

TEST REPORT

Client: Chrome Cherry Design Studio
Unit 12
Fish Eagle Park
Olive Grove Industrial Estate
Somerset West
SOUTH AFRICA

FAO: Jean van der Merwe



Sample: **YBIKE**

Laboratory No:	S0804884/SJG	Packaging:	Bag
Reference No:	----	Made in:	Not stated
Order No:	----	CE mark:	Not present
Age range:	Not stated	Date received:	17/06/2008

Description: An orange and black plastic Y-shaped ride on bike.

Tests conducted:

1. EN 71 Part 1 : 2005 +A4 2007 : Mechanical and physical properties
2. EN 71 Part 2 : 2006 +A1 2007 : Flammability
3. EN 71 Part 3 : 1994 : Migration of certain elements, as amended

Conclusion: The sample **complied** with the requirements of the above-mentioned standards.



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Senior Toy Analyst

2nd July 2008

All results relate only to the sample(s) received for testing. This test report shall not be reproduced except in full without the prior written permission of the testing laboratory.

Sample: YBIKE
Laboratory No: S0804884/SJG

EUROPEAN TOY SAFETY STANDARD

Section numbers below correspond to clauses of the above mentioned standard. Clauses not mentioned are not applicable to the sample.

The date of testing should be taken as between the date of the initial receipt of the sample and the date of the issue of the report unless otherwise specified.

Opinions and interpretations are outside the scope of UKAS accreditation.

1. EN 71 PART 1 : 2005 +A4 2007 : MECHANICAL AND PHYSICAL PROPERTIES

EN 71 Part 1, as amended, specifies requirements and methods of test for mechanical and physical properties of toys. It also specifies some requirements for packaging, marking and instructions for use. The sample has been tested with the following results.

4.1 Materials **Pass**
The toy and materials used in the toy were found to be visually clean and free from infestation.

4.7 Edges **Pass**
The rigid polymeric edges of the toy were free from burrs.

4.9 Protruding parts **Pass**
The toy contained a protruding part that was not considered to present a significant risk of puncturing the body.

[Protruding part: handles]

4.10.1 Folding and sliding mechanisms **Pass**
The toy had a folding or sliding mechanism intended or capable of bearing the mass of a child and capable of injuring fingers. The space between the moving elements was either less than 5mm or more than 12mm.

4.15 Toys intended to bear the mass of a child

Deviation: Due to safety reasons the 50kg loading mass for this test was made up using 5 calibrated 10kg sacks.

4.15.1.2 Warnings and instructions for use **Pass**
The toy was accompanied by instructions for use, assembly and maintenance.

The potential dangers of using the toy and precautions to be taken are drawn to the attention of the user.

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4.15.1.3 Strength Pass

When tested in accordance with 8.21 (static strength) and 8.22 (dynamic strength) the toy did not collapse, produce sharp points or sharp edges and continued to conform with the relevant requirements of this European Standard.

4.15.1.4 Stability N/A

The toy had wheels with a spacing of 150mm or less between the centres of the outermost wheels and therefore are considered to be a single wheel.

4.15.1.6 Transmission and wheel arrangement Pass

The spaces between the wheels and the body or parts of the body were either less than 5mm or greater than 12mm.

Toys intended for children under 36 months

5.1 Toys and removable components Pass

The toy and removable components of the toy did not, whatever their position, fit entirely within the cylinder specified in (8.2).

5.1 Use and abuse Pass

When tested in accordance with 8.3 (torque test), 8.4.2.1 (tension test, general), 8.5 (drop test) 8.7 (impact test) the toy did not produce any parts that fitted entirely within the small parts cylinder (8.2). In addition, no accessible sharp points or sharp edges were produced.

5.8 Shape and size of certain toys N/A

The toy was considered to be manifestly unsuitable for children too young to sit up unaided.

6.0 Packaging Pass

The plastic bag had an opening perimeter of more than 380mm and when tested in accordance with 8.25.1 (plastic sheeting thickness) the thickness was greater than 0.038mm.

[Perimeter: 600mm]

[Thickness: 0.0917mm]



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7 Warnings and instructions for use

7.1 General

Note: Toys must bear the name and address details of the European manufacturer, importer or authorised representative. This must be visible on the toy or its packaging together with the CE marking. Where these details are only on the packaging the consumer must be advised to retain these details for future reference.

The above information was not present on the toy or its packaging.

2. EN 71 PART 2 : 2006 +A1 2007 FLAMMABILITY

EN 71 Part 2 specifies the categories of flammable materials which are prohibited in all toys and requirements concerning flammability of certain toys when they are submitted to a source of ignition. The sample has been tested with the following results.

4.1 General Pass

The toy did not contain highly flammable solids, celluloid or materials with similar behaviour in fire.

3. EN 71 PART 3 : 1994 MIGRATION OF CERTAIN ELEMENTS, AS AMENDED

EN 71 Part 3, as amended, specifies requirements and test methods for the migration of the elements antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium. The sample has been tested with the following results. See appendix 1 for results.

8.2 Non-textile polymeric and similar materials..... Pass

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APPENDIX 1

EN 71 PART 3 : 1994

Date of test: 26/06/2008

Method of Analysis: ICP.

Section: 8.2 Non-textile polymeric and similar materials.

Element	Limit mg/kg	A	B	C
Antimony	60	<10	<10	<10
Arsenic	25	<10	<10	<10
Barium	1000	<70	<70	<70
Cadmium	75	<10	<10	<10
Chromium	60	<10	<10	<10
Lead	90	<20	<20	<20
Mercury	60	<10	<10	<10
Selenium	500	<10	<10	<10

Mass tested in grams (if < 100 mg)

All results are expressed as mg/kg soluble element.

Key:

A = Black (wheels)
B = Black (steering column)
C = Orange
