TEST REPORT

Applicant	:	**Suzhou AnLaiQiang Electronic Technology Co., LTD**
Address	:	**North of the fourth floor of plant 4 #, No. 599, Taishan Road, Suzhou High tech Zone**

Report on the submitted samples said to be:

Sample Name(s)	:	**DC Contactor**
Trade Mark	:	**N/A**
Tested Model No.	:	**EVC7A Series**
Sample Received Date	:	**July 9, 2026**
Testing Period	:	**July 9, 2026 ~ July 15, 2026**
Date of Report	:	**July 16, 2026**
Testing Location	:	**101-106, 202-206, Building 037, No. 166, Jinghua Road, Ningbo High-tech Zone, Yinzhou District, Ningbo City, Zhejiang Province, China**
Results	:	**Please refer to next page(s).**

Signed for and on behalf of Xuntong

Ningbo Xuntong Standard Technology Service Co., Ltd. APPROVED Miranda Mo

Miranda Mo /Laboratory Manager

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TEST REQUEST	CONCLUSION
As specified by client, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butylbenzyl Phthalate(BBP), Di-2-ethylhexyl Phthalate(DEHP) and Diisobutyl phthalate(DIBP) content comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.	**PASS**

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Results:

A. EU RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

Test method: IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

Sample No.	Sample Description	Results						Date of sample submission/ Resubmission
		Cd	Pb	Hg	Cr▼	Br▼		
						PBBs	PBDEs	
1	Transparent tape	BL	BL	BL	BL	BL	BL	2026-07-09
2	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
3	Grey plastic	BL	BL	BL	BL	BL	BL	2026-07-09
4	Black plastic	BL	BL	BL	BL	BL	BL	2026-07-09
5	Yellow plastic film	BL	BL	BL	BL	BL	BL	2026-07-09
6	Metal soldering	OL	BL	BL	BL	/	/	2026-07-09
7	White plastic	BL	BL	BL	BL	BL	BL	2026-07-09
8	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
9	Copper colored metal wire	OL	BL	BL	BL	/	/	2026-07-09
10	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
11	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
12	White plastic	BL	BL	BL	BL	BL	BL	2026-07-09
13	White plastic	BL	BL	BL	BL	BL	BL	2026-07-09
14	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
15	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
16	Bronze metal	BL	BL	BL	BL	/	/	2026-07-09
17	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
18	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
19	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
20	Silver metal magnet	BL	BL	BL	BL	/	/	2026-07-09
21	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
22	Silver metal spring	BL	BL	BL	BL	/	/	2026-07-09
23	Silver metal spring	BL	BL	BL	BL	/	/	2026-07-09
24	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
25	Silver metal	BL	BL	BL	BL	/	/	2026-07-09
26	Silver metal nails	BL	BL	BL	BL	/	/	2026-07-09

Note:

1. Results were obtained by XRF for primary screening, and further chemical testing by ICP(for Cd, Pb, Hg), UV-Vis(for Cr(VI)) and GC-MS(for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013(Unit: mg/kg).

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Element	Polymers	Metals	Composite material
Cd	BL≤(70-3σ)<X<(130+3σ)≤OL	BL≤(70-3σ)<X<(130+3σ)≤OL	LOD<X<(150+3σ)≤OL
Pb	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL
Cr	BL≤(700-3σ)<X	BL≤(700-3σ)<X	BL≤(500-3σ)<X
Br	BL≤(300-3σ)<X	N/A	BL≤(250-3σ)<X

Remark:

- BL= Below Limit
- OL= Over Limit
- X= The range of needing to do further testing
- N/A= Not applicable
- LOD= Detection limit

2. The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
3. The maximum permissible limit is quoted from the document RoHS Directive 2011/65/EU with amendment (EU) 2015/863.
4. ▼=For restricted substances PBBs and PBDEs, the results show the total Br content, the restricted substance was Cr(VI), and the results showed the total Cr content.

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium(Cd)	100
Lead(Pb)	1000
Mercury(Hg)	1000
Hexavalent Chromium(Cr(VI))	1000
Polybrominated biphenyls(PBBs)	1000
Polybrominated diphenylethers(PBDEs)	1000
Dibutyl Phthalate(DBP)	1000
Butylbenzyl Phthalate(BBP)	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	1000
Diisobutyl phthalate(DIBP)	1000

Disclaimers:

This XRF Screening 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 report is sufficient for its/his/her purposes. The result shown in this XRF screening 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 are required to obtain quantitative data.

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B. EU RoHS Directive 2011/65/EU with amendment (EU) 2015/863 on Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, DBP, BBP, DEHP & DIBP content

Test method:

Lead(Pb) & Cadmium(Cd) Content:

IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES).

Phthalates(DBP, BBP, DEHP &DIBP) Content:

IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

1) The test results of Lead(Pb) & Cadmium(Cd)

Tested Items	MDL (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		6	9	
Cadmium(Cd) Content	5	N.D.	N.D.	100

2) The test results of Phthalates(DBP, BBP, DEHP &DIBP)

Tested Items	MDL (mg/kg)	Results (mg/kg)				Limit (mg/kg)
		1	3	4	5	
Dibutyl Phthalate(DBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000

Tested Items	MDL (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		7	12	13	
Dibutyl Phthalate(DBP) Content	50	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	N.D.	N.D.	1000

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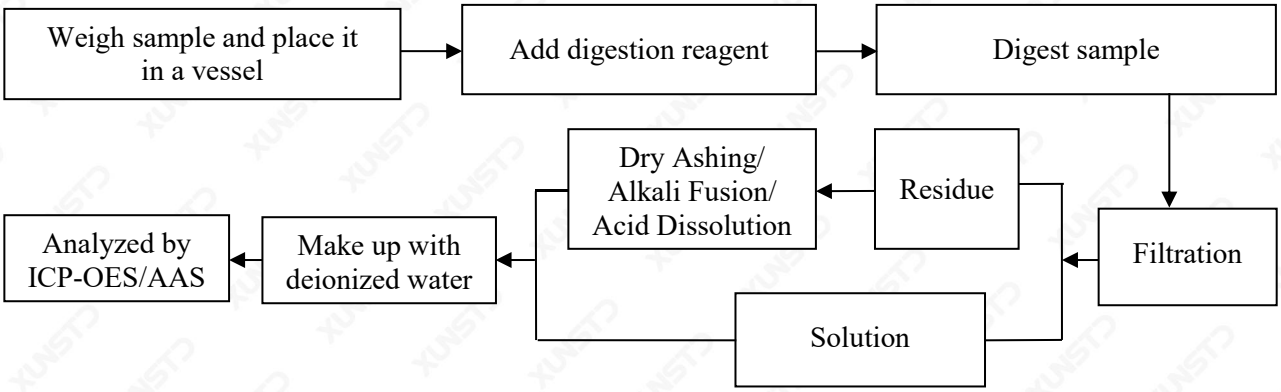
Note:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL or LOQ)
- mg/kg = milligrams per kilogram
- LOQ = Limit Of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm^2
- ★ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13μg/cm^2. The sample coating is considered to contain Cr(VI).
  b. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than 0.10μg/cm^2). The sample coating is considered a non- Cr(VI) based coating.
  c. The result between 0.10μg/cm^2 and 0.13μg/cm^2 is considered to be inconclusive, unavoidable coating variations may influence the determination.
- Information on storage conditions and production date of the tested samples is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.
- According to customer's requirement, only the appointed materials have been tested.

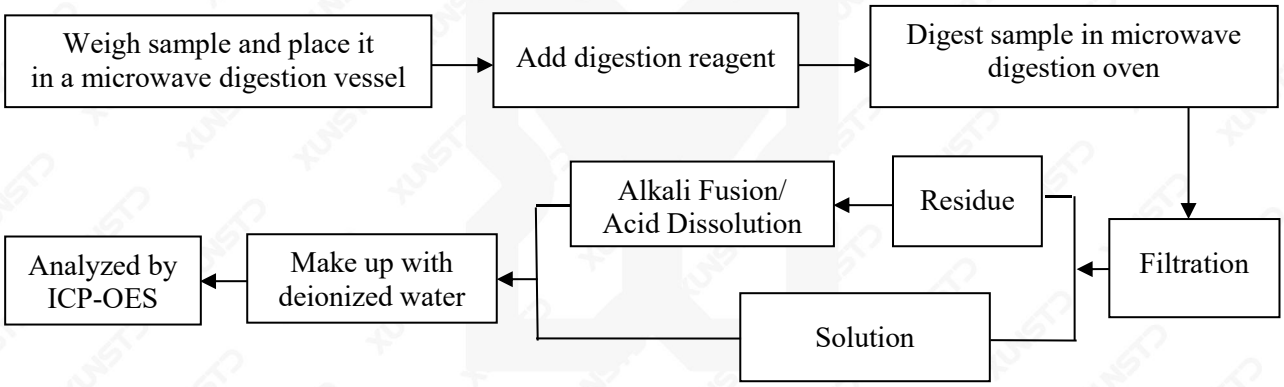
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Test Process

1. Lead(Pb) & Cadmium(Cd) : IEC 62321-5:2013

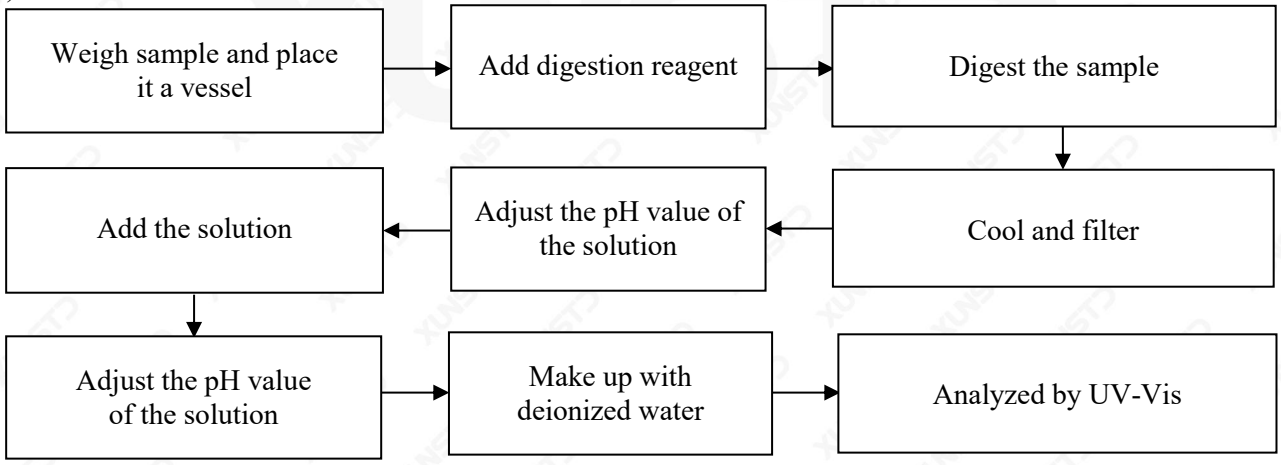


2. Mercury(Hg): IEC 62321-4:2013+AMD1:2017 CSV



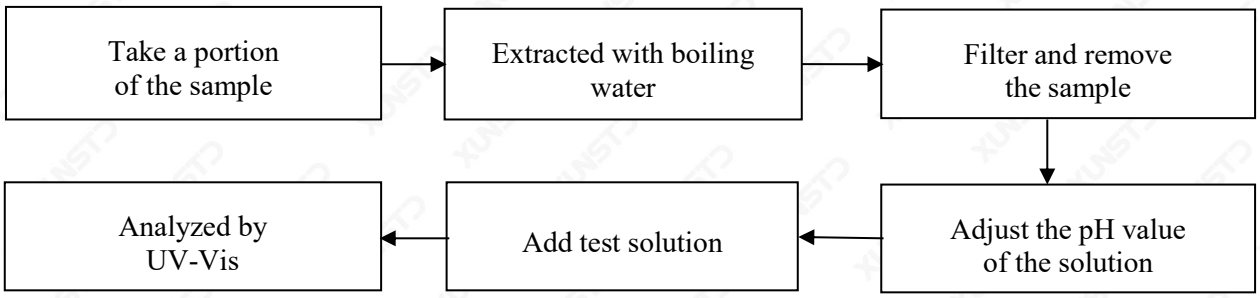
3. Hexavalent Chromium(Cr(VI))

1) Non-metal:IEC 62321-7-2:2017

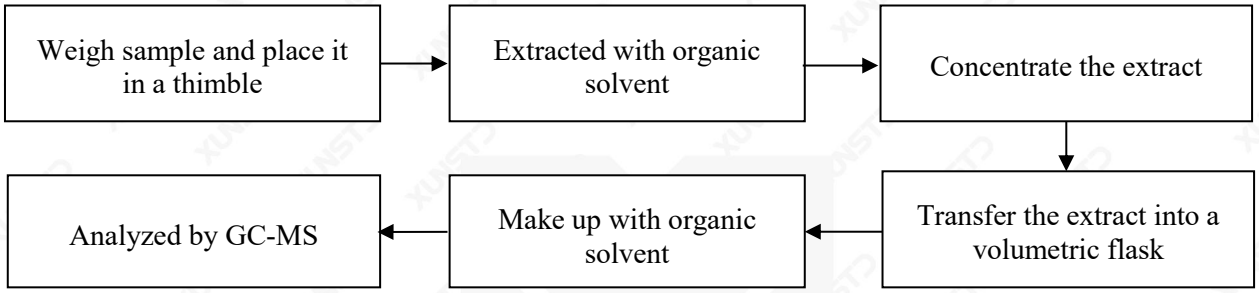


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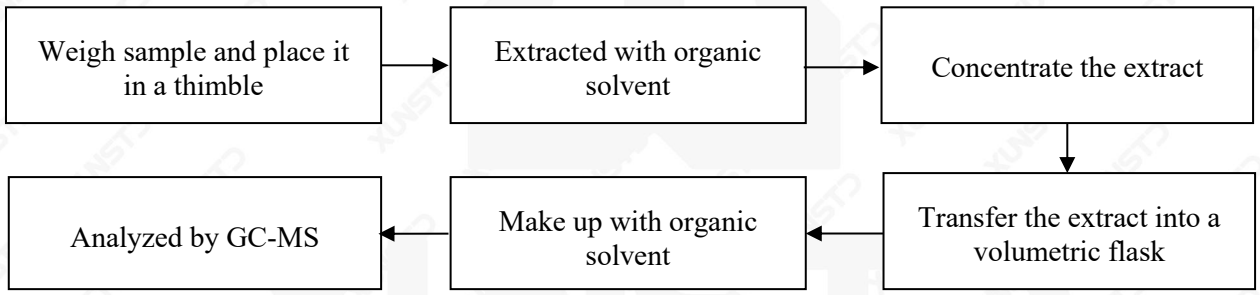
2) Metal:IEC 62321-7-1:2015



4. Polybrominated Biphenyls(PBBs) & Polybrominated Diphenyl Ethers(PBDEs) : IEC 62321-6:2015

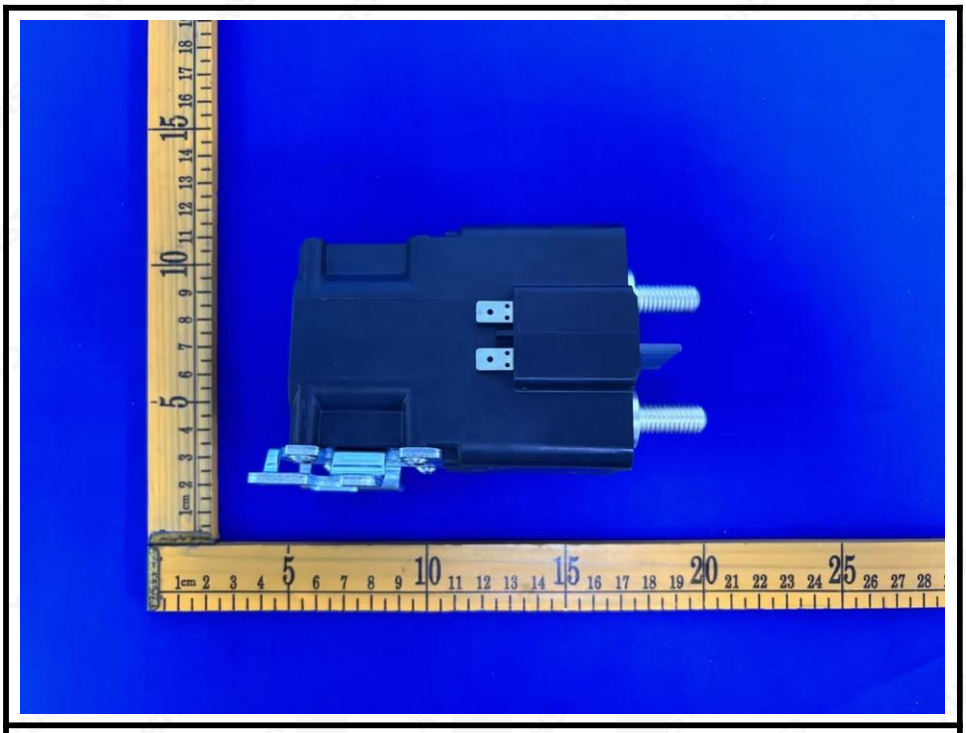


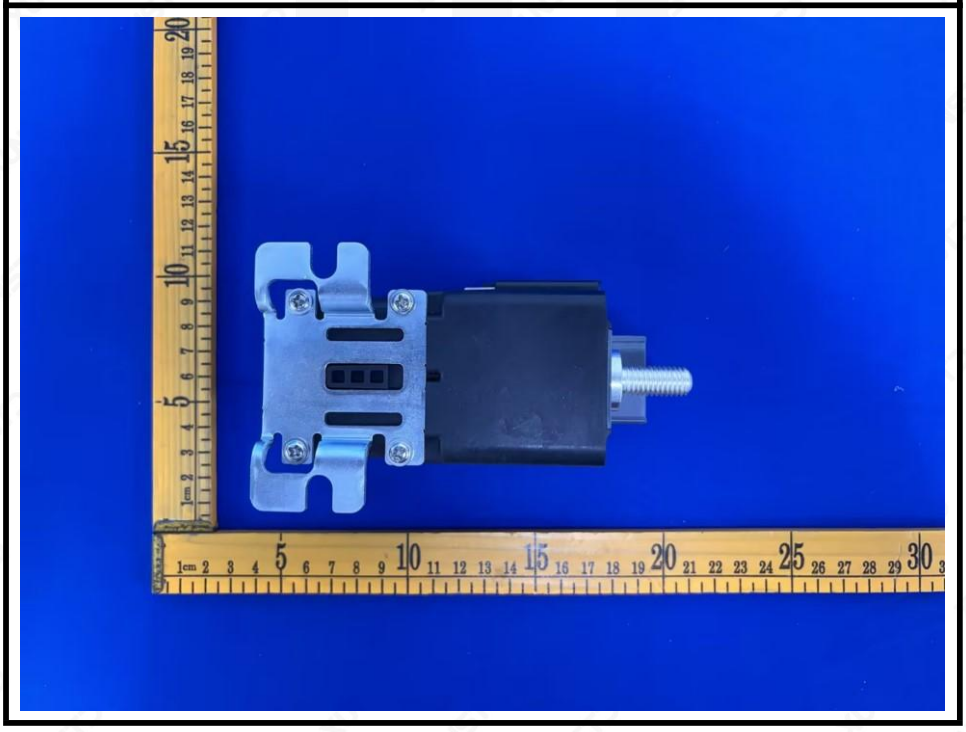
5. Phthalates(DBP, BBP, DEHP & DIBP) : IEC 62321-8:2017



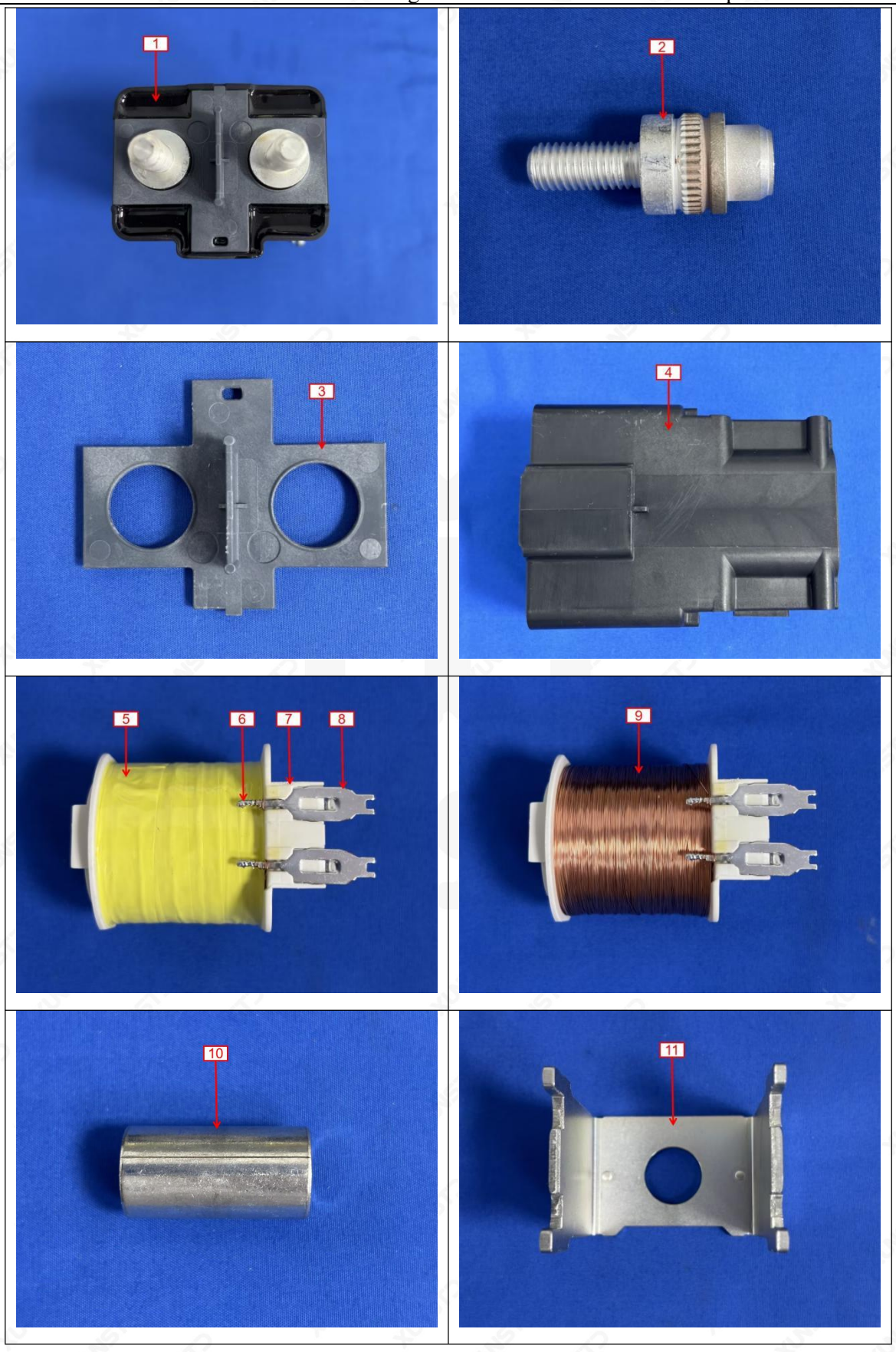
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The photo(s) of the sample

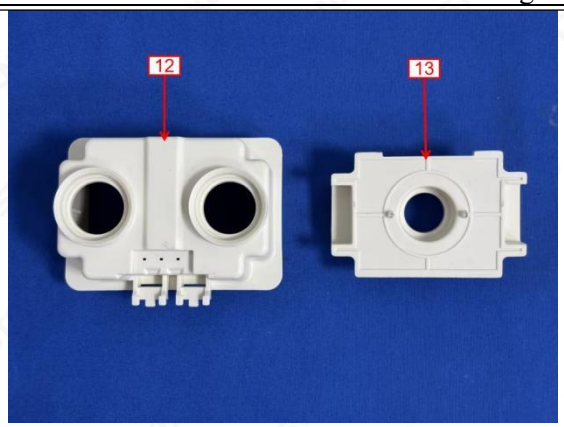


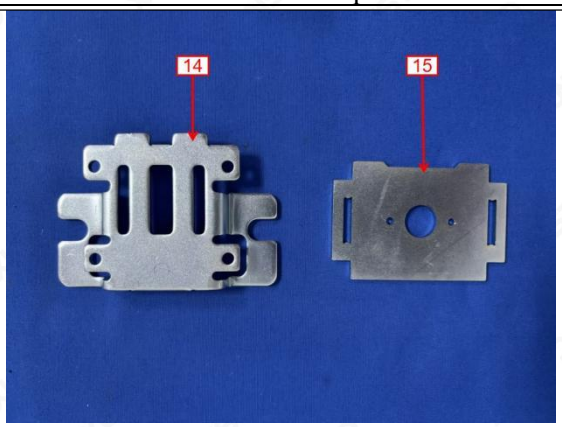


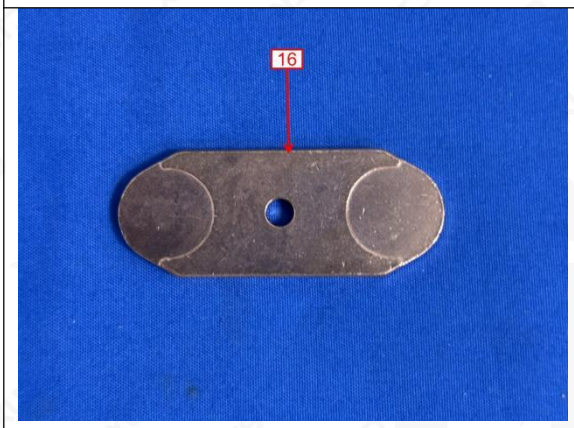
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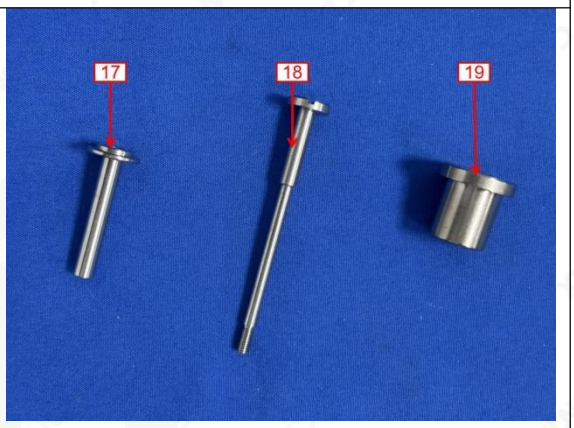


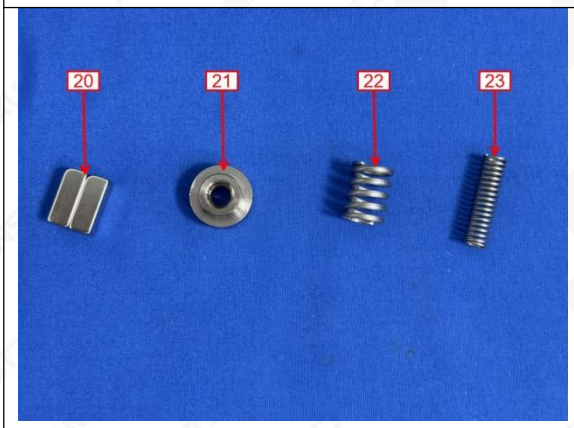
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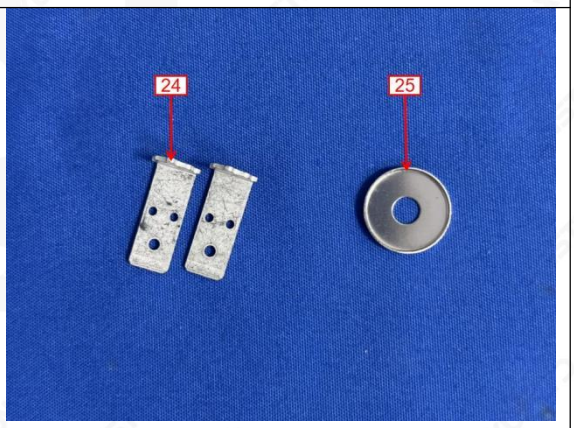


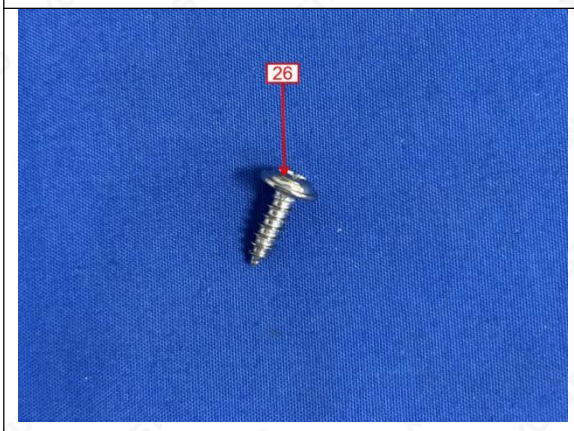












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Statement:

1. The report does not have the "inspection and testing special seal" or the official seal of the testing unit is invalid;
2. The company name, address and sample information shown on the report were provided by the applicant who should be responsible for the authenticity which are not verified by Xuntong;
3. The test results in this report are only responsible for the tested samples;
4. Without written approval of Xuntong, this report can't be reproduced except in full;
5. In case of any discrepancy between the corresponding Chinese and English contents in the test report, the Chinese version shall prevail.

*** End of Report ***

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