 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

A	Total	Soluble							
Test Items	Pb	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL 🔝	10	5	2.5	5	5	2.5	5	2.5	5
Limit	90	60	25	1000	75	60	90	60	500
Test Item No.					Test resul	t			
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Heavy metal content in Toy Substrate Materials: ASTM F963-23 Section 4.3.5.2

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-23 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Took Itoms	Haft	BI (IIII)	l imit	Test result		
Test Items	Unit	RL	Limit	2+3+4	5+6+7	8+9
Total Pb	mg/kg	10	100	N.D.	N.D.	N.D.

Test Items	Ploit	BI	Limit			
restitems	Unit	RL	Limit	10+11	12+13	14+15
Total Pb	mg/kg	10	100	N.D.	N.D.	N.D.

Tool Home	11-14	DI				tresult	
Test Items	Unit	RL Li	Limit	16#	17#	18#	
Total Pb	mg/kg	10	100	N.D.	N.D.	N.D.	



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Test Results:

Test Items				Solu	uble			
rest items	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Unit	mg/kg							
RL	5	2.5	5	5	2.5	5	2.5	5
Limit	60	25	1000	75	60	90	60	500
Test Item No.				Test	esult			
2	N.D.							
3	N.D.							
4	N.D.							
5	N.D.							
6	N.D.							
7	N.D.							
8	N.D.							
9	N.D.							
10	N.D.							
11	N.D.							
12	N.D.							
13	N.D.							
14	N.D.							
15	N.D.							

Note

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)
- 4. # = Accessible specimen(s) (glass, metal or ceramic) was (were) not small part, no requirement to test the soluble migrated element according to ASTM F963-23 Section 4.3.5.2(1).



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Test Results:

Note 3: ASTM F963-23 - Phthalates (Section 4.3.8)

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

Took Home	CAS No.	I I m i 4	DI .	l insit	Test result			
Test Items	CAS NO.	Unit	RL	Limit	1	2+3+4	5+6+7	
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.	
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.	
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.	

Tartitama	CACNA	Unit	Б	1 : 14	Test result		
Test Items	CAS No.		RL	Limit	8+9	10+11	12+13
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.



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Test Results:

T	040 N	1114	ы	1 : 14	Test result
Test Items	CAS No.	Unit	RL	Limit	14+15
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

CPSIA section 103 - Tracking Labels for Children's Products

As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

Tracking labels found o	on the packaging:				
1) Name:	FUN WHEELS TO	YS CO., LIMIT	ΓED		
2) Location:	ZHE JIANG SHEN 18HAO 1HAO FAN			IN CANG ZHEN FEN	NG YE LU
3) Date:	2024.5.15				
4) Cohort information:	24HFE66120-1				

Tracking labels found o	n the product:			
1) Name:	1			
2) Location:	1			
3) Date:	1			
4) Cohort information:	1			



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Test Results:

Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Total Lead (Pb) Requirement for children's products

Total Lead content in Surface Coating:

Test Method: To refer to the test method CPSC-CH-E1003-09.1, the analysis was performed by ICP-OES.

Test Items	Unit	RL	Limit	Test result
Lead (Pb)	mg/kg	10	90	N.D.

Total Lead content in Substrate:

Test Method: To refer to the test method CPSC-CH-E1001-08.3 &CPSC-CH-E1002-08.3, the analysis was performed by ICP-OES.

T4 16	A Haif		1 : 16		Test result	
Test Items	Unit	RL	Limit	2+3+4	5+6+7	8+9
Lead (Pb)	mg/kg	10	100	N.D.	N.D.	N.D.

Toot Itomo	Unit				Test result	
Test Items	Onit	RL	Limit	10+11	12+13	14+15
Lead (Pb)	mg/kg	10	100	N.D.	N.D.	N.D.

Test Items		Unit RL		Limit	Test result			
rest items		Onit	KL	Lillit	16	17	18	
Lead (Pb)		mg/kg	10	100	N.D.	N.D.	N.D.	

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates Requirement for toys and childcare articles

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC / MS.

Total Manage	CAS No.	Unit	RL	1	Test result			
Test Items	CAS NO.	Unit	KL	Limit	1	2+3+4	5+6+7	
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.	
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.	
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.	

Tankling	CAS No.	Unit	DI		Test result		
Test Items	CAS NO.		RL	Limit	8+9	10+11	12+13
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.



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Test Results:

Test Items	CAS No.	Unit	RL	Limit	Test result
rest items	CAS NO.	Unit	KL	LITTIL	14+15
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	N.D.
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.

Note:

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- 3. N.D.= not detected(less than RL)



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Tested Materials:

No.	Description	
	Black coating (bracket)	
2	Black hard plastic (seat)	
3	Red hard plastic (main body/wheel)	
4	White hard plastic (main body)	
5	Grey hard plastic (switch box)	
6	Yellow hard plastic (button)	
7	Red hard plastic (switch)	
8	Black hard plastic (tire)	
9	Black hard plastic (feet pedal)	
10	Green hard plastic (main body)	
11	Yellow hard plastic (main body)	
12	Black soft plastic (handle)	
13	Transparent soft plastic (bushing)	
14	Grey soft plastic (front wheel bracket)	
15	Black soft plastic (bushing)	
16	Silvery metal except coating (bracket)	
17	Silvery metal (screw)	
18	Silvery metal (nut)	

Remark: As specified by client, the samples were subjected to mixed testing.



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*** End of Report ***



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