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TESTING
CNAS L3150



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Test Report

No.: EDG2212120252C00101R

Date: Dec. 20, 2022

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Applicant : HONGMA TOYS COMPANY

Address : Ximen industrial park, Chenghai District, Shantou, Guangdong, China

Sample Name : Plastic hen

Style/Item No. : GJ01

Labeled Age Grading : Not provided

Requested Age Grading : 3+

Age Group Applied in Testing : Over 3 years

Received Date : Dec. 13, 2022

Test Period : Dec. 13, 2022 ~ Dec. 20, 2022

Test Requested : As requested by the client, according to the following standards to perform the related testings.

- 1) EN71-1: 2014+A1: 2018 – Physical and Mechanical Tests
- 2) EN71-2: 2020 – Flammability Test
- 3) 2009/48/EC – Toy Safety Directives Label Assessment
- 4) EN71-3: 2019+A1: 2021 – Migration of certain elements

Test Results : Please refer to next page (s).

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EMTEK(Dongguan) Co., Ltd. 邮箱: E-mail: project@emtek.com.cn
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Test Report

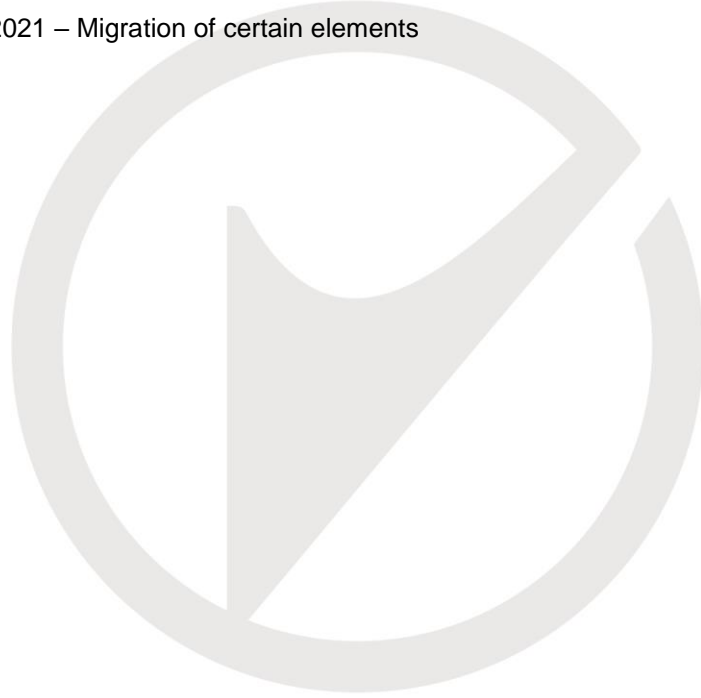
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Executive Summary:

STANDARD	CONCLUSION
1) EN71-1: 2014+A1: 2018 – Physical and Mechanical Tests	PASS
2) EN71-2: 2020 – Flammability Test	PASS
3) 2009/48/EC – Toy Safety Directives Label Assessment	SEE RESULT
4) EN71-3: 2019+A1: 2021 – Migration of certain elements	PASS



Signed for and on behalf of
EMTEK(Dongguan) Co., Ltd.

Prepared by:

Polly

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Li Wei, Lisa
Authorized signatory
Dec. 20, 2022

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Test Results:

1) Mechanical and Physical Tests:

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 1: 2014+A1: 2018

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness (by visual assessment).....	Pass
4.2	Assembly.....	N/A
4.3	Flexible plastic sheeting.....	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding parts	N/A
4.10	Parts moving against each other:	
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges.....	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth.....	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures:	
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child:	
4.15.1	Toys propelled by a child or by other means	N/A
4.15.2	Toy bicycles.....	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters.....	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys.....	N/A
4.18	Aquatic toys and inflatable toys.....	N/A

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<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets.....	N/A
4.24	Yo-yo balls.....	N/A
4.25	Toys attached to food.....	N/A
4.26	Toy Disguise Costumes.....	N/A
4.27	Flying toys.....	N/A
5	Toys intended for children under 36 months	
5.1	General requirements.....	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls.....	N/A
5.11	Play figures.....	N/A
5.12	Hemispheric shaped toys.....	N/A
5.13	Suction cups.....	N/A
5.14	Straps intended to be worn fully or partially around the neck.....	N/A
5.15	Sledges with cords for pulling.....	N/A
6	Packaging	Pass
7	Warnings, markings and instructions for use	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex Balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional Toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectile toys.....	N/A

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<u>Clause</u>	<u>Description</u>	<u>Result</u>
7.8	Imitation protective masks and helmets	<u>N/A</u>
7.9	Toy kites	<u>N/A</u>
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	<u>N/A</u>
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	<u>N/A</u>
7.12	Liquid-filled teethingers	<u>N/A</u>
7.13	Percussion caps specifically designed for use in toys	<u>N/A</u>
7.14	Acoustics	<u>N/A</u>
7.15	Toy bicycles	<u>N/A</u>
7.16	Toys intended to bear the mass of a child	<u>N/A</u>
7.17	Toys comprising monofilament fibres	<u>N/A</u>
7.18	Toy scooters.....	<u>N/A</u>
7.19	Rocking horses and similar toys.....	<u>N/A</u>
7.20	Magnetic/electrical experimental sets.....	<u>N/A</u>
7.21	Toys with electrical cables exceeding 300mm in length.....	<u>N/A</u>
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months.....	<u>N/A</u>
7.23	Toys intended to be attached to a cradle, cot or perambulator.....	<u>N/A</u>
7.24	Sledges with cords for pulling.....	<u>N/A</u>
7.25	Flying toys.....	<u>N/A</u>
7.26	Improvised projectiles.....	<u>N/A</u>

N/A = Not Applicable

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Test Results:

2) Flammability Test:

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2: 2020

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	General requirements	<u>Pass</u>
4.2	Toys to be worn on the head.....	<u>N/A</u>
4.3	Toy disguise costumes and toys intended to be worn by a child in play.....	<u>N/A</u>
4.4	Toys intended to be entered by a child.....	<u>N/A</u>
4.5	Soft-filled toys.....	<u>N/A</u>

N/A = Not Applicable

3) *2009/48/EC – Toy Safety Directives Label Assessment

Summary table:

	Observation Result	Location
Cleaning instruction	Not applicable	--
CE- marking	Present	Packaging
Importer's name & address	Present	Packaging
Manufacturer's name & address	Present	Packaging
Product identification code	Present	Packaging

Note: 1. It is drawn to your attention that the name and address of manufacturer and importer in EEC country, toy's type, batch, serial, model number or other element allowing the identification and the advice statement for keeping relevant information together with CE-marking should appear as specified Directive 2009/48/EC.

2. "★" = The test about this project was not within the scope of CNAS accreditations.



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Test Results:

4) Migration of Certain Elements – EN 71-3: 2019+A1: 2021

Test Method: With reference to EN 71-3:2019 +A1: 2021. Analysis of general elements was performed by ICP-OES; Chromium (VI) was analyzed by LC-ICP-MS and Organic Tin was analyzed by GC-MS.

Category III: Scraped-off materials

Extractable Elements Test Item	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	1	2	3	4	5		
Aluminum (Al)	ND	ND	ND	ND	ND	100	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	100	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	10	17
Chromium (III) (Cr III) #	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) #	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	4	180000
Organic Tin*	ND	ND	ND	ND	ND	4	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000

Note: 1. Mg/kg = part per million = ppm ND = Not Detected (less than MDL) MDL = Method Detection Limit

2. #: Soluble Chromium (III) and Soluble Chromium (VI) were reported as Soluble Total Chromium, further confirmation test will be required when Soluble Total Chromium is detected.

3. *: Soluble Organic Tin was reported as Soluble Tin, further confirmation test will be required when Soluble Tin is detected.

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Tested Materials:

No.	Description
1	Yellow hard plastic
2	Transparent hard plastic
3	Blue hard plastic
4	Purple hard plastic
5	Orange hard plastic

Note: The tested part was designated by client.

Sample Photo



*** End of Report ***

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