



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 1 of 10

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

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

JUNGLE PRESS AND SLIDE

Item No. : E0508, E0508A

Country of Destination : GLOBEL
Labeled Age Grading : 18M+
Requested Age Grading : 18M+

Age Group Assessed by SGS As Per Age : OVER 18 MONTHS

Guideline

Age Group Applied in Testing : OVER 18 MONTHS

Sample Receiving Date : NOV 22, 2018

Testing Period : NOV 22, 2018 TO JAN 08, 2019



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="https://www.sgs.com/en/Terms-and-Conditions/Terms-and-Con



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 2 of 10

Test Re	est Requested				
1.	Consumer Safety Specification on Toy Safety.				
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS			
	Client's Requirement – Total Lead content	PASS*			
2.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	SEE RESULT PAGE*			
3.	CPSIA section 101 - Total Lead content				
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS			
	Client's Requirement – Lead in paint/similar surface coating material	PASS*			
	CPSIA section 101(a) (2) — Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS			
	Client's Requirement – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS*			

Remark: * Test item(s) with "*" is(are) not in the scope of CNAS accreditation

******* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *******

Signed for and on behalf of SGS-CSTC Standards Technical

Services Co., Ltd. Shenzhen Branch Testing Center

Liu Junjie, Tony Section Manager **CNAS Approved Signatories** Ouyang Qin, Cansy Operation manager

CNAS Approved Signatories





Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 3 of 10

Results:

ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass</u>
		(See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass</u>
		(See Result Page)
	4.3.5.2 Heavy Metal in Substrate Materials	<u>Pass</u>
		(See Result Page)
4.6.1	Small Objects	<u>Pass</u>
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.34	Balls	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.16	Promotional Materials	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>
8.10	Compression Test	<u>Pass</u>

^{**} Visual Examination



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx.and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="https://www.sgs.com/en/Terms-and-Conditions/Terms-and

| SSSBidg, No.4, Jarginao Industrial Park, No.430, Jihan Read, Barillan, Longgang District, Shenzhen, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn 中国·深圳·龙岗区坂田吉华路430号江瀬工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328888 f (86-755) 83106190 e sgs.china@sgs.com



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 4 of 10

Result Page:

Flammability Test (Clause 4.2) Flammability Test on Solid

Sample
JUNGLE PRESS AND SLIDE

Burning Rate (inch/sec)
DNI

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

DNI = Did Not Ignite

ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1

Method: With reference to ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)						
MDL (ppm)						
Total Limit (ppm)						
Client's Limit (ppm)						
Specimen Description Alias No. Tracing No.						
Dark red coating on metal (Small bell) + Transparent lacquer w/ multi-color coating on plywood (Pattern) + Transparent lacquer w/ yellow coating on wood (Ball)	3	1	ND			



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.zapx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-bocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention:17.0 check the autheriticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307

SSSBbb, No. A, Bargrao Industrial Park, No. 400, Jinua Posal, Santian, Longgaring District, Shencher, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn 中国・深圳・龙岗区坂田吉华路430号江瀬工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328888 f (86-755) 83106190 e sgs.c.hina@sgs.com



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 5 of 10

Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ва	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	1	2	/	ND	ND	ND	231	ND	ND	ND	ND
2	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	5	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

- 1. Dark red coating on metal (Small bell)
- 2. Transparent lacquer w/ multi-color coating on plywood (Pattern)
- 3. Transparent lacquer w/ yellow coating on wood (Ball)

Note: - ppm = parts per million

 $-1\% = 10000 \text{ mg/kg} = 10000 \text{ ppm} = 10000 \text{ } \mu\text{g/g}$

- MDL = Method Detection Limit

- ND = Not Detected (lower than MDL)

- Migration results of eight elements shown are of the adjusted analytical results

- The result(s) is (are) calculated using the minimum specimen weight for composite test.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printer overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx.and, for electronic format documents subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content o appearance of this document is unlawful and offenders may be prosecuted to the fulles extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SSSBbb, No. 4, Jangkao Industrial Park, No. 430, Jihua Ricad, Bardian, Longgang District, Shenzhen, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn 中国・深圳・龙岗区坂田吉华路430号江瀬工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328888 f (86-755) 83106190 e sgs.china@sgs.com



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 6 of 10

ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 Method (metal materials): With reference to CPSC-CH-E1001-08.3

Method: With reference to ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)						
MDL (ppm)						
Total Limit (ppm)						
Client's Limit (ppm)						
Specimen Description Alias No. Tracing No.						
Red plastic (Slide) + Translucent white plastic (Screw)	2	1	ND			
2. Cream plywood (Body)	2	2	ND			
3. Silvery metal small bell	1	ND				
4. Silvery metal rivet 4 2						
5. Silvery metal round head screw	3	ND				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.zapx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-bocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention:17.0 check the autheriticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 7 of 10

Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ва	Cd	Cr	Hg	Se
MDL (ppm)					5	2.5	10	5	5	5	10
Migration Limit (ppm) Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Midration Result(s) (nnm)							
1	1	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	6	74.5	ND	ND	ND	ND	ND	ND	ND	ND
4	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

- 1. Dull red woven cord (Connector)
- 2. Red plastic (Slide)
- White woven cord (Elastic cord)
- 4. Translucent white plastic (Screw)
- 5. Cream plywood (Body)

Note: - ppm = parts per million

- -1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- Migration results of eight elements shown are of the adjusted analytical results
- The result(s) is (are) calculated using the minimum specimen weight for composite test
- Soluble Heavy Metal Content: result(s) of specimen No.5 is(are) extracted from report No. T51710291751TY.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.zapx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-bocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention:17.0 check the autheriticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 8 of 10

As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

1) Name: HAPE INTERNATIONAL AG

2) Location: MADE IN CHINA P1872412323 NBCN 09/2018

3) Date: P1872412323 NBCN 09/2018 4) Cohort information: P1872412323 NBCN 09/2018

- Tracking label found on the product:

1) Name: HAPE INTERNATIONAL AG
2) Location: P1872412323 NBCN 09/2018
3) Date: P1872412323 NBCN 09/2018
4) Cohort information: P1872412323 NBCN 09/2018

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)		
Permissible Limit (ppm)	90		
Client's Limit (ppm)	40		
Specimen Description	Result(s) (ppm)		
Dark red coating on metal (Small bell) + Transparent lacquer w/multi-color coating on plywood (Pattern) + Transparent lacquer w/yellow coating on wood (Ball)	1	3	ND

Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)

MDL = Method Detection Limit = 10 ppm

-1% = 10000 mg/kg = 10000 ppm

- The result(s) is (are) calculated using the minimum specimen weight for composite test.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.zapx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-bocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention:17.0 check the autheriticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307

SSSBbb, No. A, Bargrao Industrial Park, No. 400, Jinua Posal, Santian, Longgaring District, Shencher, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn 中国・深圳・龙岗区坂田吉华路430号江瀬工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328888 f (86-755) 83106190 e sgs.c.hina@sgs.com



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 9 of 10

CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)	Lead (Pb)		
Permissible Limit **(ppm)	100		
Client's Limit (ppm)	40		
Specimen Description	Result(s) (ppm)		
Red plastic (Slide) + Translucent white plastic (Screw)	1	1	ND
2. Cream plywood (Body)	1	2	ND
3. Silvery metal small bell	1	4	ND
4. Silvery metal rivet	1	5	ND
5. Silvery metal round head screw	1	6	ND

^{**} Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit = 10 ppm

-1% = 10000 mg/kg = 10000 ppm

The result(s) is (are) calculated using the minimum specimen weight for composite test.

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.apxx, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Conditio

SSSBbb, No. A, Bargrao Industrial Park, No. 400, Jinua Posal, Santian, Longgaring District, Shencher, China 518129 t (86-755) 25328888 f (86-755) 83106190 www.sgsgroup.com.cn 中国・深圳・龙岗区坂田吉华路430号江瀬工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328888 f (86-755) 83106190 e sgs.c.hina@sgs.com



Test Report No.: T51810291811TY Date: JAN 08, 2019 Page 10 of 10

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

