

XRF Screening and Chemical Confirmation Test Report

Number: 230201271SHA-001

Applicant: Yuyao Phelp Electric Appliance Co., Ltd
No.23 Rongchuang Road, Yuyao City, Ningbo Zhejiang Province China

Date: Mar.09, 2023

Sample Description:

Item Name : **Juicer**
Testing Model : JE-651L1
Reference Model : Refer to page 2

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Tested component 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:
For Intertek Testing Services Ltd., Shanghai



Wenjia Gu
Senior Manager



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Reference Model : JE-601A,JE-601B,JE-601C,JE-601D,JE-601E,JE-601F,JE-601G,JE-601H
 JE-602A,JE-602B,JE-602C,JE-602D,
 JE-603A,JE-603B,JE-603C,JE-603D
 JE-605A,JE-605B,
 JE-606A,JE-606B,JE-606C,JE-606D,JE-606E,JE-606F, JE-606G,JE-606H
 JE-606HA,JE-606HB,JE-606HC,JE-606HD,JE-606HE,JE-606HF
 JE-606HG,JE-606HH,JE-607,JE-607H
 JE-608,JE-608H, JE-609A,JE-609B
 JE-610A,JE-610B,JE-611A,JE-611B,JE-612A,JE-612B
 JE-613 JE-613A,JE-613B,JE-613C,JE-613D,JE-613E,JE-613F,
 JE-615A,JE-615B,JE-616,JE-617A,JE-617B
 JE-618A,JE-618B,JE-618C,JE-618D,JE-618E,JE-618F,JE-618G,JE-618H. JE-618J
 JE-618A1,JE-618B1,JE-618C1,JE-618D1,JE-618E1,JE-618F1,JE-618G1,JE-618H1
 JE-618J1
 JE-619A,JE-619B, JE-620A,JE-620B
 JE-621A,JE-621B,JE-621C,JE-621D,JE-621E,JE-621F
 JE-622A,JE-622B,JE-622C,JE-622D
 JE-623A,JE-623B,JE-623C,JE-623D
 JE-625A,JE-625B,JE-625C,JE-625D,JE-625E,JE-625F,JE-625G,JE-625H. JE-625J
 JE-626A,JE-626B,JE-626C,JE-626D,JE-626E,JE-626F,JE-626G,JE-626H. JE-626J
 JE-626A1,JE-626B1,JE-626G1,
 JE-627A,JE-627B,JE-627C,JE-627D,JE-627E,JE-627F,JE-627G,JE-627H,JE-627J,
 JE-627A1,JE-627B1,JE-627G1
 JE-629A,JE-629B
 JE-630A,JE-630B,JE-630C,JE-630D,JE-630E,JE-630F,JE-630G,JE-630H. JE-630J
 JE-632A,JE-632B,JE-632C,JE-632D,JE-632E,JE-632F,JE-632G,JE-632H. JE-632J
 JE-632A1,JE-632B1,JE-632G1,
 JE-633A,JE-633B,JE-633C,JE-633D,JE-633E,JE-633F,JE-633G,JE-633H,JE-633J
 JE-635A,JE-635B,JE-635C,JE-635D
 JE-636A,JE-636B,JE-636C
 JE-637A,JE-637B,JE-637C,
 JE-638A,JE-638B,JE-638C,
 JE-639A,JE-639B,JE-639C,
 JE-650A,JE-650B,JE-650C,JE-650D
 JE-651A,JE-651B,JE-651C,JE-651D,JE-651E,JE-651F,JE-651G,JE-651H,JE-651J,
 JE-651K,JE-651L,JE-651M
 JE-651A1,JE-651B1,JE-651C1,JE-651D1,JE-651E1,JE-651F1,JE-651G1,JE-651J1
 JE-651H1,JE-651K1,JE-651L1,JE-651M1
 JE-652A,JE-652B,JE-652C,JE-652D,JE-652E,JE-652F,JE-652G,JE-652H
 JE-652J,JE-652K,JE-652L,JE-652M,JE-652Q,JE-652R,JE-652S,JE-652T
 JE-653A,JE-653B,JE-653C,JE-653D,JE-653E,JE-653F,JE-653G,JE-653H
 JE-655A,JE-655B,JE-655C,JE-655D,JE-655E,JE-655F,JE-655G,JE-655H,JE-655J,
 JE-655K,JE-655L,JE-655M
 JE-656A,JE-656B,JE-656C,JE-656D,JE-656E,JE-656F,JE-656G,JE-656H,JE-656J
 JE-656K,JE-656L,JE-656M
 JE-657A,JE-657B,JE-657C,JE-657D
 JE-658A,JE-658B,JE-658C,JE-658D,JE-658E,JE-658F,JE-658G,JE-658H,JE-658J
 JE-658K,JE-658L,JE-658M
 JE-661A,JE-661B,JE-661C,
 JE-662A,JE-662B,JE-662C,JE-662D,JE-662E,JE-662F,JE-662G,JE-662H,JE-662J
 JE-663A,JE-663B,JE-663C
 JE-665A,JE-665B,JE-665C,JE-665D,JE-665E,JE-665F,JE-665G,JE-665H,JE-665J,
 JE-666A,JE-666B,JE-666C,JE-666D,JE-666E,JE-666F
 JE-667A,JE-667B,JE-667C,JE-667D,JE-667E,JE-667F,
 JE-667HA,JE-667HB,JE-667HC,JE-667HD,JE-667HE,JE-667HF,
 JE-669A,JE-669B,JE-669C
 JE-670A,JE-670B,JE-670C,JE-670D,JE-670E,JE-670F,JE-670G,JE-670H
 JE-671A,JE-671B,JE-671C,JE-671D,JE-671E,JE-671F,
 JE-671HA,JE-671HB,JE-671HC,JE-671HD,JE-671HE,JE-671HF,



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JE-672A,JE-672B,JE-672C,JE-672D,JE-672E,JE-672F, JE-672G,JE-672H,JE-672J,JE-672K,JE-672L,JE-672M,JE-672Q,JE-672R,JE-672S,JE-672T
JE-675A,JE-675B,JE-675C,JE-675D,JE-675E,JE-675F,JE-675G,JE-675H
JE-676A,JE-676B,JE-676C,JE-676D
JE-677A,JE-677B
JE-678A,JE-678B,JE-678C,JE-678D,JE-678E,JE-678F,JE-678G,JE-678H
JE-679A,JE-679B
JE-680A,JE-680B,JE-680HA,JE-680HB
JE-701A,JE-701HA,JE-701B,JE-701HB,JE-702A,JE-702B,JE-703,JE-705,JE-706,JE-707,JE-708,JE-709,JE-710,JE-711,JE-712,JE-713A,JE-713B, JE-715A,JE-715B
JE-716A,JE-716B

To be continued



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Tests Conducted

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	Metal case (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	/	
2	Plastic case (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	/	
3	Plastic lid (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	/	
4	Plastic lid (silver)		Cd	P	NA	/	Pass
			Pb	P		/	

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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
	nonmetal)		Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
5	Rubber sheath (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	Metal Axis (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	Screw (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	/	
8	Plastic lid		Cd	P	NA	/	Pass



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
	(black nonmetal)		Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
9	Plastic lid (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	/	
10	Metal lid (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	/	
11	Metal 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	/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
12	Plastic case (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	/	
13	Plastic lid (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	/	
14	Plastic bracket (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	Plastic base (black nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	

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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
16	Plastic case (black nonmetal)		DBP	NA	P	/	Pass
			DIBP	NA	P	/	
			Cd	P	NA	/	
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
17	Plastic bracket (green 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	/	
18	Rubber pad (grey 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	/	
19	Plastic pad (black nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
20	Metal washer (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	/	
21	Line 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	/	
22	Rubber outer 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	/	
23	Linen (brown nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
24	Line 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	/	
25	Plug (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	/	
26	Plastic bracket (white nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBBs=ND&PBDEs=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
27	Copper wire (copper metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			Cr	P	NA	/	
			Br	NA		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
28	Wire harness (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
29	Screw (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
30	Plastic lid (transparent 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	/	
31	Metal Axis (Silver Metal)		Cd	P	NA	/	Pass
			Pb	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
32	Rubber pad (translucent 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	/	
33	Metal lid (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	/	
34	Plastic lid (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	/	
35	Plastic lid		Cd	P	NA	/	Pass

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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
	(beige nonmetal)		Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
36	Plastic lid (beige nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
37	Plastic Gear (beige nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
38	Plastic Gear (beige nonmetal)		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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39	Plastic bracket (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	/	
40	Plastic bracket (beige 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	/	
41	Plastic clip (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	/	
42	Metal Axis (Silver Metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
43	Screw (silver metal)		DBP	NA	NA	/	Pass
			DIBP	NA	NA	/	
			Cd	P	NA	/	
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
44	Metal Axis (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	/	
45	Metal Axis (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	/	
46	Screw (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
47	PCB (green nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBBs=ND&PBDEs=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
48	Capacitance (yellow nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBBs=ND&PBDEs=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
49	Metal bolt (golden metal)		Cd	P	NA	/	Pass
			Pb	X		Pb=20826#1	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
50	Plastic blade (white nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
51	Metal bracket (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	/	
52	Wire core (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	/	
53	Wire harness (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	/	
54	Line skin (red nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	



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			Cr	P	P	/	
			Br	P		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
55	Line skin (black nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
56	Rubber sheath (translucent nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
57	Metal sheet (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
			DIBP	NA		/	
58	Metal sheet (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	



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			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
59	Metal bracket (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	/	
60	Metal ring (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	/	
61	Metal bracket (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	/	
62	Silicon steel		Cd	P	NA	/	Pass

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	sheet (silver metal)		Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
63	Copper wire (copper metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA	NA	/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
64	Insulator skin (white nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P	P	/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	
65	Yellow wax tube (white nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P	P	/	
			DEHP	NA		/	
			BBP	NA		/	
			DBP	NA		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
66	Silicon steel 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	/	
67	Metal Axis (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	/	
68	Plastic bracket (green 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	/	
69	Plastic bracket (beige nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	P		/	
			DEHP	NA	P	/	
			BBP	NA	P	/	



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			DBP	NA	P	/	
			DIBP	NA	P	/	
70	Screw (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	/	
71	Plastic blade (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	/	
72	Capacitance (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	/	
73	Steering (golden metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	NA		/	

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			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
74	Plastic case (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	/	
75	Metal sheet (golden 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	/	
76	Carbon brush (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	/	
77	Spring (silver metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	
78	Plastic bracket (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	/	
79	Plastic ring (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	/	
80	Tie (beige nonmetal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	
			Cr	P		/	
			Br	X		PBBs=ND&PBDEs=ND	
			DEHP	NA	P	/	
			BBP	NA	P	/	
			DBP	NA	P	/	
			DIBP	NA	P	/	
81	Rivet (golden metal)		Cd	P	NA	/	Pass
			Pb	P		/	
			Hg	P		/	



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Part No.	Screened Components	Refer information	Items	XRF Results	Screened Results (phthalates)	Chemical Confirmation result(mg/kg)	Conclusion on RoHS
			Cr	P		/	
			Br	NA		/	
			DEHP	NA	NA	/	
			BBP	NA	NA	/	
			DBP	NA	NA	/	
			DIBP	NA	NA	/	

Remark: P = Pass (Below the lower screening limit of table (B1))

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

BL=Below the lower screening limit of table (B2) and pass

NA = Not applicable

ND = Not detected

ppm = Parts per million = mg/kg

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

(#1) = As claimed by the declaration submitted from the applicant, the Lead content of the component comes from Copper alloy only. According to EU RoHS Directive (2011/65/EU), Lead in Copper alloy containing up to 4% (40,000 mg/kg) Lead by weight can be exempted.

To be continued

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(B)

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

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

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

Phthalates	Polymer
Bis(2-ethylhexyl)phthalate(DEHP)	$BL \leq 600 < X$
Butyl benzyl phthalate(BBP)	$BL \leq 600 < X$
Dibutyl phthalate(DBP)	$BL \leq 600 < X$
Diisobutyl phthalate(DIBP)	$BL \leq 600 < X$

(C) Estimated detection limits in mg/kg for regulated elements in various matrices.

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

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.

To be continued

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(D) Chemical confirmation 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 (for non-metal)	With reference to IEC 62321-7-2 Edition 1.0:2017, by alkaline digestion and determined by UV-VIS Spectrophotometer	10 mg/kg
Chromium (VI) (Cr ⁶⁺) content (for metal)	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)
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,DB P,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 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)
Phthalates(DEHP, BBP, DBP, DIBP)	0.1% (1000 ppm)

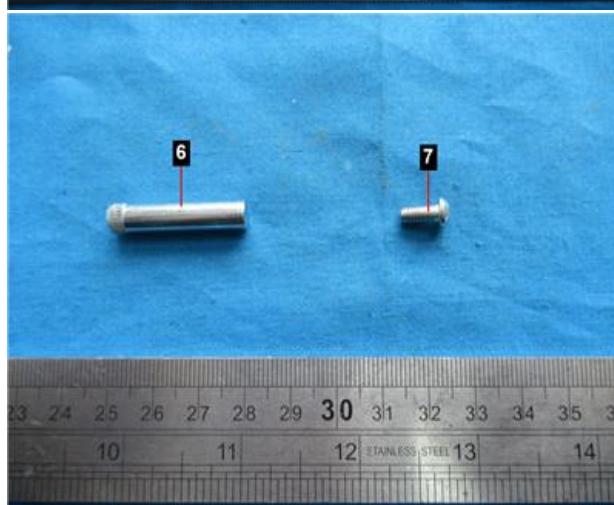
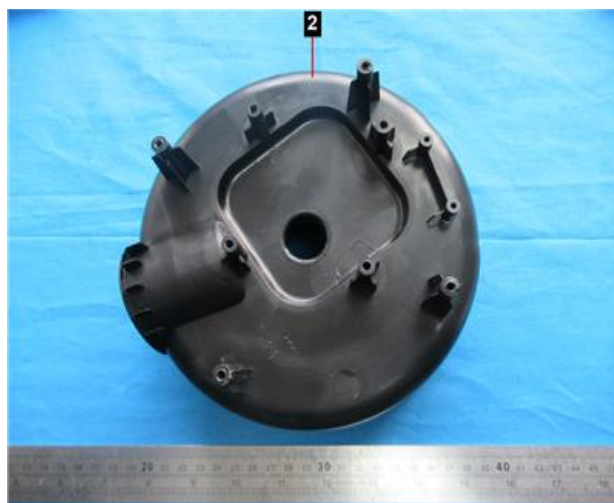
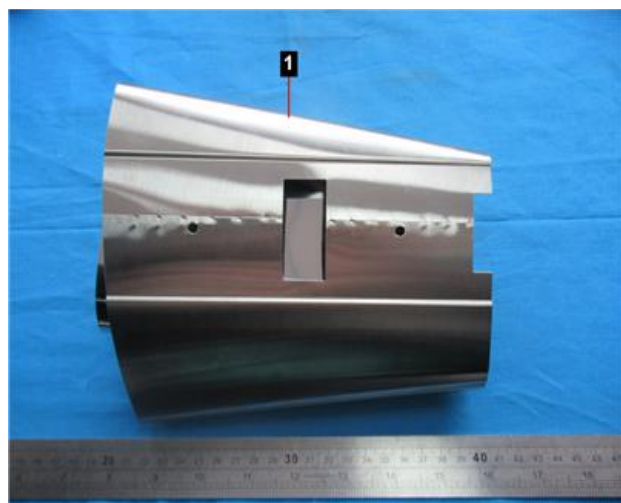
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Date sample received: 2023-02-16

Testing period: 2023-02-16 to 2023-03-06

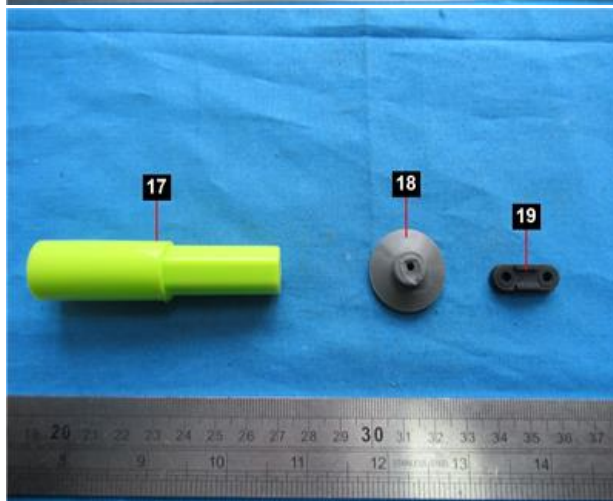
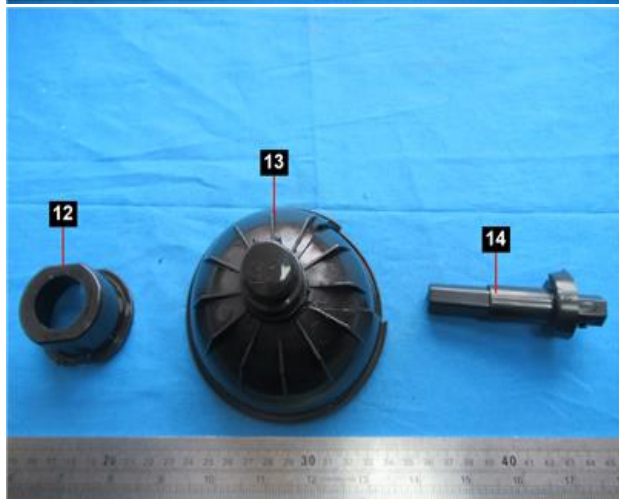
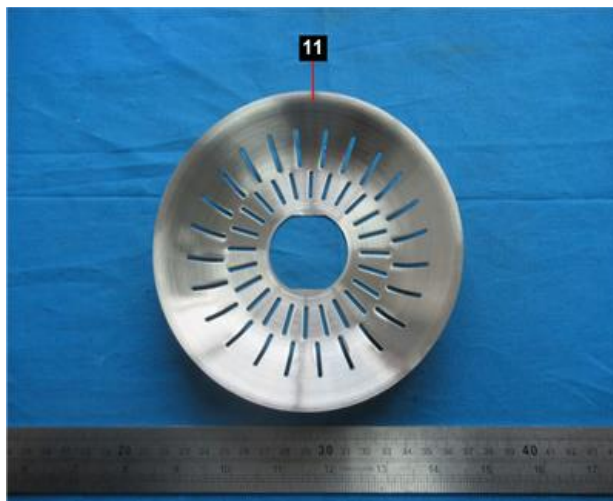
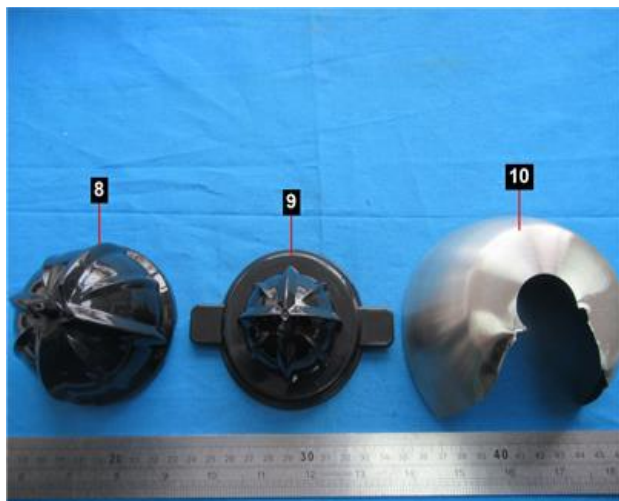
To be continued

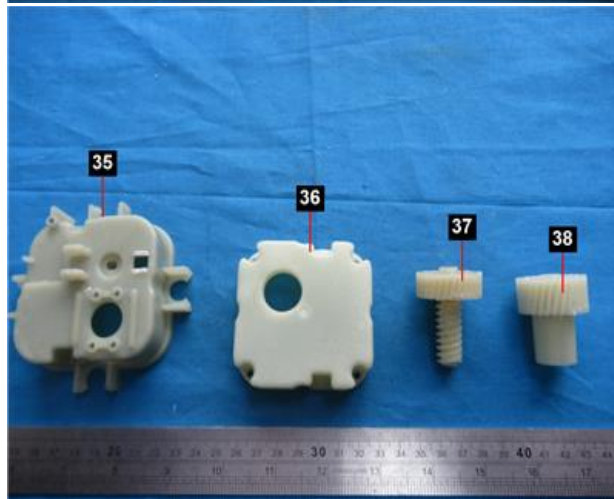
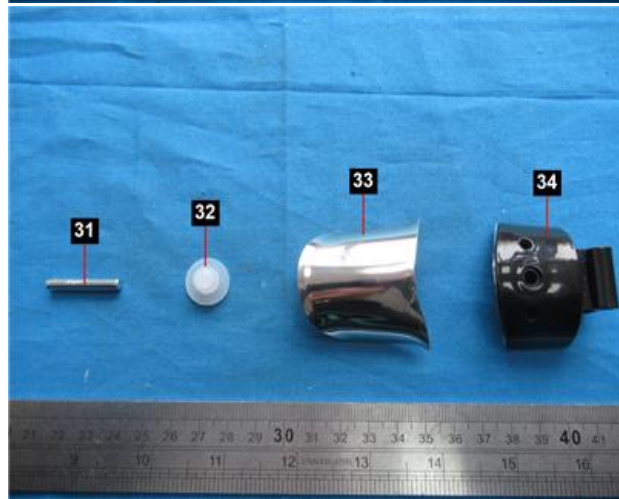
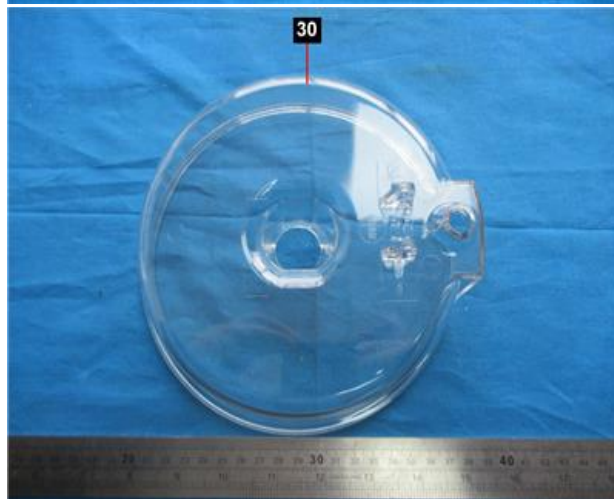
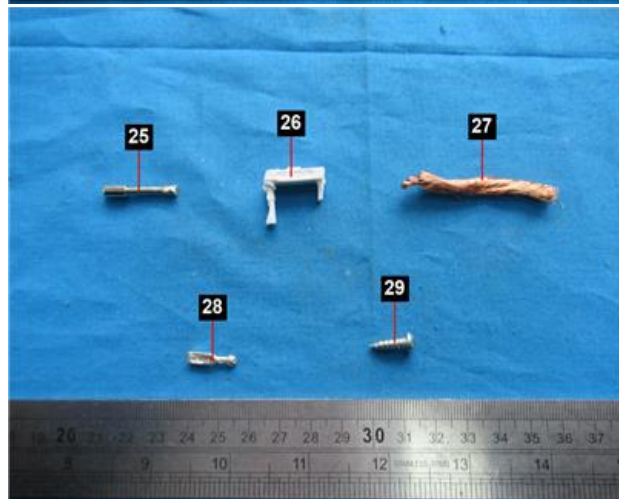
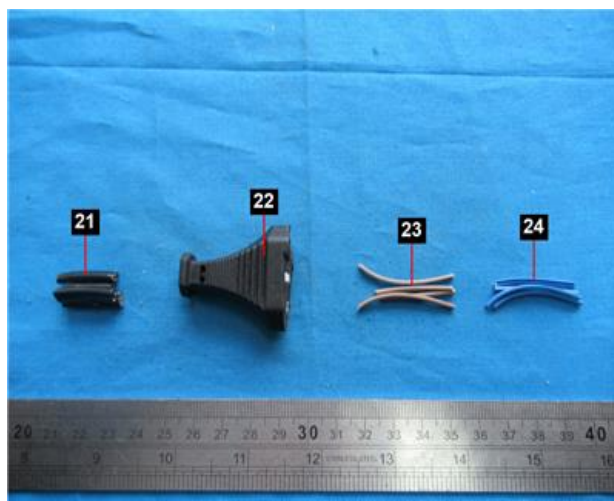
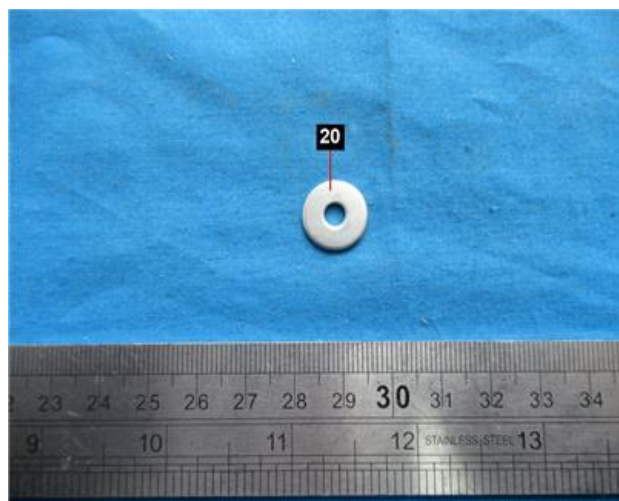
Photo of test components

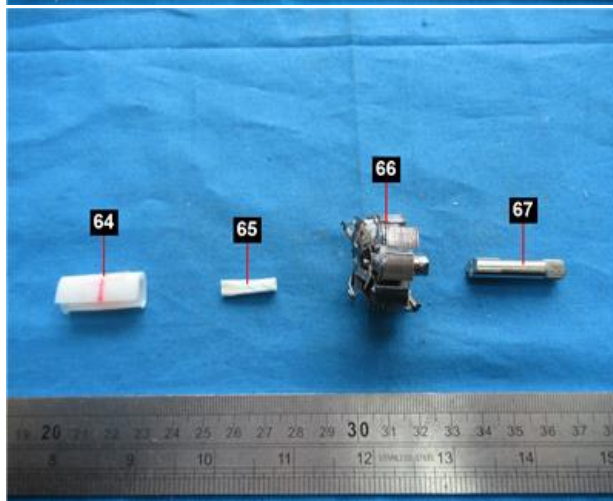
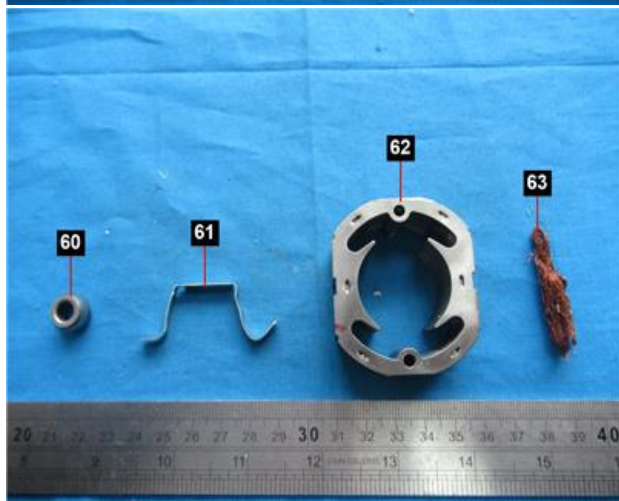
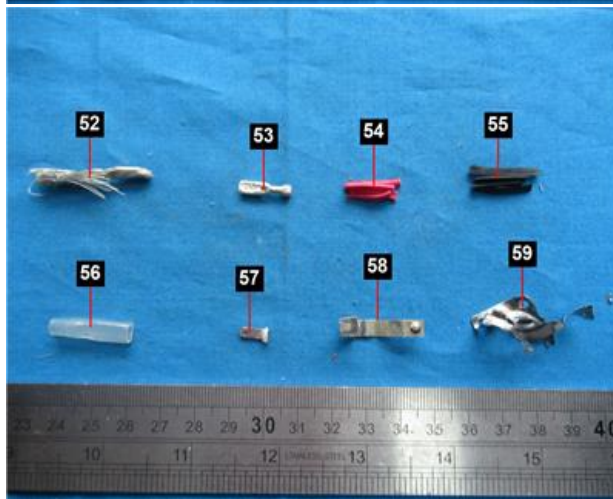
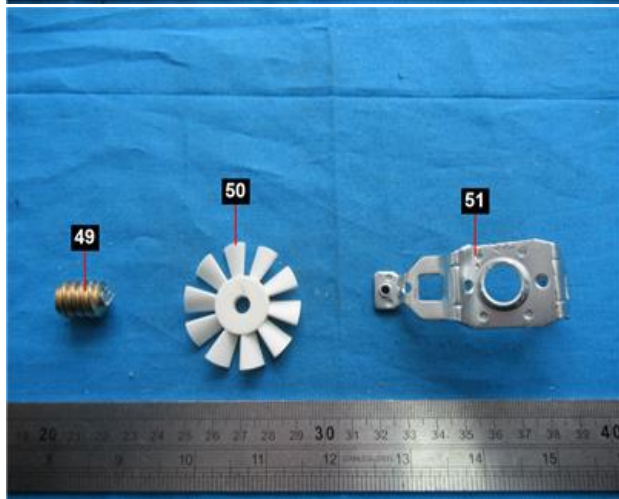
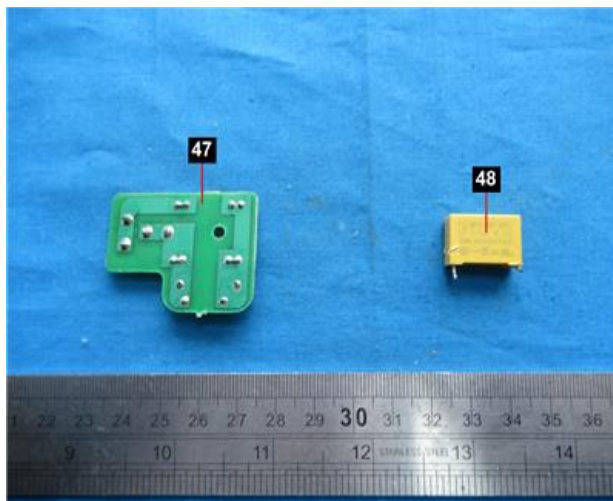
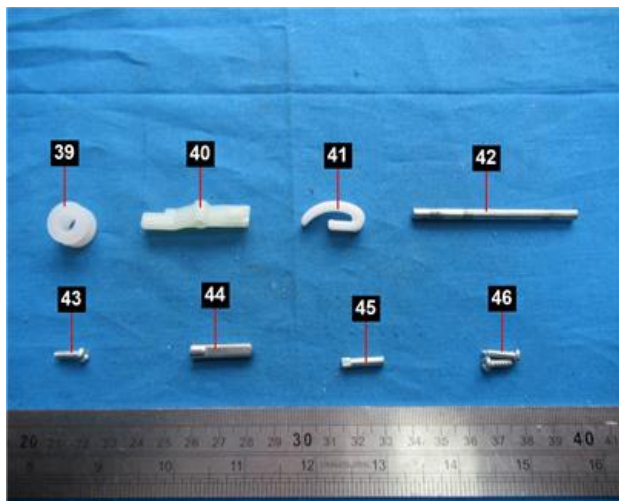


XRF Screening and Chemical Confirmation Test Report

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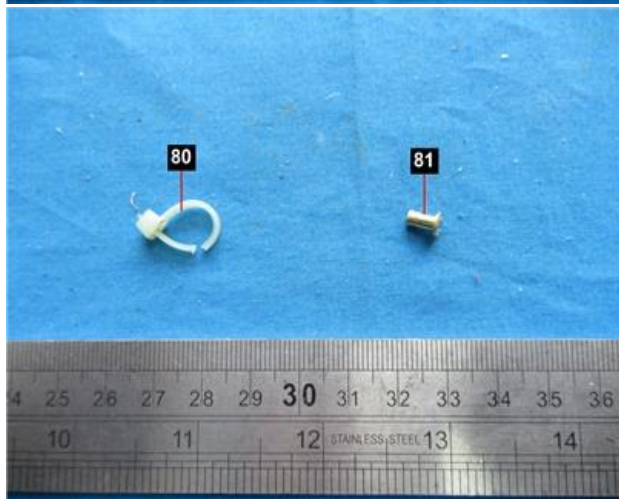
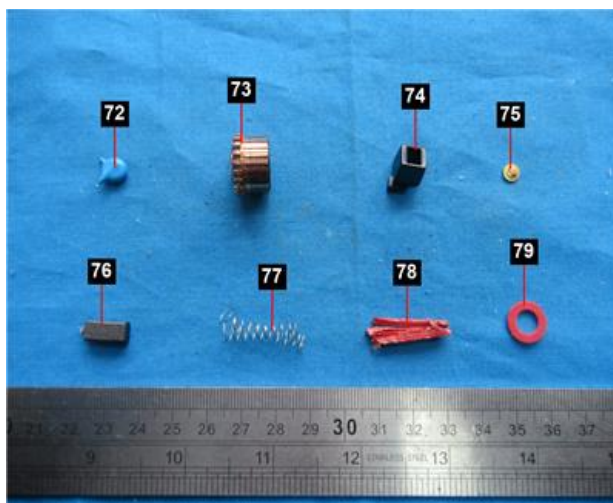
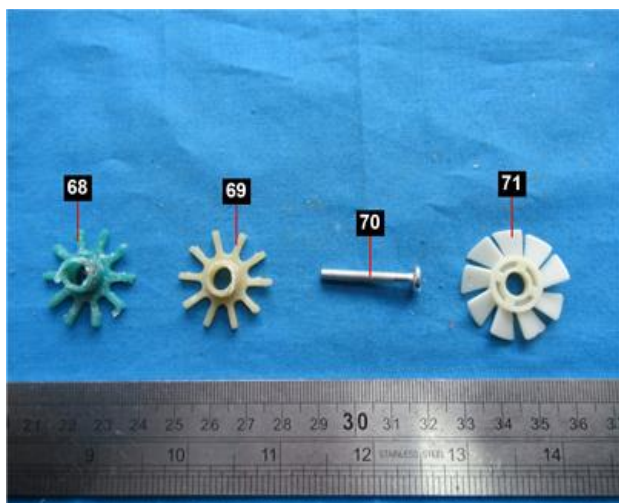


Photo of whole tested product(s)



End of this report

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