



# TEST REPORT

LAB NO. : (9320)356-0265  
DATE : Jan 04, 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 : Dec 21, 2020

TEST PERIOD : Dec 21, 2020 to Jan 04, 2021

SAMPLE DESCRIPTION : 7185 TOY 18" R/C FULL FUNCTION SEA RAY BOAT  
1272 TOY 1:12 R/C FULL FUNCTION REBEL;  
Country of Origin: CHINA

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Total Cadmium Content in Plastic Material - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 23	PASS	

## SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	White plastic with multicolor print and adhesive (sticker)
2	Blue plastic (body)
3	White plastic with multicolor coating (body)
4	Grey plastic (rail)
5	Grey plastic (knob)
6	Black printed silvery plastic with adhesive (sticker)
7	Black plastic (slider switch)
8	Light grey plastic (knob)
9	White soft plastic (stopper)
10	Black plastic (aerial)
11	Black plastic
12	White soft plastic (propeller)
13	Black plastic (case, remote control)
14	Grey plastic (joystick, remote control)
15	Translucent yellow plastic (tube, remote control)

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16	Black soft plastic (wire jacket, remote control)
17	Black plastic (battery cover, remote control)
18	Light grey plastic (block)
19	Brown soft plastic (wire jacket)
20	Blue soft plastic (wire jacket)
21	White plastic (wire connector)
22	Red soft plastic (wire jacket)
23	White soft plastic (wire jacket)
24	Black plastic (base, inductor, back of PCB)
25	Green PCB
26	Black body (transistor, PCB)
27	Black plastic (base, PCB)
28	Black body (IC, PCB)
29	Beige plastic (connector)
30	Black plastic
31	Red plastic
32	Red plastic (slider switch)
33	Brown plastic (plate, slider switch)
34	Black plastic (battery case)
35	Black plastic (PCB cover)
36	Black plastic (motor outer cover)
37	White plastic (gear)
38	Black soft plastic (ring/ gasket)
39	Light beige plastic (shaft)
40	Deep beige plastic (endbell, motor)
41	Translucent beige plastic (copper brush base, motor)
42	Translucent plastic (commutator, motor)
43	White plastic (insulator, motor)
44	White plastic (tube, motor)
45	Translucent plastic (tube)
46	Black plastic (case, tack switch)
47	Green PCB (remote control)
48	Black body (IC, remote control PCB)
49	Transparent plastic (washer)
50	Green pcb (motor)
51	Green pcb (big motor)
52	Black plastic (tail)
53	Multicolor printed white paper sticker with adhesive (sticker)
54	Multi-color printed transparent plastic (car body)
55	Transparent plastic with multicolor print and adhesive (sticker)
56	Black plastic (bumper)
57	Red plastic (shocks)
58	Black plastic (clip)
59	Black plastic (base)
60	Red plastic (wheel alignment switch)
61	Transparent soft plastic (glue)



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62	Grey plastic (bumper)
63	Black soft plastic (tyre)
64	Black plastic (wheel)
65	Transparent plastic (joint)
66	Black plastic (connector link)
67	Black plastic (battery cover)
68	Multi-color printed transparent plastic (car body)
69	Orange plastic (shocks)
70	Black soft plastic (wire jacket)
71	Red soft plastic (wire jacket)
72	Grey soft plastic (wire jacket)
73	Brown soft plastic (wire jacket)
74	Green soft plastic (wire jacket)
75	Blue soft plastic (wire jacket)
76	Black plastic (pcb cover)
77	White plastic (wheel axle with gear)
78	Beige plastic (gear)
79	Green soft plastic (sleeve, capacitor, pcb)
80	Blue pcb (car pcb)
81	Red soft plastic (wire jacket)
82	Blue pcb (pcb, remote control)

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NINA REN  
SENIOR MANAGER

**REMARK**

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

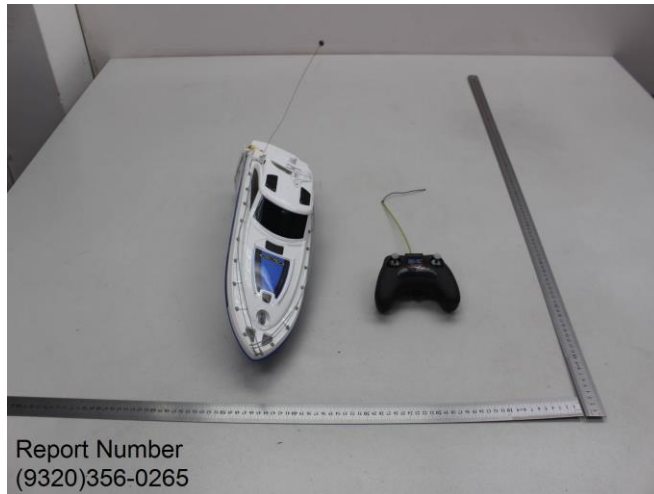
- a) GENERAL TEL: (86)755 83437287  
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695  
FAX: (86)755 83439100
- BUSINESS GZ TEL: (86) 20 87148525  
FAX: (86) 20 87148528

EMAIL: eechemical.sc@cn.bureauveritas.com  
WEBSITE: cps.bureauveritas.cn

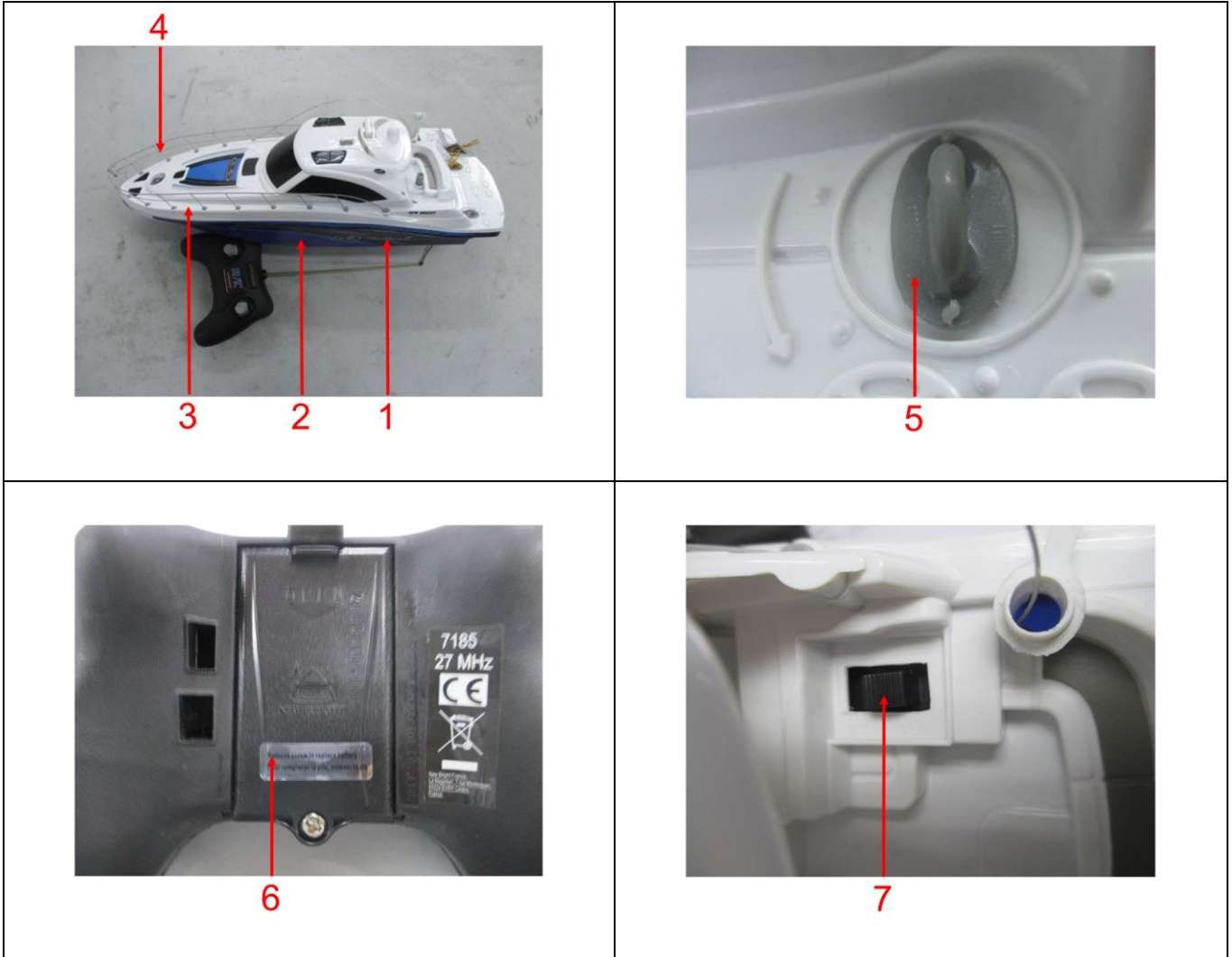


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**Photo of the Submitted Sample**



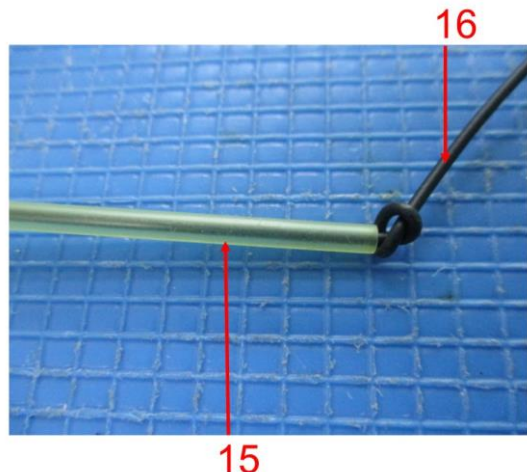
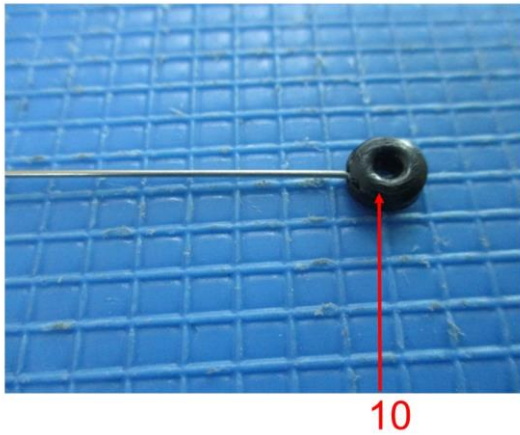
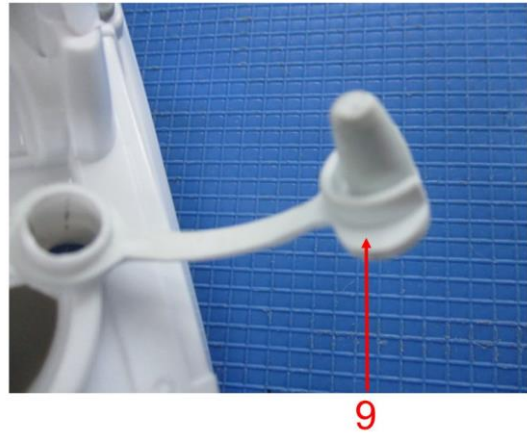
Photograph of test item(s)





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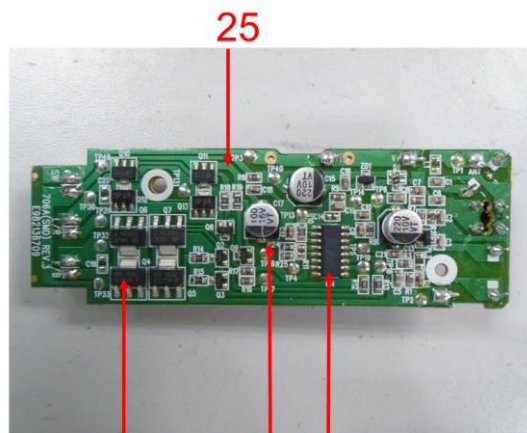
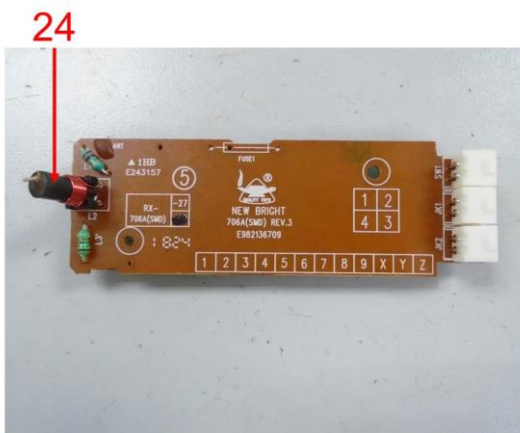
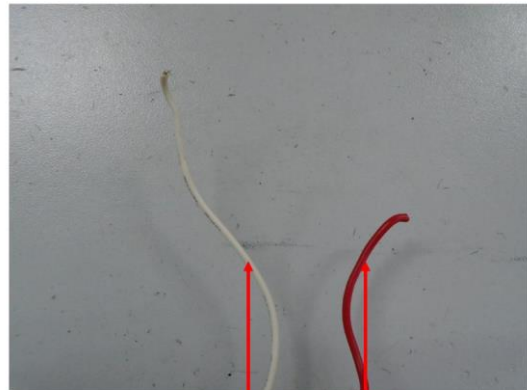
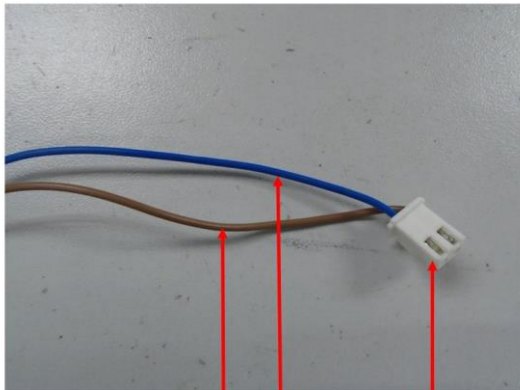
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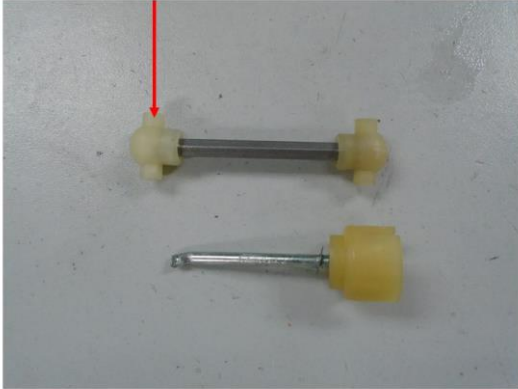




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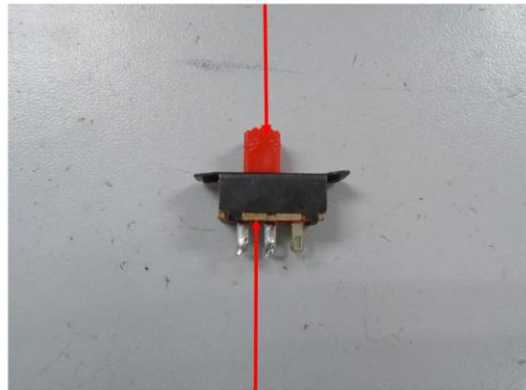
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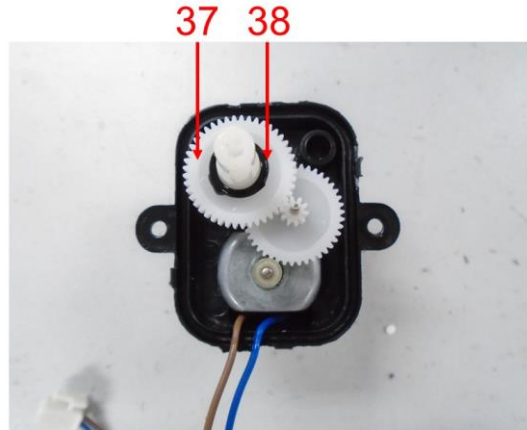


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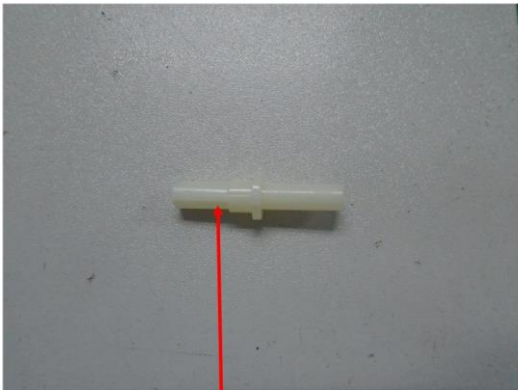
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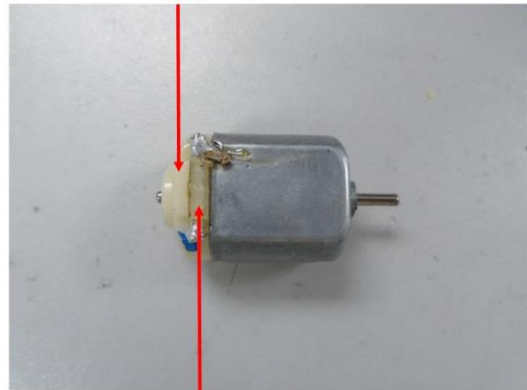
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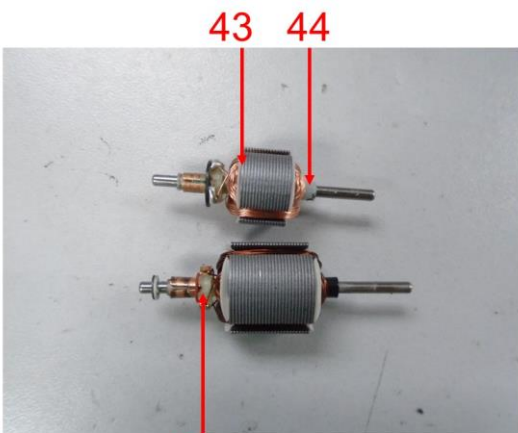


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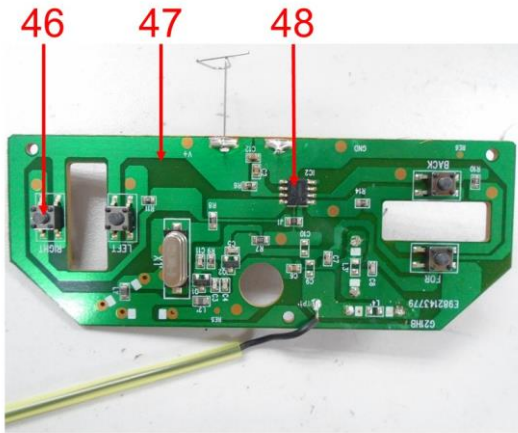


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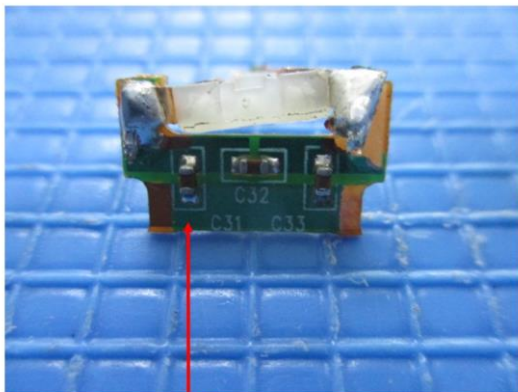


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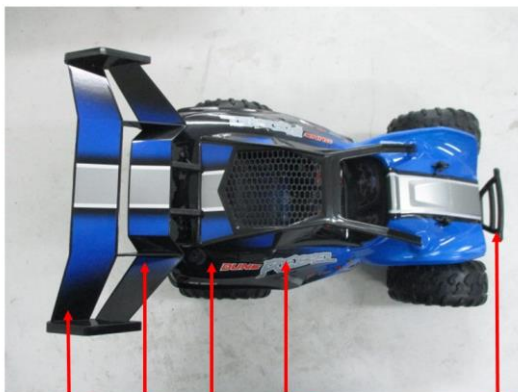
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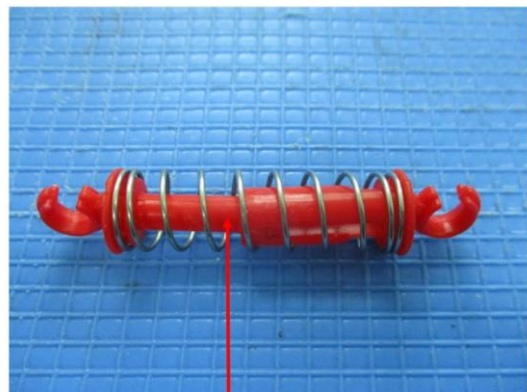
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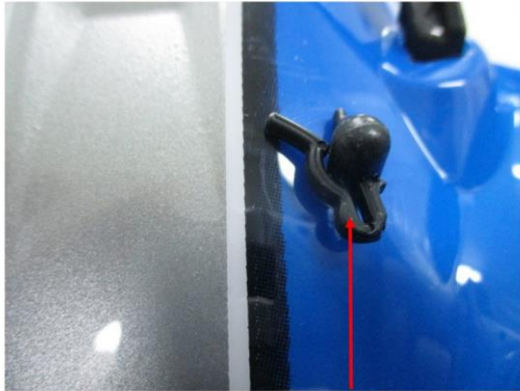


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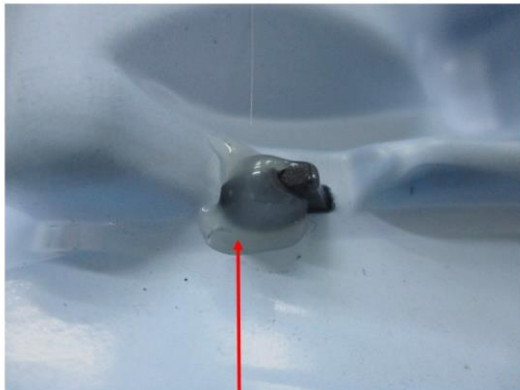


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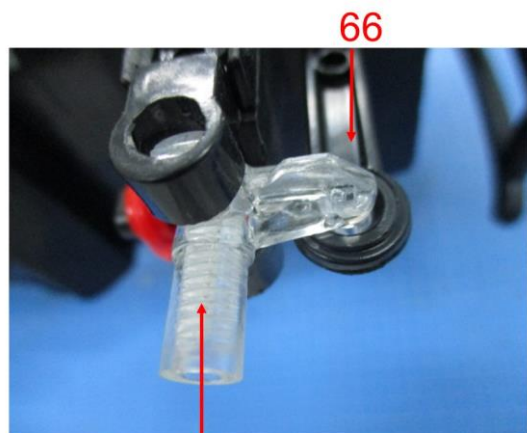


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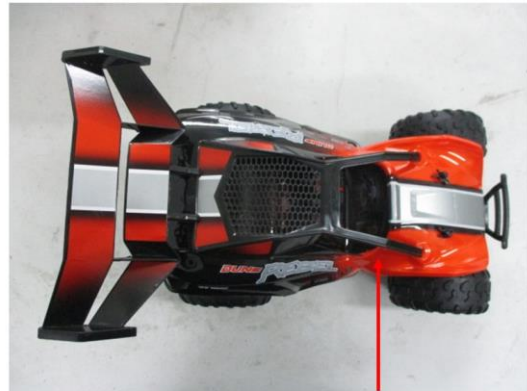


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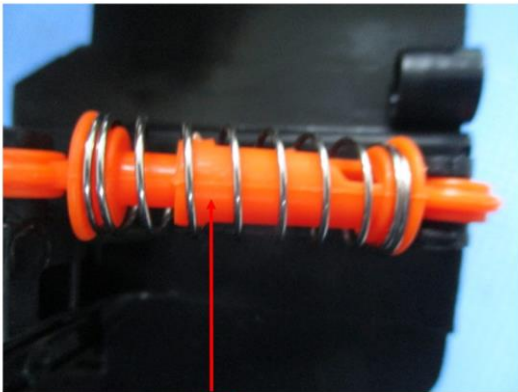
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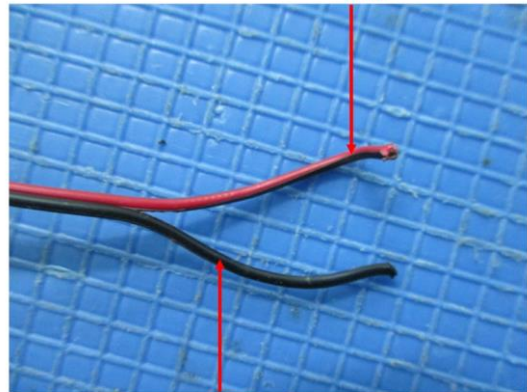
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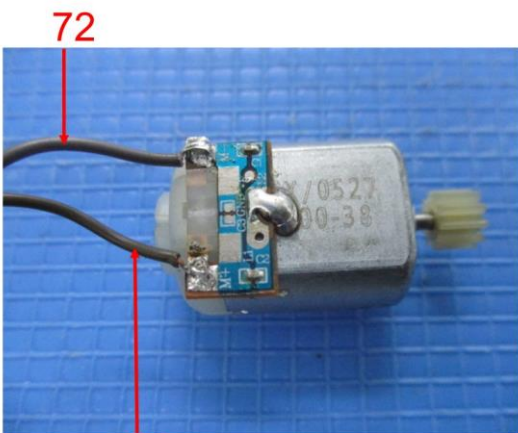


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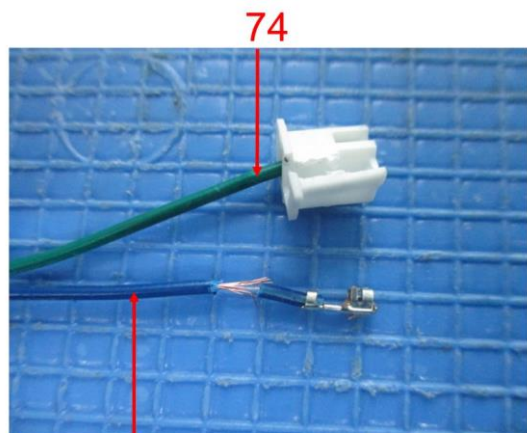
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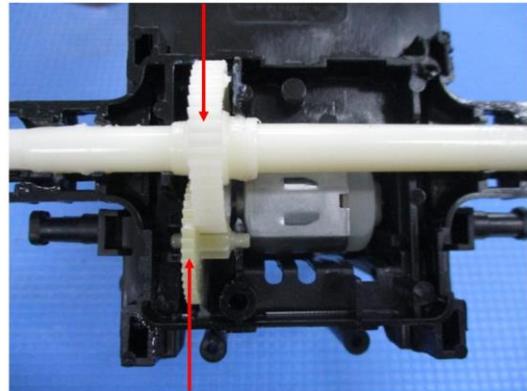


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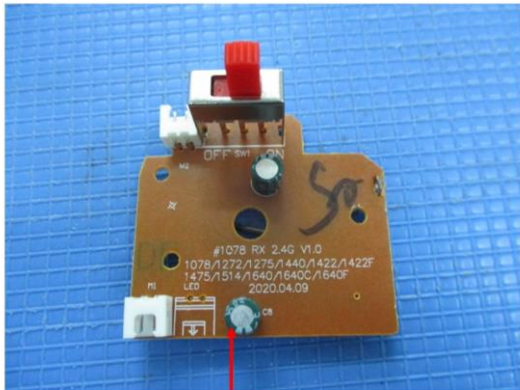


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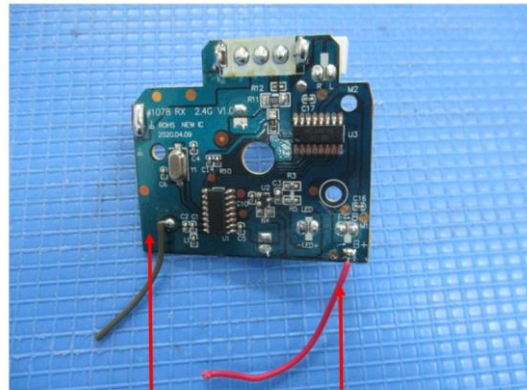


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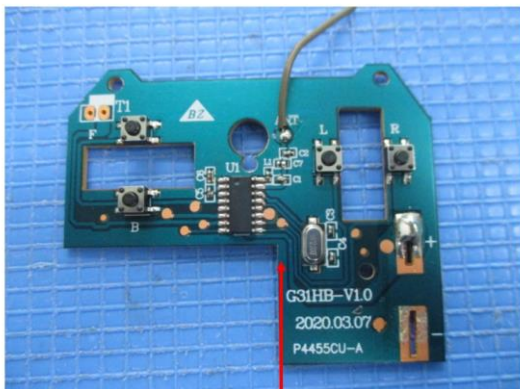


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### TEST RESULT

**Total Cadmium Content in Plastic Material - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 23**

**Test Method** : British Standard BS EN 1122: 2001, Method B.

<b>Maximum Allowable Limit :</b>	<b>100 mg/kg</b>
----------------------------------	------------------

-	Unit	Result		
<b>Test Item(s)</b>	-	1+2+3	4+5+6	7+8+9
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	10+11+12	13+14+15	16+17+18
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	19+20+21	22+23+24	25+26+27
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	28+29+30	31+32+33	34+35+36
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS



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-	Unit	Result		
<b>Test Item(s)</b>	-	37+38+39	40+41+42	43+44+45
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	46+47+48	49+50+51	52+53+55
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	56+57+58	59+60+61	62+63+64
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	65+66+67	69+70+71	72+73+74
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

-	Unit	Result		
<b>Test Item(s)</b>	-	75+76+77	78+79+81	68
<b>Parameter</b>	-	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS



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-	Unit	Result	
<b>Test Item(s)</b>	-	80+82	54
<b>Parameter</b>	-	-	-
<b>Test Sample(s) / Trial(s)</b>	-	-	-
Trial 1	mg/kg	ND	ND
Trial 2	mg/kg	ND	ND
Average Total Cadmium (Cd)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS

Note / Key :

ND = Not detected

“>” = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

10 000 mg/kg = 1 %

% = percent

No. = Number(s)

Detection Limit (mg/kg) : 10

Remark :

- Plastic material(s) produced from recovered polyvinyl chloride (PVC) is (are) not allowed to comply with this requirement and has (have) to comply with another total cadmium requirement with maximum allowable limit of 1 000 mg/kg.

END