

## Test Report

No.: SZTYR100203541/TS

Date: FEB 26, 2010

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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 : 2 PCS  
Style / Item No. : 861385/861285  
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : 3 YEARS +  
Requested Age Grading : 3Y+  
Age Group Applied in Testing : OVER 3 YEARS  
Sample Receiving Date : FEB 08, 2010  
Resubmitted Packaging Date : FEB 21, 2010  
Further Information Date : FEB 25, 2010  
Testing Period : FEB 08, 2010 TO FEB 26, 2010

TEST REQUESTED : For compliance with the test requirement of ASTM F963-08 Standard Consumer Safety Specification on Toy Safety.

RESULTS : Details please refer to next page.

CONCLUSION : The submitted samples comply with the requested test requirements.

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Zhang Wei, Merry  
Section Manager

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ASTM F963 - 08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY.

Clause	Description	Result
4.	<u>Safety Requirements</u>	
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass (See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material	Pass (See Note 2)
4.5	Sound-producing Toys	Pass
4.7	Accessible Edges	Pass
4.8	Projections	Pass
4.9	Accessible Points	Pass
4.11	Nails & Fasteners	Pass
4.12	Packaging Film	Pass
4.13	Folding Mechanisms & Hinges	Pass
4.15	Stability & Over-Load Requirements	Pass
4.17	Wheels, Tires & Axles	Pass
4.18	Holes, Clearance & Accessibility of Mechanisms	Pass
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling	Pass
5.3	Safety Labeling Requirements	Pass
5.8	Toys Intended to be Assembled by an Adult	Pass
6.	<u>Instructional Literature</u>	
6.1	Definition and Description	Pass
6.4	Toys Intended to be Assembled by an Adult	Pass
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings	Pass
8.	<u>Test Method</u>	
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	Pass

### \*\*Visual Examination

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**Note 1 :**

Flammability Test (Clause 4.2)

Flammability Test on Solid

**Sample**

KINDERGRILL / MY BACKYARD BBQ SET

**Burning Rate (inch/sec)**

DNI

**Limit (inch/sec)**

0.1

- DNI = Did Not Ignite

**Note 2 :**

Paint & Similar Surface-coating Material (Clause 4.3.5)

ASTM F963-08 - Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

TOTAL LEAD CONTENT - CPSC TEST METHOD: CPSC-CH-E1003-09.

Specimen Description	Total Pb Result (mg/kg)	Limit# (mg/kg)
1. Red coating on plywood (Handle, knob)	< 10	90
2. Dk. red coating on plywood (Board)	< 10	90
3. Silver coating on plywood & hardboard (Board)	< 10	90
4. Black coating on plywood & hardboard (Board)	< 10	90
5. Transparent lacquer coating on plywood & wood (Board)	< 10	90
6. Lt. brown coating on wood (Board)	< 10	90
7. Brown coating on wood (Board)	< 10	90
8. Red w/ orange coating on wood (Pattern)	< 10	90
9. Gray w/ white, matt-black, Lt. red (Pointer), coffee (Lettering), Dk. gray (Button) coating on wood	< 10	90
10. Transparent lacquer coating on metal (Handle)	< 10	90

# The total Pb requirement shall comply with the lead content provisions of 16 CFR 1303, issued under the Consumer Product Safety Act (CPSA), while according to CPSA requirement the 90mg/kg limit requirement effective 14 August, 2009.

- < = Less than
- Results of specimen No.1-No.10 are copied from report No. SZTYR100209299/LP.

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**ASTM F963-08 - Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)**

SOLUBLE HEAVY METALS CONTENTS - SAMPLES WERE EXTRACTED BY DILUTE HYDROCHLORIC ACID IN ACCORDANCE WITH ASTM F963-08 (CLAUSE 8.3). ANALYSIS WAS PERFORMED BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETER.

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Element	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	Mass of trace amount (mg)
<b>Soluble Limit (mg/kg)</b>	90	60	25	1000	75	60	60	500	
<b>Specimen Description</b>	<b>Adjusted Soluble Result (mg/kg)</b>								
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	/

- < = Less than
- 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 soluble elements, as specified in ASTM F963-08 Clause 8.3.3.1 (2).
- Results of soluble elements shown are of the adjusted analytical results.
- Results of specimen No.1-No.9 are copied from report No. SZTYR100203542/TS.

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

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### Sample Photo:



SGS authenticate the photo on original report only

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

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