



12A

## STC Test Report

Date : 2007-05-21

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No. : [REDACTED]

Applicant (HUH001) : [REDACTED]

Description of Samples : Three pieces of submitted sample said to be:  
[REDACTED] (see attached photo) **MINI**

Date Samples Received : 2007-05-14


Date Tested : 2007-05-14 to 2007-05-17

Investigation Requested : Australia/New Zealand Standard Safety of toys  
- AS/NZS ISO 8124-1:2002: safety aspects related to mechanical and physical properties  
- AS/NZS ISO 8124-2:2003: flammability  
- AS/NZS ISO 8124-3:2003: toxic elements content

Conclusions : AS/NZS ISO 8124-1:2002: safety aspects related to mechanical and physical properties  
The submitted sample complied with the test requirement.

AS/NZS ISO 8124-2: 2003: flammability  
The submitted sample complied with the test requirement.

AS/NZS ISO 8124-3:2003: toxic elements content  
The submitted sample complied with the test requirement.

  
WONG Wing-cheung, Benny, JCD

For and on behalf of  
The Hong Kong Standards and Testing Centre Ltd



### The Hong Kong Standards and Testing Centre Ltd.

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### AGE GRADING:

The sample did not contain an age grade; however, the applicant requested it be tested according to the age grade of 37 months and up.

### AGE GRADING FOR TESTING:

37 months and up.

### Test Results :

#### 1. AS/NZS ISO 8124-1:2002 - Part 1: Physical and Mechanical Tests

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4	<u>Requirements</u>	
4.1	Normal use	Pass
4.2	Reasonably foreseeable abuse	Pass* <sup>1</sup>
4.3	<u>Material</u>	
4.3.1	Material quality	Pass
4.6	<u>Edges</u>	
4.6.4	Edges on moulded toys	Pass
4.7	<u>Points</u>	
4.7.1	Accessible sharp points	Pass
Annex C.2	<u>Safety-labelling guidelines</u>	
Annex C.2.2	Age grading	* <sup>2</sup>
Annex C.4	Manufacturer's marking	Pass

\*<sup>1</sup> = Reasonably foreseeable abuse test:

<u>Applicable clause</u>	<u>Description</u>	<u>Test Condition</u>
5.24.2	Drop test	93 ± 5 cm 4 times
5.24.5	Torque test	0.45 N.m ± 0.02 N.m or 180°
5.24.6.1	Tension test	70 ± 2 N
5.24.6.2	Integrity test for stuffed toys	70 ± 2 N
5.24.7	Compression test	36 ± 2 N

#### 2. AS/NZS ISO 8124-2:2003 - Part 2: Flammability

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General	Pass

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3. AS/NZS ISO 8124-3:2003 - Part 3: Migration of certain elements  
Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Polymeric material

(a) Book cover: transparent plastic laminated white paper with blue/yellow/red/multicolor printing at the base

Paper and board

(b) Inner part of cover: white paper  
(c) Wall charts: white paper card with red/yellow/blue/multicolor coating

Textile material

(d) Velcro: white velcro

Coating material

(e) Binder: white

	a	b	c	Limit
Soluble lead.....	<2mg/kg	<2mg/kg	<2mg/kg	90mg/kg
Soluble cadmium.....	<2mg/kg	<2mg/kg	<2mg/kg	75mg/kg
Soluble chromium.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble barium.....	<2mg/kg	3mg/kg	<2mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble arsenic.....	<2mg/kg	<2mg/kg	<2mg/kg	25mg/kg
Soluble mercury.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble selenium.....	<2mg/kg	<2mg/kg	<2mg/kg	500mg/kg

	d	e	Limit
Soluble lead.....	<2mg/kg	<2mg/kg	90mg/kg
Soluble cadmium.....	<2mg/kg	<2mg/kg	75mg/kg
Soluble chromium.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble barium.....	<2mg/kg	3mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble arsenic.....	<2mg/kg	<2mg/kg	25mg/kg
Soluble mercury.....	<2mg/kg	<2mg/kg	60mg/kg
Soluble selenium.....	<2mg/kg	<2mg/kg	500mg/kg

\*\*\*\*\* End of Test Report \*\*\*\*\*

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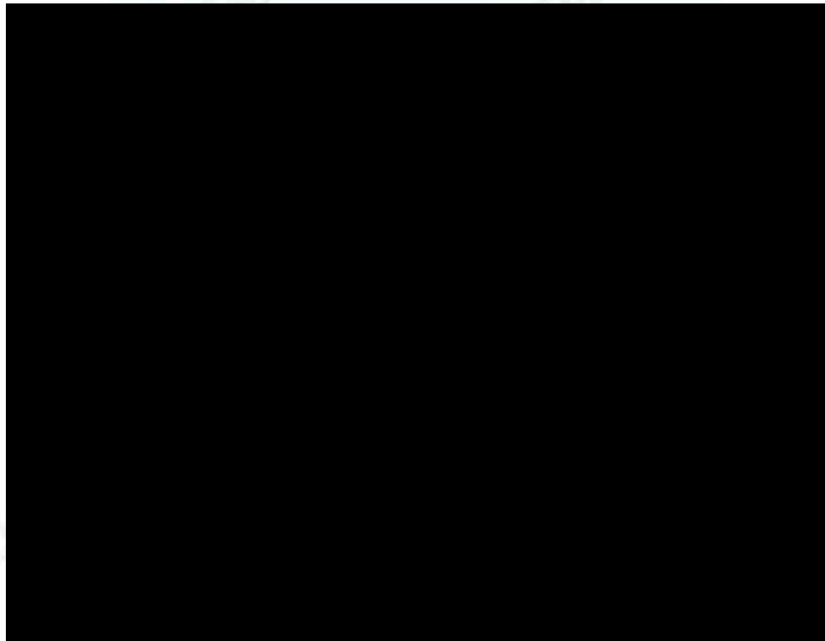
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### Appendix for Photos of the Submitted Sample



**The Hong Kong Standards and Testing Centre Ltd.**

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