

## Test Report

No.: SZTYR100203543/TS

Date: FEB 22, 2010

Page 1 of 5

HAPPY ARTS & CRAFTS (NINGBO) CO., LTD  
HAPE INTERNATIONAL (NINGBO) LTD  
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,  
BEILUN, NINGBO, CHINA P.C. 315800

The following samples were submitted and identified by/on behalf of the client as:

Name of Product/Item : KINDERGRILL / MY BACKYARD BBQ SET  
Details of Sample Received : ASSEMBLY WOODEN BARBECUE WITH FREE WHEELS,  
OPENABLE LID, REMOVABLE OR FOLDABLE BOARDS, 4  
SWITCHES WITH SOUND FUNCTION, COMES WITH AN  
INSTRUCTION SHEET & 1 TOOL. PRINTED BOX PACKED.

Sample Quantity : 1 PC  
Style / Item No. : 861385/861285  
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : 3 +  
Requested Age Grading : 3Y +  
Age Group Applied in Testing : OVER 3 YEARS  
Sample Receiving Date : FEB 08, 2010  
Further Information Date : FEB 20, 2010  
Testing Period : FEB 08, 2010 TO FEB 22, 2010

### Test Requested

For compliance with the Australian/New Zealand Standard Safety of toys :-

- AS/NZS ISO 8124.1:2002 +Amdt.1:2007 +Amdt.2:2009 – Safety aspects related to Mechanical and Physical Properties
- AS/NZS ISO 8124.2:2009 – Flammability
- AS/NZS ISO 8124.3:2003 – Migration of Certain Elements

### Result

Pass  
(Except Annex C.4)  
Pass  
Pass

Signed for and on behalf of  
SGS-CSTC Ltd.

Zhou Xinkuan, SK  
Dept. Manager

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# Test Report

No.: SZTYR100203543/TS

Date: FEB 22, 2010

Page 2 of 5

Results :

## - Safety aspects related to Mechanical and Physical Properties

As specified in AS/NZS ISO 8124.1:2002, Australian/New Zealand Standard on Safety of toys Part 1: Safety aspects related to mechanical and physical properties (including Amdt.1:2007 and Amdt.2:2009).

Clause Relevant to Sample.

Clause	Description	Result
<b>4</b>	<b>Requirements</b>	
4.1	Normal use.....	<u>Pass</u>
4.2	Reasonably foreseeable abuse.....	<u>Pass</u>
4.3	Material	
4.3.1	Material quality (Visual Examination).....	<u>Pass</u>
4.4	Small parts	
4.4.2	For children from 37 months up to and including 72 months.....	<u>Pass</u>
4.6	Edges	
4.6.1	Accessible sharp edges of glass or metal.....	<u>Pass</u>
4.6.4	Edges on moulded toys.....	<u>Pass</u>
4.6.5	Edges on exposed bolts or threaded rods.....	<u>Pass</u>
4.7	Points	
4.7.1	Accessible sharp points.....	<u>Pass</u>
4.7.3	Wooden toys.....	<u>Pass</u>
4.8	Projections.....	<u>Pass</u>
4.10	Plastic film or plastic bags in packaging and in toys.....	<u>Pass</u>
4.12	Folding mechanism	
4.12.3	Hinge-line clearance.....	<u>Pass</u>
4.13	Holes, clearances and accessibility of mechanisms	
4.13.1	Circular holes in rigid materials.....	<u>Pass</u>
4.15	Stability and overload requirements	
4.15.3	Stability of stationary floor toys.....	<u>Pass</u>
<b>5</b>	<b>Test methods</b>	
5.24	Reasonably foreseeable abuse tests	
5.24.3	Tip-over test for large and bulky toys.....	<u>Pass</u>
5.24.5	Torque test.....	<u>Pass</u>
5.24.6	Tension test.....	<u>Pass</u>
5.24.7	Compression test.....	<u>Pass</u>

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**SZTY 2355010**



# Test Report

No.: SZTYR100203543/TS

Date: FEB 22, 2010

Page 3 of 5

<u>Clause</u>	<u>Description</u>	<u>Result</u>
<b>Annex C</b>		
<b>C.2</b>	Safety-labeling guidelines	
C.2.1	Label definition and location .....	<u>Pass</u>
C.2.2	Age grading.....	<u>Pass</u>
C.2.3	Small toys and toys containing small parts.....	<u>Pass</u>
C.2.9	Toys intended to be assembled by an adult.....	<u>Pass</u>
<b>C.3</b>		
Instructional literature		
C.3.1	Information and Instructions .....	<u>Pass</u>
C.3.6	Toys intended to be assembled by an adult.....	<u>Pass</u>
<b>C.4</b>		
Manufacturer's Markings .....		
(Remark : It is drawn to your attention that a principal component of the toy, the packaging, a label or a leaflet accompanying the toy should be marked with the name and address of the manufacturer or the distributor, or with a trademark and / or mark which clearly identifies the manufacturer / distributor.)		
<b>Annex F</b>		
Acoustic.....		
		<u>Pass</u>

## - Flammability

As specified in AS/NZS ISO 8124.2:2009 Australian/New Zealand Standard on Safety of toys Part 2: Flammability

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General Requirements .....	<u>Pass</u>

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**SZTY 2355011**

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# Test Report

No.: SZTYR100203543/TS

Date: FEB 22, 2010

Page 4 of 5

## - Migration of Certain Elements

As specified in AS/NZS ISO 8124.3:2003 Australian/New Zealand Standard on Safety of toys Part 3: Migration of certain elements.

Element	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	Mass of trace amount (mg)
Soluble Limit (mg/kg)	90	60	25	1000	75	60	60	500	
Specimen Description	Adjusted Soluble Result (mg/kg)								
1. Red coating on plywood (Handle, knob)	<5	<5	<5	<10	<5	<5	<5	<10	/
2. Dk. red coating on plywood (Board)	<5	<5	<5	<10	<5	<5	<5	<10	38.5
3. Silver coating on plywood & hardboard (Board)	<5	<5	<5	<10	<5	<5	<5	<10	/
4. Black coating on plywood & hardboard (Board)	<5	<5	<5	<10	<5	<5	<5	<10	/
5. Transparent lacquer coating on plywood & wood (Board)	<5	<5	<5	<10	<5	<5	<5	<10	/
6. Lt. brown coating on wood (Board)	<5	<5	<5	<10	<5	<5	<5	<10	/
7. Brown coating on wood (Board)	<5	<5	<5	10	<5	<5	<5	<10	/
8. Red w/ orange coating on wood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	58.0
9. Gray w/ white, matt-black, Lt. red coating on wood (Pointer)	<5	<5	<5	<10	<5	<5	<5	<10	/
10. Off-white plastics (Fastener)	<5	<5	<5	<10	<5	<5	<5	<10	/
11. Cream plywood	<5	<5	<5	<10	<5	<5	<5	<10	/
12. Brown hardboard	<5	<5	<5	<10	<5	<5	<5	<10	/
13. Cream wood	<5	<5	<5	<10	<5	<5	<5	<10	/
14. Transparent plastics (Fastener)	<5	<5	<5	<10	<5	<5	<5	<10	/
15. Red cord	<5	<5	<5	<10	<5	<5	<5	<10	/

- < = Less than

- Results shown are of the adjusted analytical results.

- Results of specimen No.1-No.15 are copied from report No. SZTYR100203542/TS.

- As received, the test portion of transparent lacquer coating on metal (Handle), coffee (Lettering), Dk. gray (Button) coating on wood are less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the Australian/New Zealand Standard on Safety of toys part 3 : 2003, Clause 7 – selection of test portions.

N.B. : - Only applicable clauses were shown.

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**SZTY 2355012**

## Test Report

No.: SZTYR100203543/TS

Date: FEB 22, 2010

Page 5 of 5

### Sample Photo:



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