

Test Report

Number: SHAH01445456S1

Applicant:

Shantou Chenghai Systech Toys Co.,Ltd
LeCheng Building, Huafu, Guangyi Street,
Chenghai District, Shantou City, Guangdong Province.

Date: Apr 29, 2022

THIS IS TO SUPERSEDE REPORT
NO. SHAH01445456 DATED 27 Apr,
2022

Sample Description:

One(1) group of submitted sample said to be :

Item Name : RC DRONE
Item No. : S1,S2,S3,S5,S6,S7,S8,S9,S161,S162,S163,S165,S166,S167,
S168,S169,TK102,TK103,TK105,TK106,TK107,TK108,TK109,
DM001,DM002,DM003,DM005,DM007,DM008,DM009,
DM101,DM102,DM103,DM105,DM106,DM107,DM108,
DM109,F1,F2,F3,F5,F6,F7,F8,F9,M1,M2,M3,M5,M6,M7,
M8,M9, NH525, NH760

Tests Conducted:

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

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Screened components of Submitted Sample	Restriction of the use of certain hazardous substance in electrical and electronic equipment(RoHS Directive 2011/65/EU and (EU) 2015/863)	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Peter Chen
General Manager



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Tests Conducted

1. Certain Hazardous Substance in Electrical and Electronic Equipment

Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr) and bromine (Br) content were measured with reference to IEC 62321-3-1 Edition 1.0:2013 by XRF spectroscopy and chemical confirmation test for RoHS restricted substances. And Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) and Phthalates content were determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

(A) Results:

Part No.	Screened Components	Refer Information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation Result (mg/kg)	Conclusion On ROHS
1	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
2	FAN (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
3	UPPER COVER (COLORFUL PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	



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			DIBP	NA	P	/	
4	HOUSING (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
5	MOTOR						
5-1	AXLE (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	X		Negative	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
5-2	COVER (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
5-3	END COVER (GREY PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	



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			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
5-4	MAGNET (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
5-5	ENAMELED WIRE (COPPER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
5-6	SUPPORT (GREY PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
6	PCB						
6-1	LEAD SKIN (WHITE NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	



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			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
6-2	LEAD SKIN (BLUE NONMETAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
6-3	LEAD SKIN (BLACK NONMETAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
6-4	LEAD SKIN (RED NONMETAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/



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6-5	LEAD SKIN (CLEAR NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-6	INFRARED SENSOR						
6-6-1	INFRARED SENSOR	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-6-2	SLEEVE (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-6-3	THERMAL SHRINKAGE TUBE (NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	



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			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-7	LED						
6-7-1	LED	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBB=ND PBDE=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-7-2	FRAME (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-7-3	LEAD SKIN (RED NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-7-4	LEAD SKIN (BLACK NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	



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			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
6-7-5	WIRE (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
6-8	KEY	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
6-9	IC	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
6-10	CRYSTAL	/	Cd	P	NA	/	PASS	



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	OSCILLATOR		Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-11	PLUG SEAT						
6-11-1	PIN (YELLOW METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
6-11-2	SEAT (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-12	SOLDER (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	X		177 ppm	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	



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			DBP	NA	NA	/	
			DIBP	NA	NA	/	
6-13	PCB	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBB=ND PBDE=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
			6-14	TRIODE	/	Cd	
Pb	P	/					
Hg	P	/					
Cr	P	/					
Br	P	/					
DEHP	NA	P				/	
BBP	NA	P				/	
DBP	NA	P				/	
DIBP	NA	P				/	
6-15	RESISTOR	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-16	IC	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	



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			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
6-17	IC	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P	/		
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
6-18	LED	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P	/		
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
7	BATTERY BAG						
7-1	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P	/		
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
7-2	ADHESIVE TAPE						
7-2-1	ADHESIVE TAPE	/	Cd	P	NA	/	PASS



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	(WHITE NONMETAL)		Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
7-2-2	ADHESIVE TAPE (YELLOW NONMETAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
DIBP	NA	P	/					
7-2-3	SOLDER (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
DIBP	NA	NA	/					
7-2-4	PCB	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/



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			DIBP	NA	P	/	
7-3	USB CONNECTOR						
7-3-1	SOCKET (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
7-3-2	INFRARED SENSOR	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBB=ND PBDE=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
7-3-3	CONNECTOR						
7-3-3-1	USB OUT COVER (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
7-3-3-2	PIN (GUN-METAL SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
7-3-3-3	INNER SUPPORT (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
7-3-4	PCB	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBB=ND PBDE=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
8	BUTTON (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
9	REMOTE CONTROL LEVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	



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			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
10	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
11	BUCKLE (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	X		PBB=ND PBDE=ND		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
12	BATTERY COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	X		PBB=ND PBDE=ND		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/



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13	SPRING SUPPORT						
13-1	SPRING (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
13-2	CONTACT SHEET (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14	PCB						
14-1	KEY						
14-1-1	BUTTON (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
DIBP	NA	P	/				
14-1-2	FRAME (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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			Br	NA		/		
			DEHP	NA	NA	/		
			BBP	NA	NA	/		
			DBP	NA	NA	/		
			DIBP	NA	NA	/		
14-1-3	CONTACT SHEET (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
14-1-4	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA		P		/
14-1-5	LEAD (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
14-2	CRYSTAL OSCILLATOR	/	Cd	P	NA	/	PASS	
			Pb	P		/		



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			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
14-3	LED	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	X		PBB=ND PBDE=ND		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA	P	/		
14-4	BUTTON							
14-4-1	BUTTON (BLUE PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA	P	/		
14-4-2	COVER (WHITE PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/



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			DIBP	NA	P	/	
14-4-3	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBB=ND PBDE=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
			14-4-4	PIN (SILVER METAL)	/	Cd	
Pb	P	/					
Hg	P	/					
Cr	P	/					
Br	NA	/					
DEHP	NA	NA				/	
BBP	NA	NA				/	
DBP	NA	NA				/	
DIBP	NA	NA				/	
14-4-5	SPRING (GREY METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14-4-6	HOOK (GREY METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	X		Negative	
			Br	NA		/	
			DEHP	NA		NA	



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			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14-4-7	SUPPORT (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
14-4-8	LEAD (GUN-METAL SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14-5	BUZZER						
14-5-1	COVER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
14-5-2	CONTACT SHEET (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	



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Tests Conducted

			Cr	P		/		
			Br	NA		/		
			DEHP	NA	NA	/		
			BBP	NA	NA	/		
			DBP	NA	NA	/		
			DIBP	NA	NA	/		
14-5-3	COIL (COPPER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
14-5-4	MAGNET (BLACK METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
14-5-5	SEAT (GUN-METAL SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	X		Negative		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA		NA		/
14-5-6	PCB	/	Cd	P	NA	/	PASS	



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Tests Conducted

			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	X		PBB=ND PBDE=ND		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
14-6	ELECTRONIC ELEMENT							
14-6-1	COVER (GREEN PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/
			DBP	NA		P		/
			DIBP	NA	P	/		
14-6-2	FRAME (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA		NA		/
			BBP	NA		NA		/
			DBP	NA		NA		/
			DIBP	NA	NA	/		
14-6-3	CONNECTOR (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA		P		/
			BBP	NA		P		/



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Tests Conducted

			DBP	NA	P	/	
			DIBP	NA	P	/	
14-6-4	ELASTIC SHEET (YELLOW METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
			14-6-5	SUPPORT (WHITE PLASTIC)	/	Cd	
Pb	P	/					
Hg	P	/					
Cr	P	/					
Br	P	/					
DEHP	NA	P				/	
BBP	NA	P				/	
DBP	NA	P				/	
DIBP	NA	P				/	
14-6-6	FIXED RING (WHITE PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
14-6-7	SPRING (GREY METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	



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Tests Conducted

			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14-6-8	BASE (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
14-7	IC	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
14-8	SOLDER (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	X		448 ppm	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
14-9	PCB	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	



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Tests Conducted

			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
15	USB CABLE							
15-1	USB OUT COVER (SILVER METAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	NA		/		
			DEHP	NA	NA	/		
			BBP	NA	NA	/		
			DBP	NA	NA	/		
			DIBP	NA	NA	/		
15-2	INNER SUPPORT (BLACK PLASTIC)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		
15-3	PLUG SKIN (BLACK NONMETAL)	/	Cd	P	NA	/	PASS	
			Pb	P		/		
			Hg	P		/		
			Cr	P		/		
			Br	P		/		
			DEHP	NA	P	/		
			BBP	NA	P	/		
			DBP	NA	P	/		
			DIBP	NA	P	/		



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15-4	CABLE SKIN (BLACK NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
15-5	LEAD SKIN (WHITE NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
15-6	LEAD SKIN (RED NONMETAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
15-7	WIRE (COPPER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	



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Tests Conducted

			DBP	NA	NA	/	
			DIBP	NA	NA	/	
15-8	INNER SUPPORT (WHITE PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
			15-9	USB OUT COVER (SILVER METAL)	/	Cd	
Pb	P	/					
Hg	P	/					
Cr	P	/					
Br	NA	/					
DEHP	NA	NA				/	
BBP	NA	NA				/	
DBP	NA	NA				/	
DIBP	NA	NA				/	
16	SCREWDRIVER						
16-1	SCREWDRIVER (SILVER METAL)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
16-2	SCREWDRIVER HOLDER (BLACK PLASTIC)	/	Cd	P	NA	/	PASS
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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			Br	P		/	
			DEHP	NA	X	727 ppm	
			BBP	NA	P	/	
			DBP	NA	X	226 ppm	
			DIBP	NA	P	/	

P = Pass (Below the lower screening limits of table (B1 or B2))

X = Inconclusive result (Further chemical test was suggested (see table (B1 or B2).))

F = Fail (Exceeded the upper screening limits of table (B1))

NA = Not applicable

ND = Not detected

µg/cm² = Microgram per square centimeter

Negative = The Cr (VI) concentration is less than 0.10 µg/cm². The sample is negative for Cr (VI).

(B) Screening Limits

(B1) XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices (mg/kg):

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	P ≤ 70 < X < 130 ≤ F	P ≤ 70 < X < 130 ≤ F	P ≤ 70 < X < 150 ≤ F
Pb	P ≤ 700 < X < 1300 ≤ F	P ≤ 700 < X < 1300 ≤ F	P ≤ 500 < X < 1500 ≤ F
Hg	P ≤ 700 < X < 1300 ≤ F	P ≤ 700 < X < 1300 ≤ F	P ≤ 500 < X < 1500 ≤ F
Cr	P ≤ 700 < X	P ≤ 700 < X	P ≤ 500 < X
Br	P ≤ 300 < X	Not applicable	P ≤ 250 < X

(B2) Preliminary screening test will used for phthalates, if the results exceed the warning area in the following table, further chemical methods will conduct to confirm the exact content by GC/MS. (mg/kg)

Phthalates	Polymer
Bis(2-ethylhexyl)phthalate(DEHP)	P ≤ 600 < X
Butyl benzyl phthalate(BBP)	P ≤ 600 < X
Dibutyl phthalate(DBP)	P ≤ 600 < X
Diisobutyl phthalate(DIBP)	P ≤ 600 < X

(C) Estimated Detection Limits in mg/kg for Regulated Elements in Various Matrices (mg/kg):

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	50	70	70
Pb	100	200	200
Hg	100	200	200
Cr	100	200	200
Br	200	Not applicable	200



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Disclaimers:

This XRF Screening and Chemical Confirmation Test Report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF Screening and Chemical Confirmation Test Report is sufficient for its/his/her purposes.

The results shown in this XRF Screening and Chemical Confirmation Test Report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.

(D) Chemical Test Methods:

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5 Edition 1.0: 2013, by acid digestion and determined by ICP - OES	2 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 Edition 1.0: 2013, by acid digestion and determined by ICP - OES	2 mg/kg
Mercury (Hg) Content	With reference to IEC 62321-4 Edition 1.1: 2017, by acid digestion and determined by ICP - OES	2 mg/kg
Chromium (VI) (Cr ⁶⁺) Content	With reference to IEC 62321-7-1 Edition 1.0:2015, by boiling water extraction and determined by UV-VIS spectrophotometer	Positive(>0.13 µg/cm ²) / Negative(<0.10 µg/cm ²) / Inconclusive(0.10µg/cm ² --0.13 µg/cm ²)
Chromium (VI)(Cr ⁶⁺) Content	With reference to IEC 62321-7-2 Edition 1.0:2017, by alkaline digestion and determined by UV-VIS Spectrophotometer	10 mg/kg
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs) Content	With reference to IEC 62321-6 Edition 1.0:2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary	5 mg/kg
Phthalates (DEHP, BBP, DBP, DIBP) Content	With reference to IEC 62321-8 Edition 1.0:2017,by solvent extraction and determined by GC/MS	100mg/kg

(E) RoHS Requirement:

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Phthalates(DEHP, BBP, DBP, DIBP)	0.1% (1000 mg/kg)

The above limits were quoted from 2011/65/EU and (EU) 2015/863 for homogeneous material.

Remark: Test Item is subcontracted to the organization accredited by CNAS with code of CNAS L3439.



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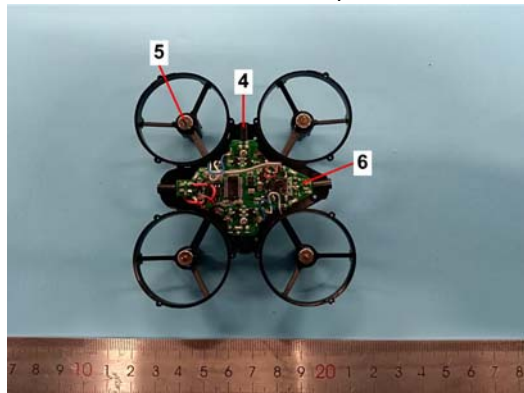
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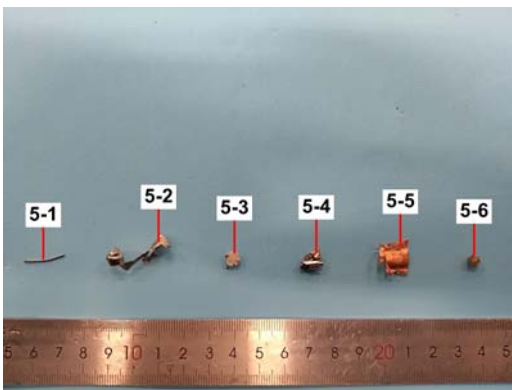
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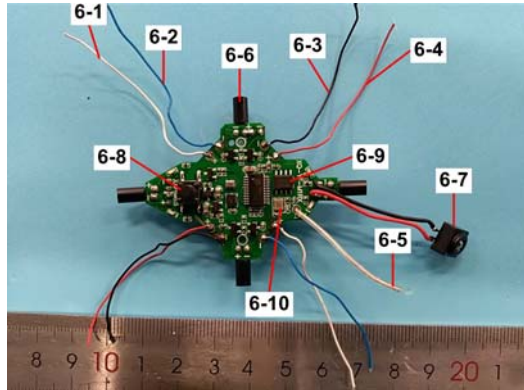
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Submitted Sample



Submitted Sample



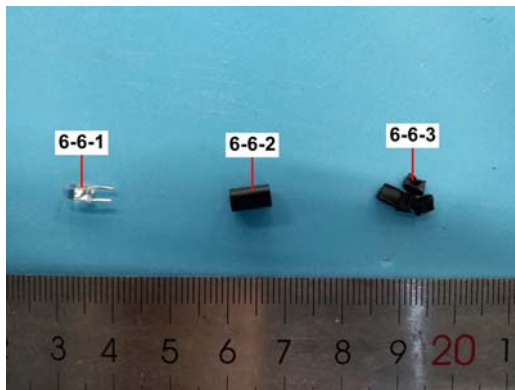
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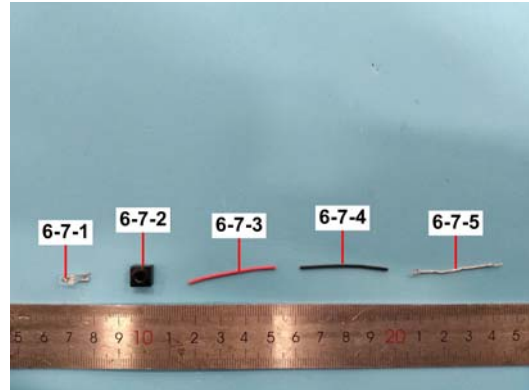
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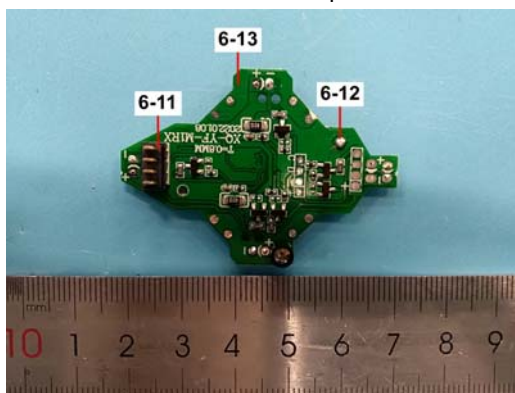
Tests Conducted



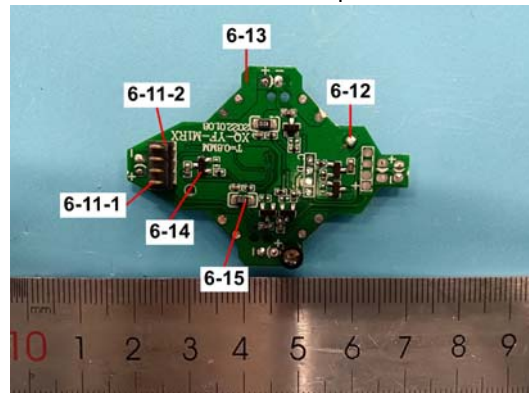
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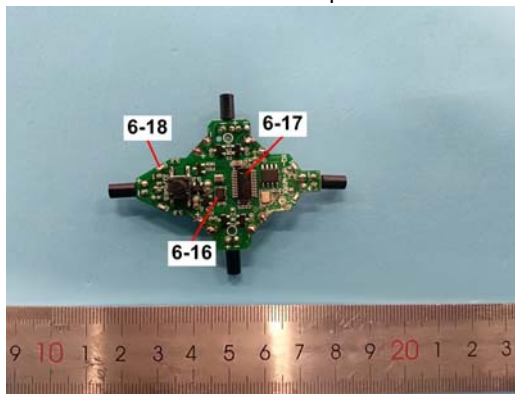
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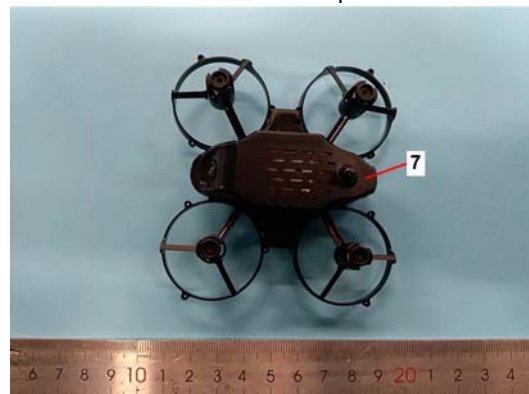
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Submitted Sample



Submitted Sample

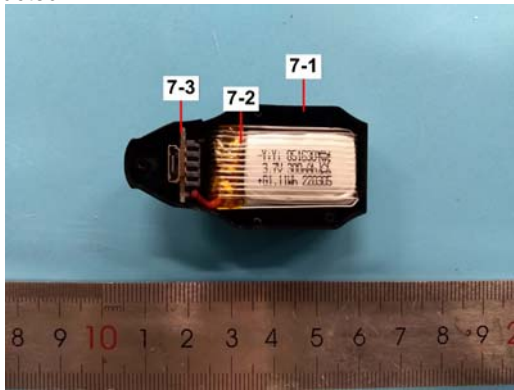


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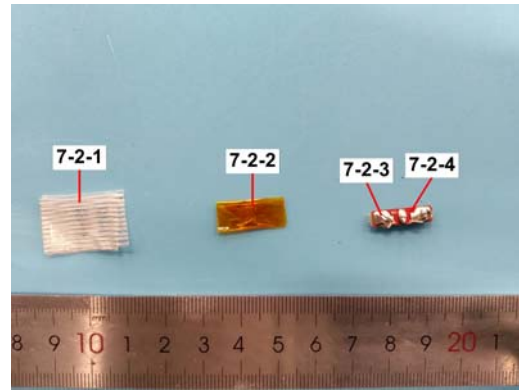
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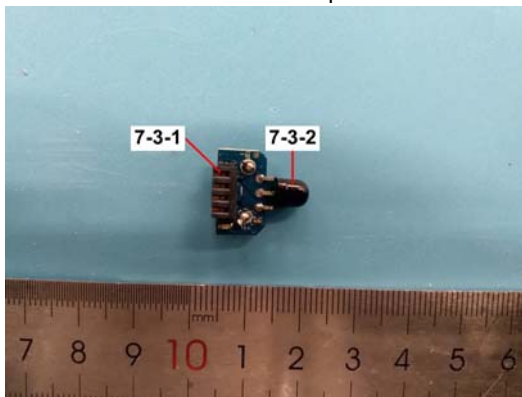
Tests Conducted



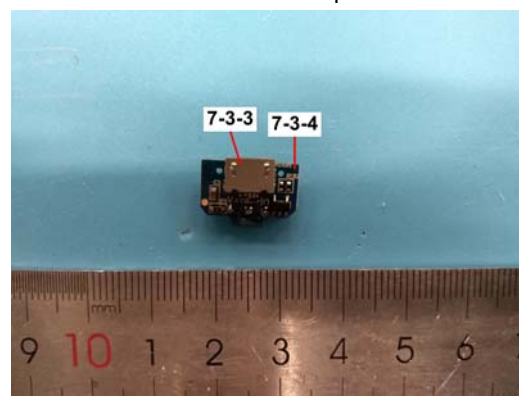
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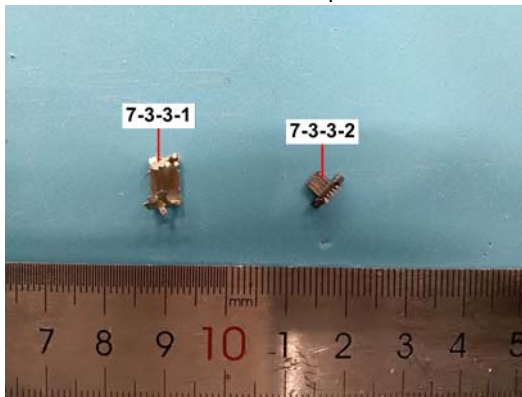
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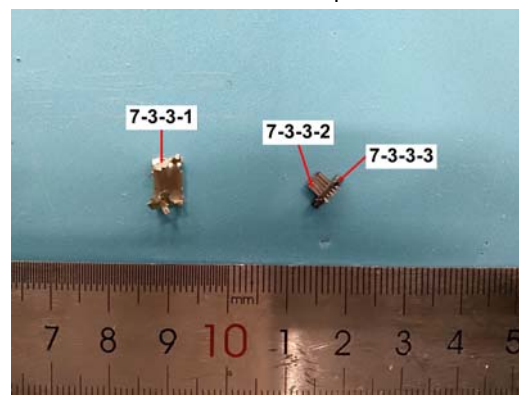
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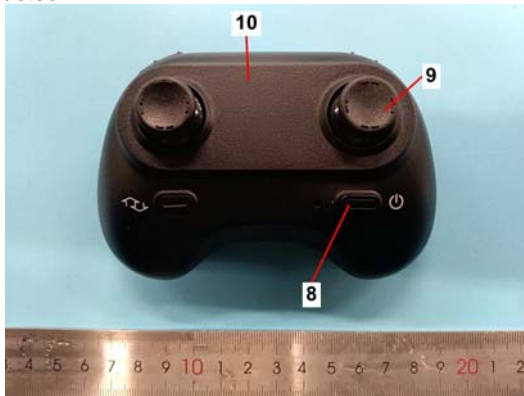


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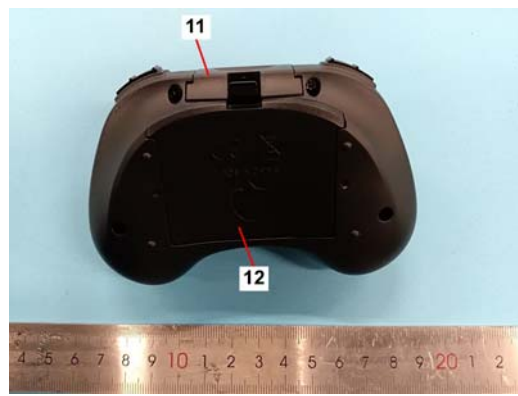
Test Report

Number: SHAH01445456S1

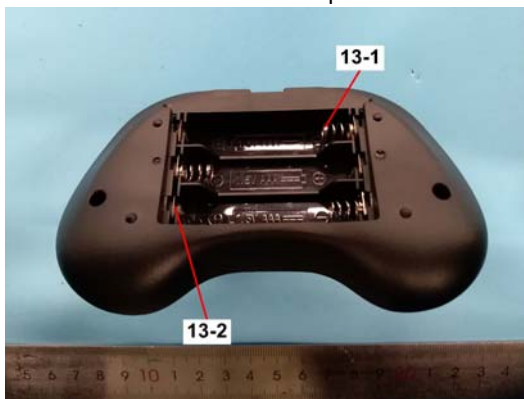
Tests Conducted



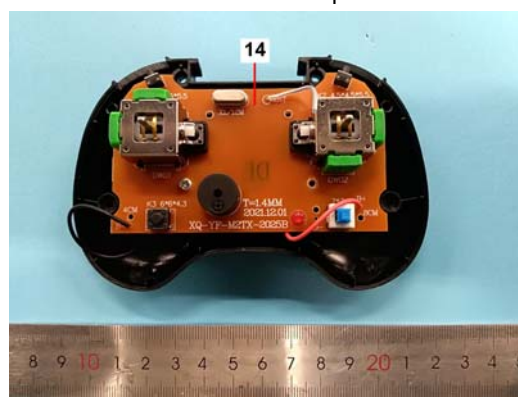
Submitted Sample



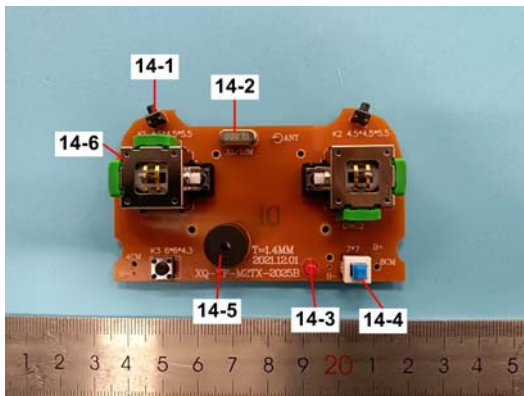
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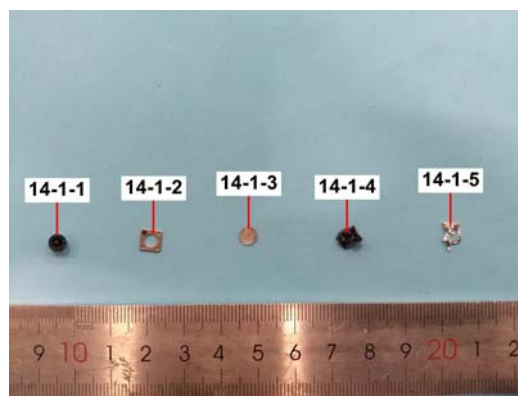
Submitted Sample



Submitted Sample



Submitted Sample



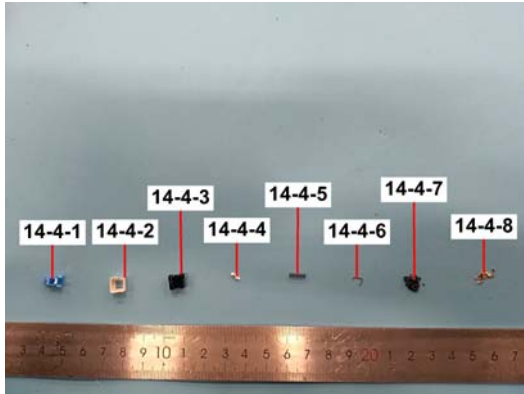
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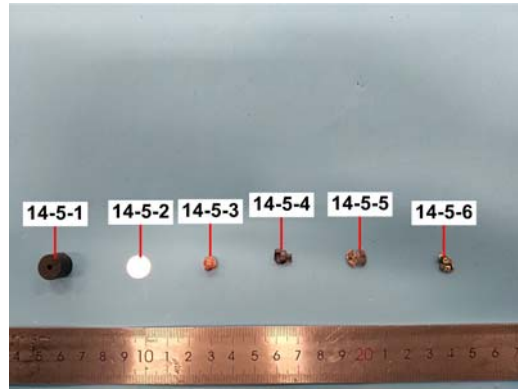
Test Report

Number: SHAH01445456S1

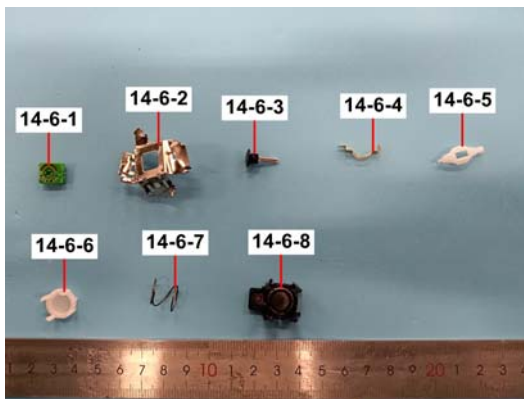
Tests Conducted



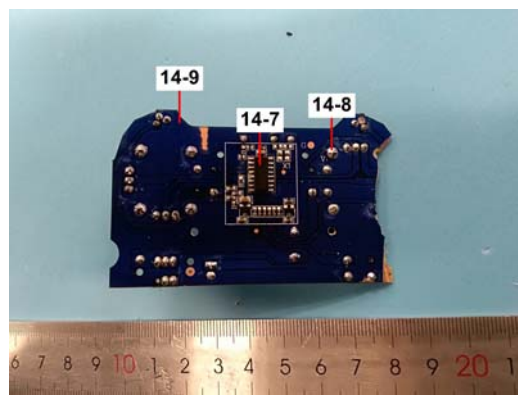
Submitted Sample



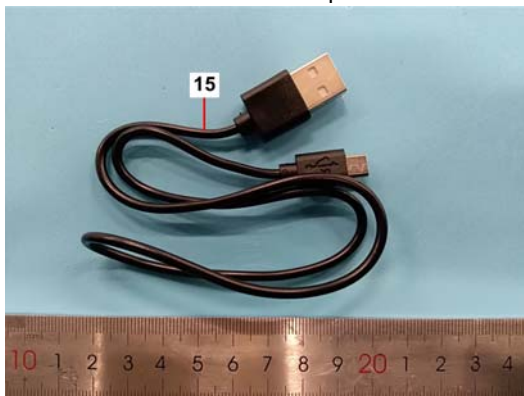
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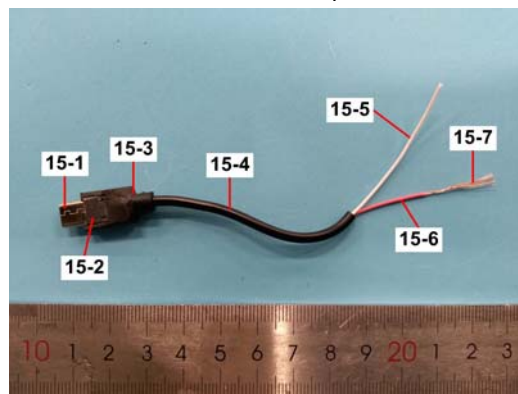
Submitted Sample



Submitted Sample



Submitted Sample

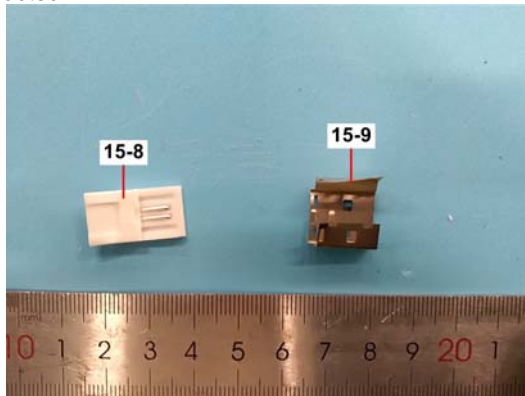


Submitted Sample

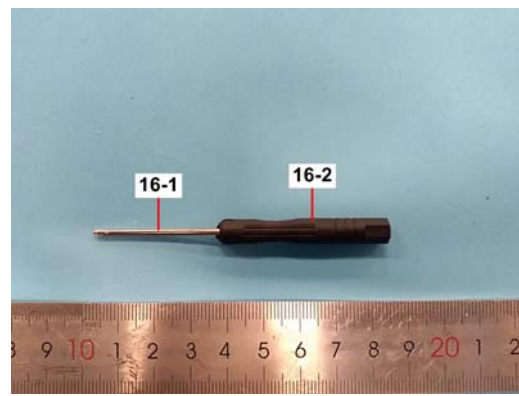
Test Report

Number: SHAH01445456S1

Tests Conducted



Submitted Sample



Submitted Sample

Date sample received: Mar 23, 2022

Testing period: Mar 23, 2022 to Mar 28, 2022

End of report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

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To: Shantou Chenghai Systech Toys Co.,Ltd

Date: Apr 29, 2022

Re: Report Revision Notification

Intertek Testing Services Report Number SHAH01445456 Dated Apr 27, 2022.

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number **SHAH01445456S1** .

Reason for report revision: Typing error of customer information.

Thank you for your attention.

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Peter Chen
General Manager

