



**BUREAU
VERITAS**

TEST REPORT

SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD.

Technical Report: (3223)342-0170

December 25, 2023

Date Received: December 08, 2023

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SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE
CO., LTD.
YUEXIE ROAD, XIAOYUE TOWN, SHANGYU CITY, ZHEJIANG,
CHINA

SAMPLE INFORMATION:

Sample Description:	Ice Maker	Style No.(s):	CB21A, CB21D, CB21E, CB21F, MBBS1, K4024SS, EFIC252, CB22C, CB23H, CB23H-28T, CB23H-S, CB24C, KIM26-followed by up three to eight characters
Sample Status:	INTACT	PO No.:	/
Manufacturer:	/	Country of Origin:	/
Buyer:	/	Country of Destination:	OVERSEAS

Above sample information was provided and confirmed by customers, BV is not responsible for its accuracy or completeness.

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
Compliance Test - Heavy Metals, Flame Retardants Content - 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	PASS
Compliance Test - Phthalate Test – (EU) 2015/863 amending Annex II to Directive 2011/65/EU	PASS

Note: Samples are provided by customers.
The tested part of the sample was specified by client.
The composite testing was performed as per client's request.
The test conclusion was given based on the results of tested part.

Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd.
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This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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REMARK

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

Customer service

Ms.Lulu Zhang/Ms. Ashe Xi
(0574) 87091319/(0574) 87091115
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BUREAU VERITAS TESTING TECHNICAL SERVICE (ZHEJIANG) CO.,LTD

PREPARED BY :

Mary Huang

Mary Huang

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Kobe Chen
LAB SUPERVISOR



Compliance Test - Heavy Metals, Flame Retardants Content - 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

Test Method : See Appendix.

See Analytes and their corresponding Maximum Allowable Limit in Appendix

Parameter			Result					Conclusion
			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-
1	Black soft plastic	Plug	ND	ND	ND	ND	ND	PASS
2	Black plastic	Plug	ND	ND	ND	ND	ND	PASS
3	Silvery metal	Plug	3.09x10 ^{4*}	36.1*	ND	ND	NA	EX [#]
4	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
5	White plastic	Plug	ND	ND	ND	ND	ND	PASS
6	Brown soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
7	Blue soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
8	Yellow with green soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
9	Copper metal wire	Plug	ND	ND	ND	ND	NA	PASS
10	Black metal screw	Plug	ND	ND	ND	ND	NA	PASS
11	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
12	Silver metal screw	Housing	ND*	ND*	ND	ND	NA	PASS
13	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
14	Gray plastic	Housing	ND	ND	ND	ND	ND	PASS
15	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
16	Black sticker	Housing	ND	ND	ND	ND	ND	PASS
17	White rubber	PCB board	ND	ND	ND	ND	ND	PASS
18	Red led	PCB board	ND	ND	ND	ND	ND	PASS
19	Green PCB	PCB board	ND	ND	ND	ND	ND*	PASS
20	Black plastic	PCB board	ND	ND	ND	ND	ND	PASS
21	Diode	PCB board	ND	ND	ND	ND	ND	PASS
22	Green led	PCB board	ND	ND	ND	ND	ND	PASS
23	Yellow soft plastic	Part	ND	ND	ND	ND	ND	PASS
24	White plastic	Part	ND	ND	ND	ND	ND	PASS
25	Silver metal wire	Part	ND	ND	ND	ND	NA	PASS
26	Red soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
27	Green soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
28	Orange soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
29	Blue soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
30	Yellow soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS



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-			Result					Conclusion
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-
31	Brown soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
32	White plastic	Part	ND	ND	ND	ND	ND	PASS
33	White plastic	Part	ND	ND	ND	ND	ND	PASS
34	White plastic	Part	ND	ND	ND	ND	ND	PASS
35	Silvery metal	Part	ND	ND	ND	ND	NA	PASS
36	White plastic	Part	ND	ND	ND	ND	ND	PASS
37	Copper metal	Part	ND	ND	ND	ND	NA	PASS
38	Silvery metal	Part	ND	ND	ND	ND	NA	PASS
39	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
40	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
41	White soft Plastic	Part	ND	ND	ND	ND	ND	PASS
42	Black plastic	Part	ND	ND	ND	ND	ND	PASS
43	White foam	Part	ND	ND	ND	ND	ND	PASS
44	White plastic	Part	ND	ND	ND	ND	ND	PASS
45	White soft Plastic	Part	ND	ND	ND	ND	ND	PASS
46	Beige plastic	Part	ND	ND	ND	ND	ND	PASS
47	White plastic	Part	ND	ND	ND	ND	ND	PASS
48	Silvery metal	Part	ND	ND	ND	ND	NA	PASS
49	Black soft plastic	Part	ND	ND	ND	ND	ND	PASS
50	LED	Part	ND	ND	ND	ND	ND	PASS
51	Silvery metal	Part	ND	ND	ND	ND	NA	PASS
52	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
53	White soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
54	Blue soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
55	Brown soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
56	Red soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
57	Purple soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
58	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
59	LED	Part	ND	ND	ND	ND	ND	PASS
60	Green plastic	Microswitch	ND	ND	ND	ND	ND*	PASS
61	Silvery metal	Microswitch	ND	ND	ND	ND	NA	PASS
62	Black plastic	Microswitch	ND	ND	ND	ND	ND*	PASS
63	White soft Plastic	Part	ND	ND	ND	ND	ND	PASS
64	White plastic	Part	ND	ND	ND	ND	ND	PASS
65	Transparent soft plastic	Part	ND	ND	ND	ND	ND	PASS
66	Red soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
67	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS



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Parameter			Result					Conclusion
			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-
68	White plastic	Part	ND	ND	ND	ND	ND	PASS
69	Silvery metal	Motor	ND	ND	ND	ND	NA	PASS
70	Green soft plastic	Motor	ND	ND	ND	ND	ND	PASS
71	Black metal magnet	Motor	ND	ND	ND	ND	NA	PASS
72	White translucence plastic	Motor	ND	ND	ND	ND	ND	PASS
73	Black plastic	Motor	ND	ND	ND	ND	ND	PASS
74	Blue soft plastic	Motor	ND	ND	ND	ND	ND	PASS
75	Silvery metal	Motor	ND	ND	ND	ND	NA	PASS
76	Silvery metal	Motor	<500	ND	ND	ND	NA	PASS
77	White plastic	Motor	ND	ND	ND	ND	ND	PASS
78	Silvery metal	Motor	ND	ND	ND	ND	NA	PASS
79	Silvery metal	Motor	ND	ND	ND	ND	NA	PASS
80	White plastic	Motor	ND	ND	ND	ND	ND	PASS
81	Pink plastic	Motor	ND	ND	ND	ND	ND	PASS
82	Blue plastic	Motor	ND	ND	ND	ND	ND	PASS
83	Silver sticker	Motor	ND	ND	ND	ND	ND	PASS
84	White plastic	Motor	ND	ND	ND	ND	ND*	PASS
85	White plastic	Motor	ND	ND	ND	ND	ND*	PASS
86	Black soft plastic	Motor	ND	ND	ND	ND	ND	PASS
87	White soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
88	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
89	Black soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND	PASS
90	Black plastic	Fan	ND	ND	ND	ND	ND*	PASS
91	Black plastic	Fan	ND	ND	ND	ND	ND*	PASS
92	Green PCB	PCB board	ND	ND	ND	ND	ND*	PASS
93	Silver metal solder	Solder	ND	ND	ND	ND	NA	PASS
94	Black plastic	PCB board	ND	ND	ND	ND	ND*	PASS
95	Green capacitor	PCB board	ND	ND	ND	ND	ND	PASS
96	Blue resistor	PCB board	ND	ND	ND	ND	ND	PASS
97	Yellow capacitor	PCB board	ND	ND	ND	ND	ND*	PASS
98	Black plastic	PCB board	ND	ND	ND	ND	ND*	PASS
99	Silvery metal	PCB board	ND	ND	ND	ND	NA	PASS
100	Black plastic	Housing	ND	ND	ND	ND	ND	PASS
101	Silver metal gasket	Pedestal	ND	ND	ND	ND	NA	PASS
102	Silver metal screw	Pedestal	ND	ND	ND	ND	NA	PASS
103	Silver metal nut	Pedestal	<500	ND	ND	ND	NA	PASS
104	Black sponge	Compressor	ND	ND	ND	ND	ND	PASS
105	Gold metal	Compressor	2.79x10 ^{4*}	12.5*	ND	ND	NA	EX [#]
106	Silvery metal	Compressor	<500	ND	ND	ND	NA	PASS
107	Silvery metal	Compressor	ND	ND	ND	ND	NA	PASS
108	Black soft plastic	Compressor	ND	ND	ND	ND	ND	PASS
109	Silvery metal	Compressor	ND	ND	ND	ND	NA	PASS



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-			Result					
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	Conclusion
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-
110	Black plastic	Compressor	ND	ND	ND	ND	ND*	PASS
111	Black plastic	Compressor	ND	ND	ND	ND	ND*	PASS
112	White ceramic	Compressor	1.82x10 ^{4*}	ND*	ND	ND	ND	EX [#]
113	Black plastic	Compressor	ND	ND	ND	ND	ND	PASS
114	White plastic	Compressor	ND	ND	ND	ND	ND*	PASS
115	Silvery metal	Compressor	ND	ND	ND	ND	NA	PASS
116	Blue soft plastic wire jacket	Wire jacket	ND	ND	ND	ND	ND*	PASS
117	Black plastic	Compressor	ND	ND	ND	ND	ND	PASS
118	Silvery metal	Compressor	ND*	ND*	ND	ND	NA	PASS
119	Silvery metal	Compressor	ND	ND	ND	ND	NA	PASS
120	Black metal	Compressor	<500	ND	ND	ND	NA	PASS

Note / Key :

ND = Not detected

NR = Not requested

Detection Limit: See Appendix.

">" = Greater than

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

NA = Not applicable

"<" = Less than

EX= Exempted

Remark :

- The testing approach is listed in table of Appendix.
- * denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to European Parliament and Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- For item 3、105:
#According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 6(c) is reiterated here "Copper alloy containing up to 4 % lead by weight.". Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.
- For item 112:
#According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 7(c)-I is reiterated here "Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.". Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.



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TEST RESULT

Compliance Test - Phthalate Test – (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : Reference to IEC 62321-8: 2017.

Maximum Allowable Limit : 0.1% (Each)

Parameter	CAS No.	Unit	MDL	Result			
				1+2+4	5+6+7+8	11+13+14	15+16
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				17+18+19	20+21+22	23+24+26	27+28+29
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				30+31	32+33	34+36+39	35
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				40+41+42	43+44+45	46+47+49	50+52
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS



Parameter	CAS No.	Unit	MDL	Result			
				53+54+55	56+57+58	59+60+62	63+64+65
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				66+67+68	70+72+73	74+77+78	81+82+83
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				84+85+86	87+88+89	90+91+92	94+95+96+97+98
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Parameter	CAS No.	Unit	MDL	Result			
				100+104	108	110+111+112+113+114	116+117
Dibutyl phthalate (DBP)	84-74-2	%	0.005	ND	ND	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	ND	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

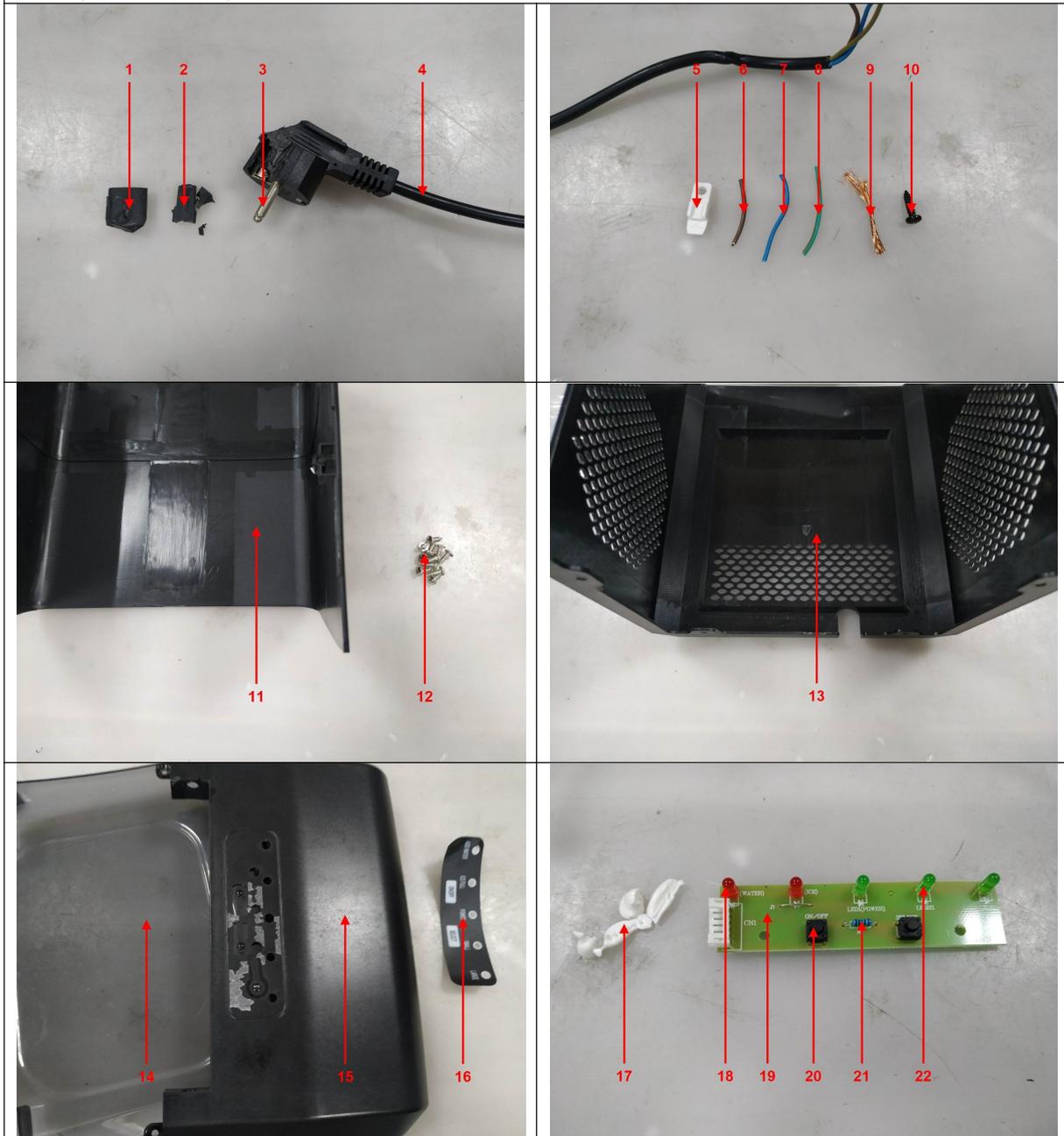
Note: mg/kg= milligram per kilogram % = percentage 1 mg/kg = 0.0001%
 MDL = Method Detection Limit ND = Not Detected (< MDL) “-“ = Not Regulated



Comment :

Photograph(s) [Compliance Test for European Parliament and Council Directive 2011/65/EU] :

Photograph depicting Test Item(s)





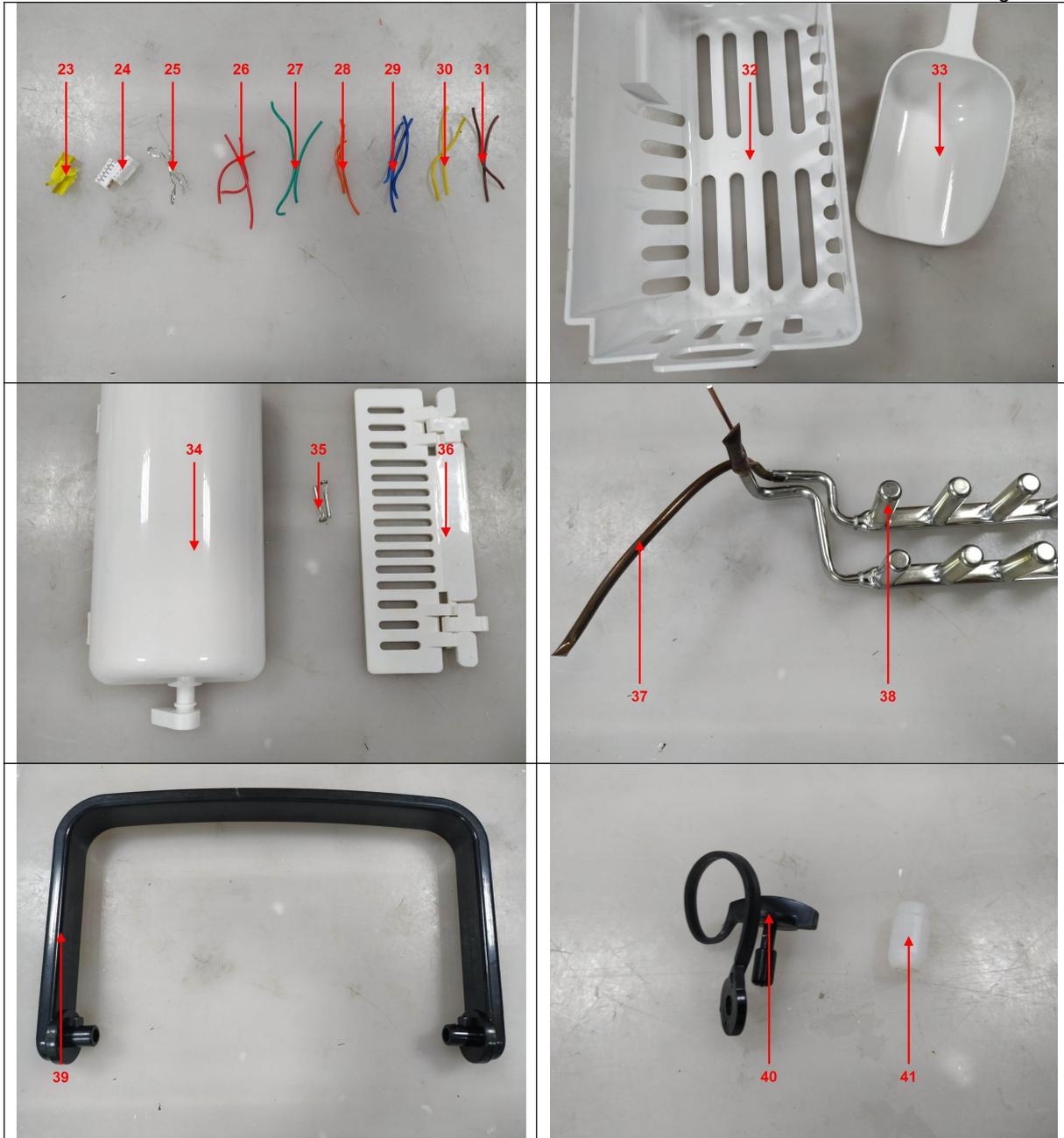
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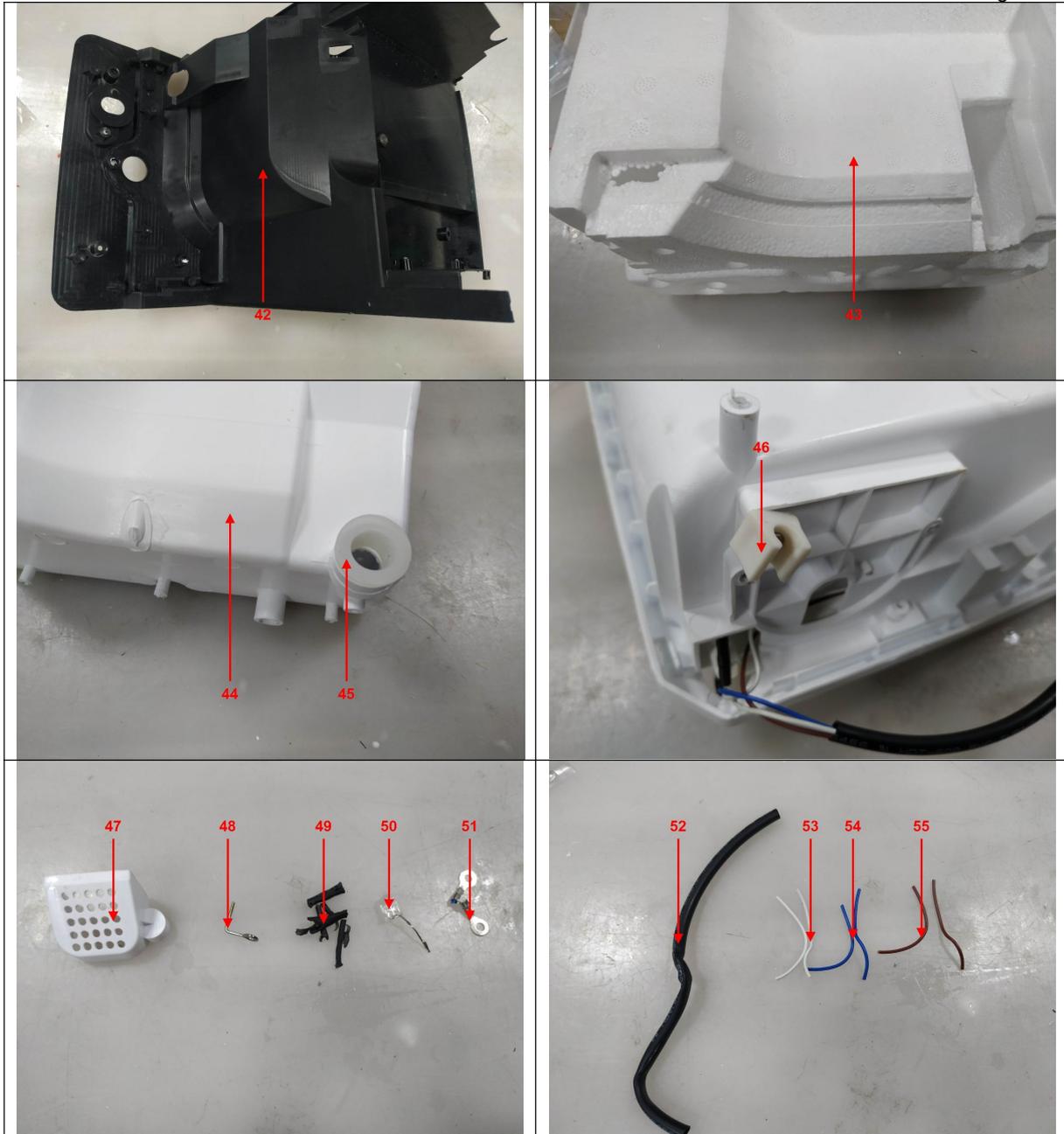
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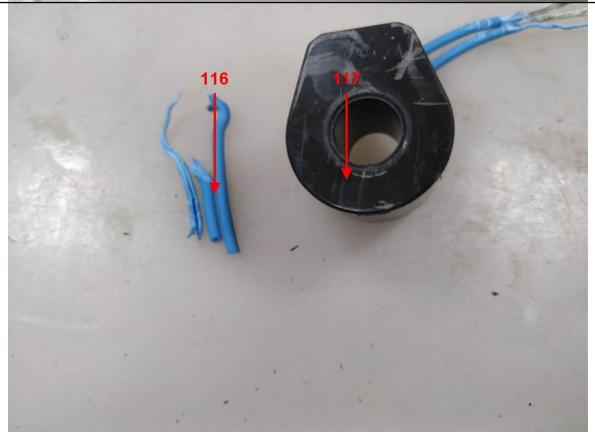
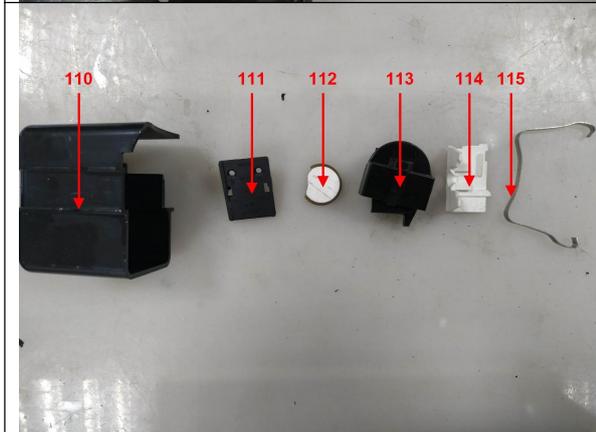
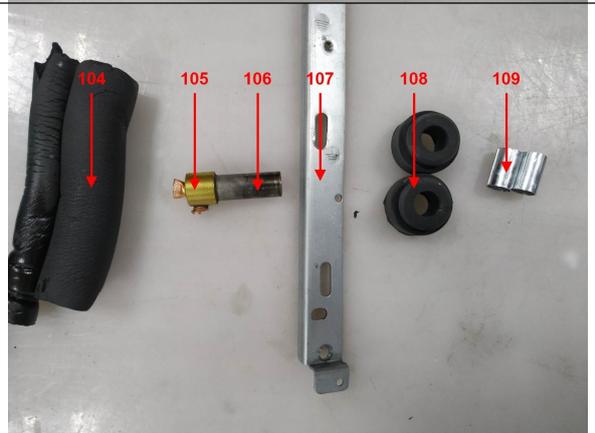
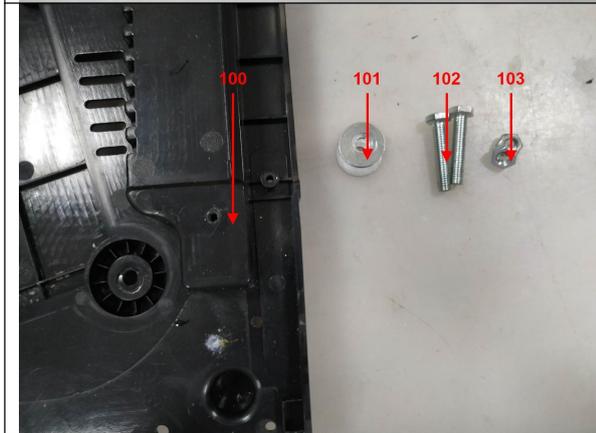
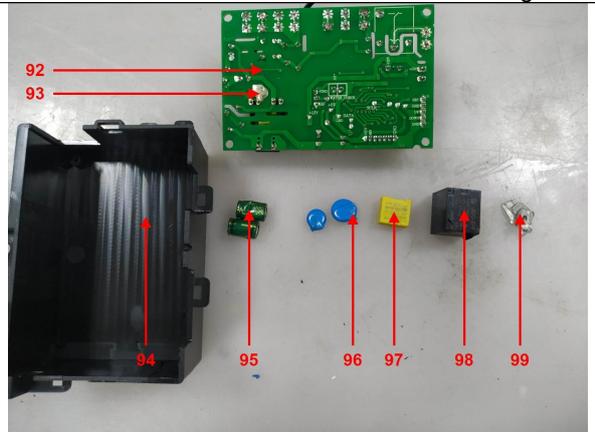
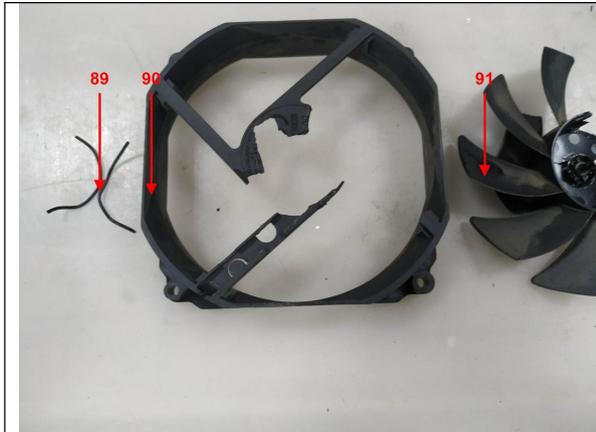
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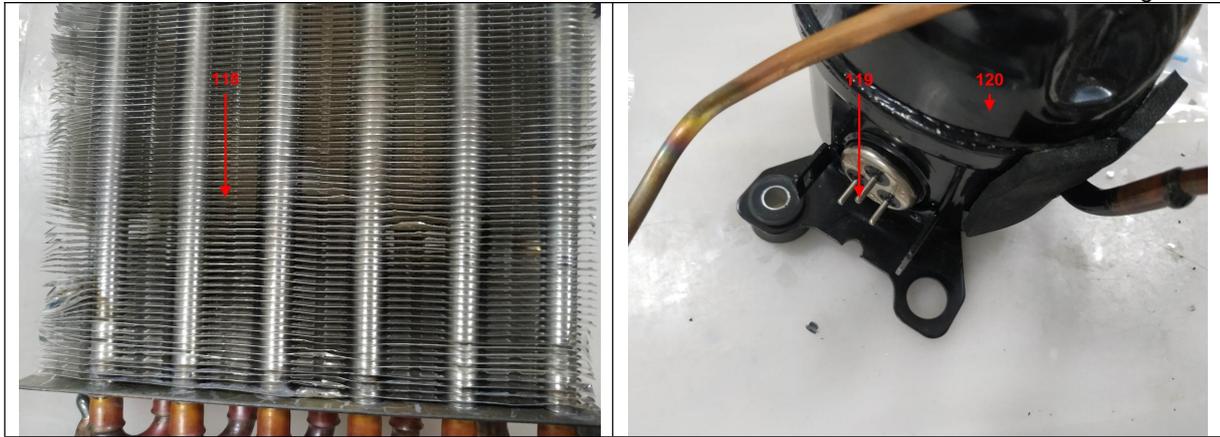
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APPENDIX

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] :

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]	1 000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1 000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See ^[e, i]	1 000 / Negative ^[j]
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 1 000
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 1 000

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: 2017.

^[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).

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: 2021
- 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)



**BUREAU
VERITAS**

SHAOXING SHANGYU NORTH ELECTRON MANUFACTURE CO., LTD.

Technical Report: **(3223)342-0170**

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SAMPLE REFERENCE PHOTO:



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