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TEST REPORT

Number: BKKH16014212S1

Applicant: PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG, THAILAND 92140
ATTN: K.NARONG, K.SUPAPORN

Date: Dec 23, 2016
**This report supersedes
The previous report
Date Dec 19, 2016**

Sample description:

Quantity of sample:	One (1) set
Sample description:	Wooden toy
Date sample received:	September 29, 2016
Date sample resubmitted:	December 02, 2016
Date information received:	December 21, 2016

Client Information:

One (1) set of submitted sample said to be TABLE & CHAIR/CHAIR/TABLE

Item Name: TABLE & CHAIR/CHAIR/TABLE
Item Number: 8700/8701/8702



BKKH16014212S1

Test conducted:

As requested by the applicant, for details please refer to attached page(s)

To be continued

Authorized by :
For Intertek Testing Services (Thailand) Ltd.,
Hardlines Laboratory

Ladtaka W.

Ladtaka Wongwiboonporn
Laboratory Manager
Hardlines Department

Intertek Testing Services (Thailand) Ltd.

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TEST REPORT

Conclusion:

Tested samples

Submitted sample

Standard - U.S. ASTM F963-11

U.S. ASTM F963-11 for Physical and mechanical tests

Result

Pass

U.S. ASTM F963-11 for flammability test of materials
other than textile materials

Pass

Heavy Elements Test

Pass

Standard - U.S. CFR title 16

(CPSC regulations)

Part 1303 total Lead content

Pass

Standard

U.S. Consumer product safety improvement
Act 2008(H.R. 4040) Title I, Section 101
For total lead content in surface coating

Pass

U.S. Consumer product safety improvement
Act 2008(H.R. 4040) Title I, Section 101
For total lead content in non-surface coating material (substrate)

Pass

U.S. Consumer product safety improvement
Act 2008(H.R. 4040) Title I, Section 108
Requirement on phthalates

Pass

Phthalate Content Requirement base
on the California Proposition 65

Pass

Illinois Lead Poisoning Prevention
Act 410 ILCS 45 section 6 (public act 095-1019)

Pass

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

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TEST REPORT

Remark:

The chemical test results was not conducted on the below components of samples.
Applicant claimed the components were tested on our previous test report.

<u>Components</u>	<u>Report No.</u>	<u>Date</u>
<u>ASTM</u>		
LACQUER COATING ON WOOD	BKKH16008147	Jun 09,2016
Brown Coating On Wood	BKKH16006844	May 17,2016
SOLID WOOD	BKKH15013909	Nov 05,2015
Plywood	BKKH16007214	May 23,2016
MDF Wood	BKKH16007214	May 23,2016
GREEN SAWDUST	BKKH16016103	Nov 15,2016
CREAM RUBBER	BKKH16017556	Dec 20,2016
<u>Lead in surface coating</u>		
LACQUER COATING ON WOOD	BKKH16008147	Jun 09,2016
Brown Coating On Wood	BKKH16006844	May 17,2016
<u>Lead in substrate</u>		
5220245/5330070/5330074 METAL PART	BKKH15013911	Nov 05,2015
5330011 SCREW PAN HEAD	BKKH15013911	Nov 05,2015
5330070 METAL PART	BKKH16000135	Jan 11,2016
SOLID WOOD	BKKH15013909	Nov 05,2015
Plywood	BKKH16007214	May 23,2016
MDF Wood	BKKH15005961	May 15,2015
GREEN SAWDUST	BKKH16016103	Nov 15,2016
CREAM RUBBER	BKKH16017556	Dec 20,2016
<u>Phthalate content</u>		
Plywood	BKKH16007214	May 23,2016
MDF Wood	BKKH16007214	May 23,2016
GREEN SAWDUST	BKKH16016103	Nov 15,2016
CREAM RUBBER	BKKH16017556	Dec 20,2016
LACQUER COATING ON WOOD	BKKH16008147	Jun 09,2016
Brown Coating On Wood	BKKH16006844	May 17,2016

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Number: BKKH16014212S1

TEST REPORT

Test conducted:

1 Physical And Mechanical Tests

Test standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Age group for testing : For age 3 - 6 years.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.52(b)	4 x 3.0 ft
Tip over test		3 times
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2 [▲]	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	P
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA

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Test conducted:

Section	Testing items	Assessment
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37 [▲]	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer (toy and package) - address (package)	Yes Yes

Remark : P = Pass NA = Not applicable

[▲] = Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Testing period : September 29, 2016 to December 07, 2016

2 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11

Results : Did not ignite

Testing period : September 29, 2016 to October 03, 2016

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

3 Heavy Elements Analysis

As per Section 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	<u>Result</u> <u>mg/kg</u>		<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
	(1)	(2)			
Sol. Barium (Ba)	ND	239	0.7	4	1000
Sol. Lead (Pb)	ND	ND	0.7	4	90
Sol. Cadmium (Cd)	ND	ND	0.7	4	75
Sol. Antimony (Sb)	ND	ND	0.8	2	60
Sol. Selenium (Se)	ND	ND	0.4	2	500
Sol. Chromium (Cr)	ND	ND	0.7	4	60
Sol. Mercury (Hg)	ND	ND	1	3	60
Sol. Arsenic (As)	ND	ND	0.8	2	25

Remark: Sol. = Soluble
< = Less than
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(1) = LACQUER COATING ON WOOD
(2) = Brown Coating On Wood

Refer BKKH16008147
Refer BKKH16006844

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Heavy Elements Analysis

As per Section 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	(3)	(4)	Result mg/kg (5)	(6)	(7)	LOD mg/kg	LOQ mg/kg	Limit mg/kg
Sol. Barium (Ba)	ND	ND	ND	<4	ND	0.7	4	1000
Sol. Lead (Pb)	ND	ND	ND	<4	ND	0.7	4	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	0.7	4	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	0.8	2	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	0.4	2	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	0.7	4	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	3	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	0.8	2	25

Remark: Sol. = Soluble
< = Less than
mg/kg = Milligram per kilogram = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(3) =	SOLID WOOD	Refer	BKKH15013909
(4) =	Plywood	Refer	BKKH16007214
(5) =	MDF Wood	Refer	BKKH16007214
(6) =	GREEN SAWDUST	Refer	BKKH16016103
(7) =	CREAM RUBBER	Refer	BKKH16017556

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Total Lead (Pb) Content

As per Sections 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1003-09.1:2011 was used and total Lead content was determined by ICP-OES analysis.

(I) Surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(1)	ND	2	13	90
(2)	ND	2	13	90

Remark: < = Less than
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

- (1) = LACQUER COATING ON WOOD
(2) = Brown Coating On Wood

Refer BKKH16008147
Refer BKKH16006844

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Total Lead (Pb) Content

As per Sections 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1001-08.3:2012, CPSC-CH-E1002-08.3:2012 were used and total Lead content was determined by ICP-OES analysis.

(II) Non-surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(3)	ND	1	13	100
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	<13	1	13	100
(7)	ND	1	13	100

Remark: < = Less than
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(3) =	SOLID WOOD	Refer	BKKH15013909
(4) =	Plywood	Refer	BKKH16007214
(5) =	MDF Wood	Refer	BKKH15005961
(6) =	GREEN SAWDUST	Refer	BKKH16016103
(7) =	CREAM RUBBER	Refer	BKKH16017556

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Number: BKKH16014212S1

TEST REPORT

Test conducted:

4 Total Lead (Pb) content

As per U.S. Code of Federal Regulations title 16 Part 1303. Acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
(1)	ND	0.0002	0.0013	0.009
(2)	ND	0.0002	0.0013	0.009

Remark: % = percentage
 < = Less than
 LOD = Limit of Detection
 LOQ = Limit of Quantitation
 ND = Not detected (Less than LOD)

Tested components:

(1) = LACQUER COATING ON WOOD
(2) = Brown Coating On Wood

Refer BKKH16008147
Refer BKKH16006844

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Number: BKKH16014212S1

TEST REPORT

Test conducted:

5 Total lead (Pb) content in surface coating

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1003-09.1:2011 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90

Remark: < = Less than
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(1) = LACQUER COATING ON WOOD
(2) = Brown Coating On Wood

Refer BKKH16008147
Refer BKKH16006844

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

- 6 **Total Lead (Pb) Content in Substrate Material- Children's Metal Product**
As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1001-08.3:2012 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
(1)	ND	2	13	100
(2)	ND	2	13	100
(3)	ND	2	13	100

Remark: < = Less than
mg/kg = Milligram per kilogram = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(1) = 5220245/5330070/5330074	METAL PART	Refer BKKH15013911
(2) = 5330011	SCREW PAN HEAD	Refer BKKH15013911
(3) = 5330070	METAL PART	Refer BKKH16000135

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Total lead (Pb) content in substrate material- non-metal children's product

As per U.S. Consumer product safety improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing lead, CPSC-CH-E1002-08.3:2012 method was used and total lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	ND	1	13	100
(7)	<13	1	13	100
(8)	ND	1	13	100

Remark: < = Less than
 mg/kg = Milligram per kilogram = ppm = Parts per million
 LOD = Limit of Detection
 LOQ = Limit of Quantitation
 ND = Not detected (Less than LOD)

Tested components:

(4) =	SOLID WOOD	Refer	BKKH15013909
(5) =	Plywood	Refer	BKKH16007214
(6) =	MDF Wood	Refer	BKKH15005961
(7) =	GREEN SAWDUST	Refer	BKKH16016103
(8) =	CREAM RUBBER	Refer	BKKH16017556

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

7 Phthalate content

As per CPSC-CH-C1001-09.3:2010 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)					<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
	(1)	(2)	(3)	(4)	(5)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP)	ND	ND	ND	ND	ND	0.0015	0.009	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

NPR = Notice of proposed rulemaking
< = Less
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(1) =	Plywood	Refer	BKKH16007214
(2) =	MDF Wood	Refer	BKKH16007214
(3) =	GREEN SAWDUST	Refer	BKKH16016103
(4) =	CREAM RUBBER	Refer	BKKH16017556
(5) =	LACQUER COATING ON WOOD	Refer	BKKH16008147

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Number: BKKH16014212S1

Test conducted:

Phthalate content

As per CPSC-CH-C1001-09.3:2010 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)	<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
(6)					
Dibutyl Phthalate (DBP)	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP)	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP)	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP)	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP)	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP)	ND	0.0015	0.009	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

NPR = Notice of proposed rulemaking
< = Less than
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(6) = Brown Coating On Wood

Refer BKKH16006844

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

8 Phthalate content test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u>					<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>(%, w/w)</u>					<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>
	(1)	(2)	(3)	(4)	(5)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1

Remark :
< = Less than
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Note : The above limit was quoted according to the California Proposition 65

Tested components:

(1) =	Plywood	Refer	BKKH16007214
(2) =	MDF Wood	Refer	BKKH16007214
(3) =	GREEN SAWDUST	Refer	BKKH16016103
(4) =	CREAM RUBBER	Refer	BKKH16017556
(5) =	LACQUER COATING ON WOOD	Refer	BKKH16008147

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Phthalate content test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)	<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)
(6)				
Dibutyl Phthalate (DBP)	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	0.0015	0.003	0.1

Remark :
< = Less than
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Note : The above limit was quoted according to the California Proposition 65

Tested components:

(6) = Brown Coating On Wood

Refer BKKH16006844

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

9 Total Lead (Pb) Content

As per Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

I Surface coating material

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90

Remark: < = Less than
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by or state law or regulation.

Tested components:

(1) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(2) =	Brown Coating On Wood	Refer	BKKH16006844

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Number: BKKH16014212S1

TEST REPORT

Test conducted:

II Non-surface coating material (substrate)

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>
(3)	ND	1	13	100
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	<13	1	13	100
(7)	ND	1	13	100
(8)	ND	1	13	100
(9)	ND	1	13	100
(10)	ND	1	13	100

Remark: < = Less than
mg/kg = Milligram per kilogram = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

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TEST REPORT

Number: BKKH16014212S1

Test conducted:

Tested components:

(3) =	SOLID WOOD	Refer	BKKH15013909
(4) =	Plywood	Refer	BKKH16007214
(5) =	MDF Wood	Refer	BKKH15005961
(6) =	GREEN SAWDUST	Refer	BKKH16016103
(7) =	CREAM RUBBER	Refer	BKKH16017556
(8) =	5220245/5330070/5330074	Refer	BKKH15013911
(9) =	5330011 SCREW PAN HEAD	Refer	BKKH15013911
(10) =	5330070 METAL PART	Refer	BKKH16000135

Note: LOD and LOQ value in this test report were effective since October, 2014

*****END*****/KS/ST

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