

**TEST REPORT**

Number : WUXH0010645802

Applicant : PINGHU UNITED VEHICLES CO., LTD  
30, XINGPING ROAD, XINCANG TOWN, PINGHU CITY,  
ZHEJIANG PROVINCE, CHINA  
Attn : SHREK L.

Date : Oct 22, 2020

**Sample Description:**

One (1) Group Of Submitted Sample Said To Be :

Item Name : Ride On.  
Item No. : A730-1,A023,A026,A021.  
Labelled Age Group : Over 3 years.  
Packaging Provided By Applicant : Yes(Artwork).  
Goods Exported To : Europe.  
Country Of Origin : China.

**Tests Conducted:**

As Requested By The Applicant, For Details Refer To Attached Page(s).

**Conclusion:**

| <u>Tested Samples</u> | <u>Standard</u>                                                                                                        | <u>Result</u> |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|---------------|
| Submitted Sample Set  | EN71-1:2014+A1:2018 For Mechanical And Physical Properties                                                             | Pass          |
| Submitted Sample Set  | EN71-2 : 2011+A1: 2014 Flammability Test                                                                               | Pass          |
| Submitted Sample Set  | EN IEC 62115:2020+A11:2020- Safety of Electric Toys Excluding the Clause 15.4, 19, Annex D, Annex E, Annex I & Annex J | Pass          |

Prepared And Checked By:  
For Intertek Testing Services Wuxi Ltd.



Peter Chen  
General Manager



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Tests Conducted (As Requested By The Applicant)

### 1 Mechanical and Physical Test

As per European Standard on Safety of toys EN71-1:2014+A1:2018.

Applicant's specified age group for testing: Over 3 years.

The submitted samples were undergone the following abuse tests:

| Test                          | Clause  | Parameter       |
|-------------------------------|---------|-----------------|
| Torque test                   | 8.3     | 0.34 Nm         |
| Tension test                  | 8.4.2.1 | 90 N            |
| Protective components         | 8.4.2.3 | 60 N            |
| Drop test                     | 8.5     | 850 mm x 5times |
| Tip over test                 | 8.6     | Three times     |
| Impact test                   | 8.7     | 1 kg            |
| Compression test              | 8.8     | 110 N           |
| Flexibility of metallic wires | 8.13    | 70 N            |

| Clause | Testing items                                                                        | Assessment |
|--------|--------------------------------------------------------------------------------------|------------|
| 4      | General requirements                                                                 |            |
| 4.1    | Material                                                                             | P          |
| 4.2    | Assembly                                                                             | P          |
| 4.3    | Flexible plastic sheeting                                                            | NA         |
| 4.4    | Toy bags                                                                             | NA         |
| 4.5    | Glass                                                                                | NA         |
| 4.6    | Expanding materials                                                                  | NA         |
| 4.7    | Edges                                                                                | P          |
| 4.8    | Points and metallic wires                                                            | P          |
| 4.9    | Protruding parts                                                                     | P          |
| 4.10   | Parts moving against each other                                                      | NA         |
| 4.11   | Mouth actuated toys and other toys intended to be put in the mouth                   | NA         |
| 4.12   | Balloons                                                                             | NA         |
| 4.13   | Cords of toy kites and other flying toys                                             | NA         |
| 4.14   | Enclosures                                                                           | NA         |
| 4.15   | Toys intended to bear the mass of a child                                            | P          |
| 4.16   | Heavy immobile toys                                                                  | NA         |
| 4.17   | Projectile toys                                                                      | NA         |
| 4.18   | Aquatic toys and inflatable toys                                                     | NA         |
| 4.19   | Percussion caps specifically designed for use in toys and toys using percussion caps | NA         |
| 4.20   | Acoustics                                                                            | P          |
| 4.21   | Toys containing a non-electrical heat source                                         | NA         |
| 4.22   | Small balls                                                                          | NA         |



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| Clause | Testing items                                                               | Assessment |
|--------|-----------------------------------------------------------------------------|------------|
| 4.23   | Magnets                                                                     | NA         |
| 4.24   | Yo-yo balls                                                                 | NA         |
| 4.25   | Toys attached to food                                                       | NA         |
| 4.26   | Toy disguise costumes                                                       | NA         |
| 4.27   | Flying toys                                                                 | NA         |
| 5      | Toys intended for children under 36 months                                  |            |
| 5.1    | General requirements                                                        | NA         |
| 5.2    | Soft-filled toys and soft-filled parts of a toy                             | NA         |
| 5.3    | Plastic sheeting                                                            | NA         |
| 5.4    | Cords, chains and electrical cables in toys                                 | NA         |
| 5.5    | Liquid filled toys                                                          | NA         |
| 5.6    | Speed limitation of electrically-driven ride-on toys                        | NA         |
| 5.7    | Glass and porcelain                                                         | NA         |
| 5.8    | Shape and size of certain toys                                              | NA         |
| 5.9    | Toys comprising monofilament fibres                                         | NA         |
| 5.10   | Small balls                                                                 | NA         |
| 5.11   | Play figures                                                                | NA         |
| 5.12   | Hemispheric-shaped toys                                                     | NA         |
| 5.13   | Suction cups                                                                | NA         |
| 5.14   | Straps intended to be worn fully or partially around the neck               | NA         |
| 5.15   | Sledges with cords for pulling                                              | NA         |
| 6      | Packaging                                                                   | P          |
| 7      | Warnings, markings and instructions for use                                 |            |
| 7.1    | General                                                                     | P          |
| 7.2    | Toys not intended for children under 36 months                              | P          |
| 7.3    | Latex balloons                                                              | NA         |
| 7.4    | Aquatic toys                                                                | NA         |
| 7.5    | Functional toys                                                             | NA         |
| 7.6    | Hazardous sharp functional edges and points                                 | NA         |
| 7.7    | Projectile toys                                                             | NA         |
| 7.8    | Imitation protective masks and helmets                                      | NA         |
| 7.9    | Toy kites                                                                   | NA         |
| 7.10   | Roller skates, inline skates and skateboards and certain other ride-on toys | P          |
| 7.11   | Toys intended to be strung across a cradle, cot, or perambulator            | NA         |
| 7.12   | Liquid-filled teethingers                                                   | NA         |
| 7.13   | Percussion caps specifically designed for use in toys                       | NA         |
| 7.14   | Acoustics                                                                   | NA         |
| 7.15   | Toy bicycles                                                                | NA         |
| 7.16   | Toys intended to bear the mass of a child                                   | NA         |



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| Clause | Testing items                                                                             | Assessment |
|--------|-------------------------------------------------------------------------------------------|------------|
| 7.17   | Toys comprising monofilament fibres                                                       | NA         |
| 7.18   | Toy scooters                                                                              | NA         |
| 7.19   | Rocking horses and similar toys                                                           | NA         |
| 7.20   | Magnetic/electrical experimental sets                                                     | NA         |
| 7.21   | Toys with electrical cables exceeding 300 mm in length                                    | NA         |
| 7.22   | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA         |
| 7.23   | Toys intended to be attached to a cradle, cot or perambulator                             | NA         |
| 7.24   | Sledges with cords for pulling                                                            | NA         |
| 7.25   | Flying toys                                                                               | NA         |
| 7.26   | Improvised projectiles                                                                    | NA         |

Remark : P = Pass

NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name and address were on the product & packaging.
- Importer's name and address were missed.
- Product identification code was on the product & packaging.
- CE-marking was on the product & packaging..

Date Sample Received: Sep 23, 2020 & Oct 21,2020

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Tests Conducted (As Requested By The Applicant)

2 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2011+A1: 2014

| Clause | Testing Items                                                                                                                                      | Assessment |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 4.1    | General                                                                                                                                            | P          |
| 4.2    | Toys to be worn on the head                                                                                                                        |            |
| 4.2.2  | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy   | NA         |
| 4.2.3  | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy | NA         |
| 4.2.4  | Full or partial moulded head masks                                                                                                                 | NA         |
| 4.2.5  | Flowing elements of toys to be worn on the head                                                                                                    | NA         |
| 4.3    | Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play                                                                              | NA         |
| 4.4    | Toys Intended to be Entered by a Child                                                                                                             | NA         |
| 4.5    | Soft Filled Toys                                                                                                                                   | NA         |

Remark : P = Pass

NA = Not Applicable

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3 Safety of Electric Toys

As per European Standard on Safety of Electric Toys EN IEC 62115:2020+A11:2020

Applicant's specified age group for testing: Over 3 years.

Power source: Remote: 3 V, LR 03 size x 2 pcs,

: Vehicle: 12 V, 7 Ah, Lead-acid rechargeable battery x 1pc (Non- Replaceable)

Charger1: Type: Input 100-240 V A.C., Output 12 V D.C.(Provided)

Model: LKC-120100.E

Charger2: Type: Input 100-240 V A.C., Output 12 V D.C.(Provided)

Model: LKC-120100.G

Electric Operated Function: Battery powered sound, LED light, motion.

| Clause | Requirement                                                               | Assessment |
|--------|---------------------------------------------------------------------------|------------|
| 1      | Scope                                                                     | --         |
| 2      | Normative reference                                                       | --         |
| 3      | Term and definitions                                                      | --         |
| 4      | General requirement                                                       | --         |
| 5      | General conditions for test                                               | --         |
| 6      | Criteria for reduced testing                                              | NA         |
| 6.1    | General                                                                   | --         |
| 6.2    | Short-circuit resistance                                                  | NA         |
| 6.3    | Low power electric toys                                                   | NA         |
| 6.4    | Battery circuits                                                          | NA         |
| 7      | Marking and instructions                                                  | P          |
| 7.1    | General                                                                   | P          |
| 7.2    | Marking on electric toys                                                  | P          |
| 7.3    | Instructions and markings on packaging                                    | P          |
| 7.4    | Instructions for electric toys that can be connected to class I equipment | NA         |
| 7.5    | Instructions for ride-on electric toys                                    | P          |
| 7.6    | Temperature warnings                                                      | NA         |
| 8      | Power input                                                               | NA         |
| 9      | Heating and abnormal operation                                            | P          |
| 9.1    | General                                                                   | --         |
| 9.2    | Test condition                                                            | --         |
| 9.3    | Normal operation                                                          | P          |
| 9.4    | Normal operation with insulation short-circuited                          | P          |
| 9.5    | Abnormal operation with temperature controls made inoperable              | NA         |
| 9.6    | With accessible moving parts locked                                       | P          |
| 9.7    | Additional transformers and power supplies                                | NA         |
| 9.8    | Abnormal supply to electric toys via a USB connection.                    | NA         |



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| <u>Clause</u> | <u>Requirement</u>                                                                                                                | <u>Assessment</u> |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 9.9           | Fault condition in electronic circuits                                                                                            | P                 |
| 9.10          | Compliance criteria                                                                                                               | P                 |
| 10            | Electric strength                                                                                                                 | P                 |
| 10.1          | Electric strength at operating temperature                                                                                        | P                 |
| 10.2          | Electric strength under humid conditions                                                                                          | P                 |
| 11            | Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid                                 | NA                |
| 12            | Mechanical strength                                                                                                               | P                 |
| 12.1          | Enclosures                                                                                                                        | P                 |
| 12.2          | Attachment strength                                                                                                               | P                 |
| 13            | Construction                                                                                                                      | P                 |
| 13.1          | Nominal supply voltage                                                                                                            | P                 |
| 13.2          | Transformers, power supplies and battery chargers                                                                                 | P                 |
| 13.3          | Thermal cut-outs.                                                                                                                 | NA                |
| 13.4          | Batteries                                                                                                                         | P                 |
| 13.5          | Plug and sockets                                                                                                                  | P                 |
| 13.6          | Charging batteries                                                                                                                | P                 |
| 13.7          | Series motors                                                                                                                     | NA                |
| 13.8          | Working voltage                                                                                                                   | NA                |
| 13.9          | Electric toys connecting to other equipment.                                                                                      | NA                |
| 13.10         | Speed limitation of ride-on electric toys                                                                                         | P                 |
| 14            | Protection of cords and wires                                                                                                     | P                 |
| 14.1          | Edges and moving parts                                                                                                            | P                 |
| 14.2          | Fixed parts                                                                                                                       | NA                |
| 15            | Components                                                                                                                        | See remark (1)    |
| 15.1.1        | General                                                                                                                           | --                |
| 15.1.2        | Switches and automatic controls                                                                                                   | NA                |
| 15.1.3        | Other components                                                                                                                  | See remark ( 1 )  |
| 15.2          | Prohibited components                                                                                                             | P                 |
| 15.3          | Transformers and power supplies                                                                                                   | NA                |
| 15.4          | Battery chargers                                                                                                                  | See remark ( 1 )  |
| 15.5          | Batteries                                                                                                                         | NA                |
| 16            | Screws and connections                                                                                                            | P                 |
| 16.1          | Fixings                                                                                                                           | P                 |
| 16.2          | Connections                                                                                                                       | P                 |
| 17            | Clearances and creepage distances                                                                                                 | P                 |
| 18            | Resistance to heat and fire                                                                                                       | P                 |
| 18.1          | Resistance to heat                                                                                                                | P                 |
| 18.2          | Resistance to fire                                                                                                                | P                 |
| 19            | Radiation and similar hazards                                                                                                     | See remark ( 2 )  |
| 19.1          | General                                                                                                                           | --                |
| 19.2          | Optical radiation<br>Toys incorporating lasers and or light emitting diodes (LED) or UV emitting lamps shall comply with Annex E. | See remark ( 2 )  |



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| <u>Clause</u> | <u>Requirement</u>                                                                                                                                                                                  | <u>Assessment</u> |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|               | Electric toys incorporating LEDs shall comply with 19.E.2.<br>Electric toys incorporating lasers shall comply with 19.E.3<br>Electric toys incorporating UV-emitting lamps shall comply with 19.E.4 |                   |
| 19.3          | Other electromagnetic radiation<br>Electric toys with an integrated field source that may produce harmful electromagnetic radiation Measurements methods are given in Annex I.                      | See remark ( 2 )  |
| Annex A       | Experimental sets                                                                                                                                                                                   | NA                |
| Annex B       | Needle-flame test                                                                                                                                                                                   | NA                |
| Annex C       | Automatic controls and switches                                                                                                                                                                     | NA                |
| Annex D       | Electric toys with protective electronic circuits                                                                                                                                                   | See remark ( 2 )  |
| Annex E       | Safety of electric toys incorporating optical radiation sources                                                                                                                                     | See remark ( 2 )  |
| Annex F       | Flowcharts showing the assessment of optical radiation safety of LEDs in electric toys                                                                                                              | --                |
| Annex G       | Examples of calculations on LEDs                                                                                                                                                                    | --                |
| Annex H       | Explanation of the principles used for the requirements of Annex E                                                                                                                                  | --                |
| Annex I       | Electric toys generationg electromagnetic fields (EMF)                                                                                                                                              | See remark ( 2 )  |
| Annex J       | Safety of remote controls for electric ride-on toys                                                                                                                                                 | See remark ( 2 )  |
| Annex K       | Flow charts showing the application of Clause 9                                                                                                                                                     | --                |

Abbreviation : P = Pass NA = Not Applicable

Remark:

( 1 ) Applicant needs to ensure that components used in toys shall comply with the safety requirements specified in the relevant standards.

Battery charger for toys shall comply with IEC 60335-2-29:2016 and Annex AA of that standard.

( 2 ) As requested by the applicant, the Annex D, Annex E, Annex I , Annex J were not assessed.

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Photo



**End of Report**

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