



TEST REPORT

LAB NO. : (9321)285-0924
DATE : Oct 14, 2021
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APPLICANT : NEW BRIGHT INDUSTRIAL CO., LTD
9/F., NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD,
KOWLOON BAY, KLN, HK

CONTACT PERSON : /

DATE OF SUBMISSION : Oct 12, 2021

TEST PERIOD : Oct 12, 2021 to Oct 14, 2021

SAMPLE DESCRIPTION : TOY 6" R/C FULL FUNCTION MINI BOAT OUTERLIMITS CAT
(CATAMARAN) / OUTBOARD
TOY 12" R/C FULL FUNCTION WAVE MAKER BOAT;
6706 (6706-1RH, 6706-2YR, 6706-3RH),741
Country of Origin: CHINA

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863	PASS	

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

KENNY WANG
OPERATION MANAGER

REMARK

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

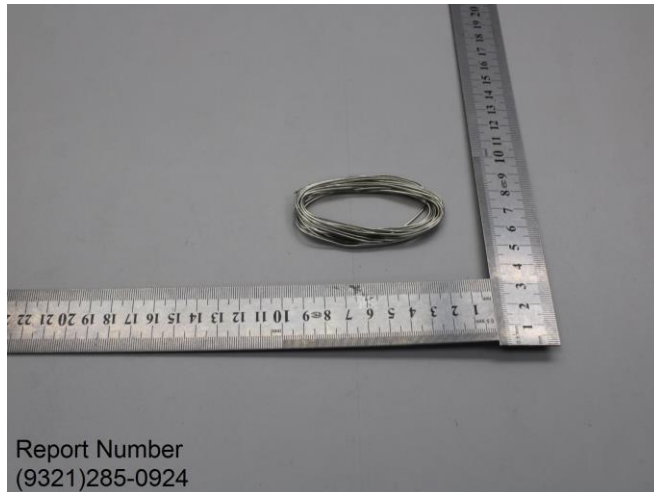
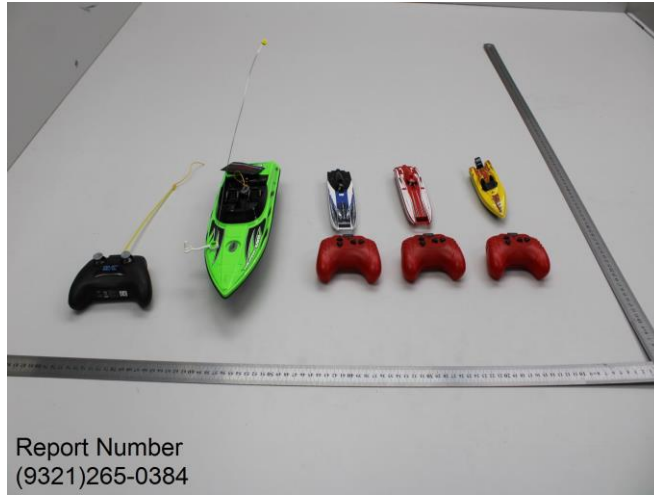
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Photo of the Submitted Sample





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TEST RESULT

Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863

Test Method : See Appendix.

Test Item(s)	Item / Component Description(s) + Location(s)	Style(s)
1	Multi-color printed white soft plastic with adhesive (sticker)	-
2	Grey plastic (knob)	-
3	White soft plastic (connector)	-
4	Green plastic with black coating (upper body)	-
5	Black plastic (steering wheel)	-
6	Black plastic (connector)	-
7	Yellow plastic (top, pin)	-
8	Black plastic (base, body)	-
9	Black plastic (cover, base)	-
10	Black plastic (connector)	-
11	Black plastic (plate)	-
12	Multi-color printed white paper with lamination and adhesive (sticker)	-
13	Grey plastic (handle, remote control)	-
14	Black plastic (case, remote control)	-
15	Black printed silvery plastic with adhesive (sticker)	-
16	Black plastic (battery cover, control remote)	-
17	Yellow soft plastic (wire jacket)	-
18	Transparent yellow plastic (sleeve, wire)	-
19	White plastic with black coating (case)	-
20	Black plastic (oar)	-
21	White plastic (cover, base)	-
22	Translucent red plastic (cover, lamp, red remote control)	-
23	Red plastic (remote control)	-
24	Black soft plastic (button, remote control)	-
25	Red plastic (battery cover)	-
26	Black plastic (case, wire connector)	-
27	Red plastic (plate)	-
28	Red plastic with black coating (case)	-
29	Red plastic (cover, base)	-
30	Yellow plastic with black coating (case, body)	-
31	Black plastic (plate, case)	-
32	Black plastic with white coating (base)	-
33	Black plastic (cover, base)	-
34	Black plastic (connector)	-
35	Light grey plasticplate)	-
36	Red plastic (plate)	-
37	Black plastic (case, battery box)	-
38	Black body (transistor, pcb)	-
39	Black plastic (pad, capacitor, pcb)	-
40	Black body (IC, pcb)	-
41	White plastic (terminal, wire connector, pcb)	-
42	Black plastic (coil holder, inductor, pcb)	-



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43	Brown/ green pcb (pcb)	-
44	Yellow soft plastic (wire jacket)	-
45	White soft plastic (wire jacket)	-
46	Blue soft plastic (wire jacket)	-
47	Brown soft plastic (wire jacket)	-
48	Black soft plastic (seal ring, motor)	-
49	White plastic (terminal, wire connector)	-
50	Translucent plastic (end bell, motor)	-
51	Beige plastic (commutator, motor)	-
52	White plastic (insulation, motor)	-
53	Black plastic (tack switch, pcb)	-
54	Green/ brown pcb (pcb)	-
55	Black printed light green plastic (sleeve, battery)	-
56	White soft plastic (glue)	-
57	Black plastic (connector)	-
58	White foam with adhesive (pad)	-
59	Green pcb (pcb)	-
60	Black soft plastic (wire jacket, battery connector)	-
61	Red soft plastic (wire jacket, battery connector)	-
62	White soft plastic (wire jacket)	-
63	Blue soft plastic (wire jacket)	-
64	Black soft plastic (wire jacket)	-
65	Red soft plastic (wire jacket)	-
66	Blue plastic (cover, roll)	-
67	Beige plastic (inner, roll)	-
68	Black soft plastic (seal ring)	-
69	Grey plastic (cover, roll)	-
70	Red soft plastic (wire jacket, red remote control)	-
71	Yellow soft plastic (wire jacket, red remote control)	-
72	Green/ brown pcb (pcb)	-
73	Transparent plastic (washer)	-
74	Dark silvery metal (bolt)	-
75	Silvery metal (pin)	-
76	Silvery metal (spring)	-
77	Silvery plated coppery metal (contact plate)	-
78	Silvery body (capacitor, pcb)	-
79	Black/ white body (smd resistor, pcb)	-
80	Brown body (smd capacitor, pcb)	-
81	Silvery solder (on pcb)	-
82	Multi-color printed green body (inductor, pcb)	-
83	Silvery plated golden metal (pin, connector, pcb)	-
84	Black core (inductor, pcb)	-
85	Coppery metal (coil)	-
86	Coppery metal (wire)	-
87	Silvery solder (on motor)	-
88	Brown body (capacitor, motor)	-
89	Silvery plated coppery metal (wire connector)	-
90	Silvery metal (case, motor)	-
91	Black magnet (core, motor)	-
92	Dark silvery metal (spring, motor)	-



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93	Coppery metal (ring, motor)	-
94	Coppery metal (contact plate, brush, motor)	-
95	Silvery metal (coil holder, motor)	-
96	Coppery metal (coil, motor)	-
97	Golden metal (ring, motor)	-
98	Silvery metal (shaft, motor)	-
99	Coppery metal (contact plate, commutator, motor)	-
100	Red paper (ring, commutator, motor)	-
101	Silvery solder (connector, motor)	-
102	Black/ silvery ceramic (ring, commutator, motor)	-
103	Silvery body (crystal, pcb)	-
104	Silvery solder (on pcb)	-
105	Silvery metal (case, tack switch)	-
106	Silvery metal (contact plate, tack switch)	-
107	Silvery plated golden metal (pin, tack switch)	-
108	Dull grey body (inductor, pcb)	-
109	Silvery solder (on pcb)	-
110	Silvery metal (case, roll)	-
111	Silvery metal (shaft, inner, roll)	-
112	Coopery metal (coil, inner, roll)	-
113	Black magnet (post)	-
114	Silvery metal (shaft)	-
115	Silvery plated coppery metal (wire)	-
116	Silvery plated coppery metal (wire connector)	-
117	Silvery plated golden metal (terminal ring)	-
118	Silvery solder (on contact plate)	-
119	Dark silvery metal (screw)	-
120	Dark silvery metal (screw)	-
121	Dark silvery metal (screw)	-
122	Dark silvery metal (screw)	-
123	Dark silvery metal (screw)	-

See Analytes and their corresponding Maximum Allowable Limit in Appendix

-	Result									
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	-	-	-	-	-	-	-	-	-	-
1	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
2	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
3	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
4	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
5	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
6	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
7	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
8	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
9	BL	BL	BL	ND*	BL	BL	BL	BL	BL	PASS
10	BL	BL	BL	ND*	BL	BL	BL	BL	BL	PASS
11	BL	BL	BL	ND*	BL	BL	BL	BL	BL	PASS
12	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS



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-	Result									
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	-	-	-	-	-	-	-	-	-	-
13	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
14	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
15	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
16	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
17	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
18	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
19	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
20	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
21	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
22	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
23	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
24	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
25	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
26	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
27	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
28	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
29	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
30	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
31	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
32	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
33	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
34	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
35	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
36	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
37	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
38	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
39	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
40	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
41	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
42	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
43	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
44	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
45	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
46	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
47	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
48	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
49	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
50	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
51	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
52	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
53	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
54	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
55	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
56	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
57	BL	BL	BL	BL	PBDEs 87.5*	BL	BL	BL	BL	PASS



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-	Result									
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	-	-	-	-	-	-	-	-	-	-
58	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
59	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
60	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
61	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
62	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
63	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
64	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
65	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
66	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
67	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
68	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
69	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
70	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
71	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
72	BL	BL	BL	BL	ND*	BL	BL	BL	BL	PASS
73	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
74	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
75	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
76	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
77	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
78	BL	BL	BL	BL	BL	NA	NA	NA	NA	PASS
79	BL	BL	BL	BL	BL	NA	NA	NA	NA	PASS
80	BL	BL	BL	BL	BL	NA	NA	NA	NA	PASS
81	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
82	BL	BL	BL	BL	BL	NA	NA	NA	NA	PASS
83	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
84	BL	BL	BL	ND*	NA	NA	NA	NA	NA	PASS
85	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
86	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
87	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
88	BL	BL	BL	BL	BL	NA	NA	NA	NA	PASS
89	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
90	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
91	BL	BL	BL	ND*	NA	NA	NA	NA	NA	PASS
92	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
93	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
94	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
95	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
96	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
97	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
98	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
99	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
100	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
101	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
102	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
103	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



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APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [Compliance Test for European Parliament and Council Directive 2011/65/EU with its Amendments (EU) 2015/863] :

No.	Name of Analyte(s)	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]			Wet Chemistry	
		Plastic	Metallic / glass / ceramic	Others		
1	Lead (Pb)	100	200	200	10 ^[b]	1000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See [e, i]	1000 / Negative ^[f]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[f]	Sum 1000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[f]	Sum 1000
9	Dibutyl phthalate (DBP) Butyl benzyl phthalate (BBP) Di-2-ethylhexyl phthalate (DEHP) Diisobutyl phthalate (DIBP)	NA	NA	NA	Each 500 ^[j]	Each 1000

NA = Not applicable IEC = International Electrotechnical Commission

[a] Test method with reference to International Standard IEC 62321-3-1: 2013.

[b] Test method with reference to International Standard IEC 62321-5: 2013.

[c] Test method with reference to International Standard IEC 62321-4: 2013+AMD1: 2017 CSV.

[d] Polymers and Electronics - Test method with reference to International Standard IEC 62321-7-2: 2017.

[e] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015.

[f] Test method with reference to International Standard IEC 62321-6: 2015.

[g] Leather - Test method International Standard ISO 17075: 2017.

[h] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2007.

[i] Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).

[j] Test method with reference International Standard IEC 62321-8: 2017.

Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :

The testing approach was with reference to the following document(s).

1 International Standards IEC 62321-1: 2013 and IEC 62321-2: 2013

2 "RoHS Enforcement Guidance Document Version 1" by EU RoHS Enforcement Authorities Informal Network. (May 2006)

3 "RoHS Regulations - Government Guidance Notes" by United Kingdom Department for Business Innovation & Skills. (February 2011)

4 "Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium" by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

END