



HANGZHOU JINJUYOU TECHNOLOGY CO., LTD

Technical Report: (8822)108-0180(R1)

May 30, 2022

Date Received: Apr 18, 2022

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HANGZHOU JINJUYOU TECHNOLOGY CO., LTD
ROOM 2501, BLOCK 3, NO. 300-11, NO. 10 STREET (EAST),
QIANTANG NEW DISTRICT, HANGZHOU 310018, CHINA

Sample Description: PLASTIC BLOCKS TOY
Style No(s): MNTL-T01/T02/T03/T04/T05/T06/T07/T08/T09/T10/T11/T12/T13/T14/T15/T16/T17/T18/
T19/T20/G8111/G8117/G8118/G8119/G8120/G8121/G8122/G8123/G8124/G8125/
P8202/G8213/G8217/G8218

Vendor: N/A
Manufacturer: HANGZHOU JINJUYOU TECHNOLOGY CO., LTD
Sample Size: 12
SKN/SKU No.: NOT PROVIDE

Labeled Age Grade: 3+
Appropriate Age Grade: NOT REQUESTED
Client Specified Age: 3+ YEARS
Grade: 3+ YEARS
PO No.: NOT PROVIDE
Ref #: NOT PROVIDE
Country of Origin: CHINA

Tested Age Grade: OVER 3 YEARS OF AGE
UPC Code: N/A
Assortment No.: NOT PROVIDE
Country of Destination: AUSTRALIA/
NEW ZEALAND

Test Starting Date: APR 18, 2022
Test Finished Date: MAY 25, 2022

EXECUTIVE SUMMARY:

Test Requested	Conclusion
Mechanical and physical properties requirements of the tested subclauses of the Australian/New Zealand Standard, "Safety of toys", AS/NZS ISO 8124: Part 1: 2019+A1:2020+A2:2020	PASS
Labeling requirements of the tested subclauses of the Australian/New Zealand Standard, "Safety of toys", AS/NZS ISO 8124: Part 1: 2019+A1:2020+A2:2020	PASS

To be continued

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Harvey Xue
Manager, Analytical Lab



Rose Ge
Supervisor, Toys Lab

RT/ Joy Li

REMARK

If there are questions or concerns on this report, please contact the following persons:

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EXECUTIVE SUMMARY:

Test Requested	Conclusion
Flammability requirements of the AS/NZS Standard, "Safety of toys", AS/NZS 8124: Part 2: 2016	PASS
Mechanical hazards and labeling requirements of Australia Competition and Consumer Act 2010 and Australia Trade Practices Act 1974	PASS
Migration of Certain Elements – AS/NZS ISO 8124.3:2021	PASS
Di(2-ethylhexyl) phthalate (DEHP) content requirement of Australia Competition and Consumer Act 2010, Consumer Protection Notice No. 11 of 2011	PASS

Note: At the request of the client, the sample(s) was evaluated for use by children 3+.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.



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Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Purple coating	Ball	-
I002	Dark purple coating	Ball	-
I003	Blue coating	Ball	-
I004	Dark blue coating	Ball	-
I005	White coating	Ball	-
I006	Yellow coating	Ball	-
I007	Red coating	Ball	-
I008	Light red coating	Ball	-
I009	Orange coating	Ball	-
I010	Green coating	Ball	-
I011	Beige coating	Ball	-
I012	Cyan coating	Ball	-
I013	Black coating	Car	-
I014	Silver coating	Car	-
I015	Transparent Red plastic	Magnet Block	-
I016	Transparent Orange plastic	Magnet Block	-
I017	Transparent Yellow plastic	Magnet Block	-
I018	Transparent Green plastic	Magnet Block	-
I019	Transparent Blue plastic	Magnet Block	-
I020	Transparent Purple plastic	Magnet Block	-
I021	Transparent plastic	Magnet Block	-
I022	Transparent Pink plastic	Magnet Block	-
I023	Transparent Light yellow plastic	Magnet Block	-



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Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I024	Transparent Light green plastic	Magnet Block	-
I025	Transparent Light purple plastic	Magnet Block	-
I026	Transparent Light blue plastic	Magnet Block	-
I027	Black plastic	Wheel of flat car	-
I028	Orange red plastic	Car	-
I029	Light blue plastic	Car	-
I030	Translucent plastic	Wheel of car	-
I031	Transparent soft plastic	Wheel of car	-
I032	Transparent plastic	Bottom of car	-
I033	Bright black plastic	Switch of car	-
I034	Gray plastic	Sign	-
I035	Clear laminated multicolor printed white paper with adhesive	Sticker	-
I036	Beige wood	Ball	-
I037	Silvery metal	Axle of flat car	-
I038	Gold plated silvery metal	Rivet of Magnet Block	-



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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age-grading guidelines of the Annex A of the Australian/New Zealand Standard, "Safety of toys", AS/NZS ISO 8124: Part 1:2019+A1:2020+A2:2020.

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

RESULTS:

MECHANICAL & PHYSICAL PROPERTIES – (AS/NZS ISO 8124.1:2019+A1:2020+A2:2020)

Subclause	Requirement	Result
4.1	Normal use	M
4.2	Reasonably foreseeable abuse	M
4.3	Material	M
4.4	Small parts	M
4.5	Shape, size and strength of certain toys	M
4.6	Edges	M
4.7	Points	M
4.8	Projections	M
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	M
4.14	Springs	NA
4.15	Stability and overload requirements	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment	NA
4.18	Projectile toys	NA
4.19	Flying toys	NA
4.20	Aquatic toys	NA
4.21	Braking	NA
4.22	Toy bicycles	NA
4.23	Speed limitation of electrically driven ride-on toys	NA
4.24	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates, toy inline skates and toy skateboards	NA
4.28	Percussion caps specifically designed for use in toys	NA
4.29	Acoustic requirement	NA
4.30	Toy scooters	NA
4.31	Magnets and magnetic components	M
4.32	Yo-yo balls	NA
4.33	Straps intended to be worn fully or partially around the neck	NA
4.34	Sledges and toboggans with cords for pulling	NA
4.35	Jaw entrapment in handles and steering wheels	NA
4.36	Assembly	NA

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test



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RESULTS:

FLAMMABILITY (AS/NZS 8124.2: 2016)

Subclause	Requirement	Result
4.1	Celluloid (cellulose nitrate)	NP
4.1	Surface flash on a piled surface	NA
4.1	Flammable Gases	NA
4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by a child	NA
4.4	warning on product and packaging (10 - 30 mm/s)	NA
4.5	Soft - filled toys	NA

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section
P = Present NP = Not Present



RESULTS:

**AUSTRALIA COMPETITION AND CONSUMER ACT 2010 AND
 AUSTRALIA TRADE PRACTICES ACT 1974 MECHANICAL HAZARDS & LABELING**

Citation	Evaluation	Result
LABELING REQUIREMENTS		
Australia Consumer Goods (Projectile Toys) Safety Standard 2020	Projectile Toys	N/A
Trade Practices Act 1974 / Consumer Protection No.16 of 2010	Projectile Toys	N/A
Australia Consumer Goods (Aquatic Toys) Safety Standard 2020	Aquatic Toys	N/A
Trade Practices Act 1974 / Consumer Protection No. 2 of 2009	Flotation and aquatic Toys	N/A
Trade Practices Act 1974 / Consumer Protection No. 5 of 2010	Magnet Toys	M
Competition and Consumer Act 2010 / Consumer Protection Notice No. 19 of 2011	Undeclared knives or cutters in art, craft and stationery sets	N/A
SAFETY REQUIREMENTS		
Australia Consumer Goods (Projectile Toys) Safety Standard 2020	Projectile Toys	N/A
Trade Practices Act 1974 / Consumer Protection No.16 of 2010	Projectile Toys	N/A
Australia Consumer Goods (Aquatic Toys) Safety Standard 2020	Aquatic Toys	N/A
Trade Practices Act 1974 / Consumer Protection No. 2 of 2009	Flotation and aquatic toys	N/A
Trade Practices Act 1974 / Consumer Protection No. 5 of 2010	Magnet Toys	M
Trade Practices Act 1974 / Consumer Protection No. 14 of 2003	Toys for children up to and including 36 months of age	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 13 of 2011	Inflatable toys, novelties or furniture containing beads	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 20 of 2011	Yo-yo water balls	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 15 of 2011	Novelty cigarettes	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 18 of 2011	Toy-like novelty cigarette lighters	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 33 of 2011	Babies' dummies with decorations	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 34 of 2011	Babies dummy chains with decorations	N/A
Competition and Consumer Act 2010 / Consumer Protection Notice No. 5 of 2012	Small, high powered magnets	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



RESULTS:

Migration of Certain Elements – AS/NZS ISO 8124.3:2021

Test Method : AS/NZS ISO 8124.3:2021

Material	Limit (mg/kg)							
	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
All materials except modelling clay	25	1000	75	60	60	90	60	500
Modelling clay	25	250	50	25	25	90	60	500
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Test Item(s)	Result (mg/kg)								(g)	
I001	ND	ND	ND	ND	ND	ND	ND	ND	0.0570	PASS
I002	ND	3	ND	ND	ND	ND	ND	ND	0.0464	PASS
I003	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I004	ND	3	ND	ND	ND	ND	ND	ND	0.0837	PASS
I005	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I006	ND	ND	ND	ND	ND	ND	ND	ND	0.0733	PASS
I007	ND	8	ND	ND	ND	ND	ND	ND	0.0610	PASS
I008	ND	4	ND	ND	ND	ND	ND	ND	0.0808	PASS
I009	ND	2	ND	ND	ND	ND	ND	ND	0.0982	PASS
I010	ND	2	ND	ND	ND	ND	ND	ND	0.0596	PASS
I011	ND	2	ND	ND	ND	ND	ND	ND	0.0984	PASS
I012	ND	ND	ND	ND	ND	ND	ND	ND	0.0855	PASS
I013	ND	ND	ND	ND	ND	2	ND	ND	0.0355	PASS
I014	ND	2	ND	ND	ND	41	ND	ND	0.0518	PASS
I015	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I016	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I017	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I018	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I019	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I020	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I021	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I022	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I023	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I024	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS



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RESULTS:

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Test Item(s)	Result (mg/kg)								(g)	
I025	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I026	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I027	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I028	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I029	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I030	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I031	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I032	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I033	ND	ND	ND	ND	ND	ND	ND	ND	0.0785	PASS
I034	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS
I035	ND	3	ND	ND	ND	ND	ND	ND	-	PASS
I036	ND	15	ND	ND	ND	ND	ND	ND	-	PASS
I037	ND	ND	ND	2	ND	ND	ND	ND	-	PASS
I038	ND	ND	ND	ND	ND	ND	ND	ND	-	PASS

Note / key:

As = Arsenic

Ba = Barium

Cd = Cadmium

Cr = Chromium

Hg = Mercury

Pb = Lead

Sb = Antimony

Se = Selenium

ND = Not detected

g = gram(s)

% = percent

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 2



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RESULTS:

Diethylhexyl Phthalate (DEHP) Content – Australia Competition and Consumer Act 2010, Consumer Protection Notice No. 11 of 2011

Test Method : Sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer.

Maximum Allowable Limit:	1%
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Test Item(s)	Result	Unit	Conclusion
	DEHP		
I001+I002+I003	ND	%	PASS
I004+I005+I006	ND	%	PASS
I007+I008+I009	ND	%	PASS
I010+I011+I012	ND	%	PASS
I013+I014	ND	%	PASS
I015+I016+I017	ND	%	PASS
I018+I019+I020	ND	%	PASS
I021+I022+I023	ND	%	PASS
I024+I025+I026	ND	%	PASS
I027	ND	%	PASS
I028+I029+I030	ND	%	PASS
I031+I032+I033	ND	%	PASS
I034+I035	ND	%	PASS

Note / key:

DEHP = Di(2-ethylhexyl) phthalate

ND = Not detected % = percent

10000 mg/kg = 1 %

mg/kg = milligram(s) per kilogram

Detection Limit (%) : 0.005

Remark:

This report is to Supersede BV (Dong guan) report No. (8822)108-0180 dated on May 25, 2022.



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