

Report No.: 18300RC20307101

# Test Report

**Client Name** : EcoFlow Inc.

**Client Address** : Plant A202, Founder Technology Industrial  
Park, Shiyan Sub-district, Bao'an District  
Shenzhen, Guangdong 518000 China

**Product Name** : Portable Power Station

**Report Date** : July 04, 2022

**Shenzhen Anbotech Compliance Laboratory Limited**



**Shenzhen Anbotech Compliance Laboratory Limited**

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**Applicant** : EcoFlow Inc.**Address** : Plant A202, Founder Technology Industrial Park, Shiyan Sub-district,  
Bao'an District Shenzhen, Guangdong 518000 China**The submitted sample and sample information was/were submitted and identified by/on the behalf of the client****Sample Name** : Portable Power Station**Test Model No.** : EFD330-EB**Manufacturer** : EcoFlow Inc.**Trade Mark** : ECOFLOW**Country of Destination** : Europe**Sample Received Date** : May 26, 2022; June 16, 2022**Testing Period** : May 27, 2022 to June 07, 2022;  
June 17, 2022 to July 04, 2022**Test Requested** : As specified by client, to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Diisobutyl phthalate (DIBP), Dibutyl phthalate(DBP), Benzyl butyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) in the selected material of submitted sample in accordance with the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863 with effective from 22 July 2019.**Test Method:** Please refer to the following page(s).**Test Result(s):** Please refer to the following page(s).

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Fukien

Authorized Signatory

Carlson

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## Test Method:

### A. XRF Screening Test

XRF screening limits in mg/kg for regulated elements according to IEC 62321-3-1:2013.

| Element | Limit of IEC 62321-3-1:2013 Unit (mg/kg)             |  |  |
|---------|--|--|--|
|         | Polymers   | Metals   | Composite material                                   |
| Cd      | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$   | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$   | $LOD < X < (150+3\sigma) \leq OL$                    |
| Pb      | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ |
| Hg      | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ |
| Br      | $BL \leq (300-3\sigma) < X$                          | N.A.   | $BL \leq (250-3\sigma) < X$                          |
| Cr      | $BL \leq (700-3\sigma) < X$                          | $BL \leq (700-3\sigma) < X$                          | $BL \leq (500-3\sigma) < X$                          |

### Note:

-N.A. = Not Applicable

-BL = Under the XRF screening limit

-OL = Further chemical test will be conducted while result is above the screening limit

-X= The symbol "X" marks the region where further investigation is necessary

-3σ= The reproducibility of analytical instruments

-LOD= Detection limit

### B. Chemical Test

| Test Item(s)                           | Test Method                | Measured Equipment(s) | MDL                    | Limit      |
|--|----------------------------|-----------------------|------------------------|------------|
| Lead (Pb)                              | IEC 62321-5:2013           | ICP-OES               | 2 mg/kg                | 1000 mg/kg |
| Cadmium (Cd)                           | IEC 62321-5:2013           |                       | 2 mg/kg                | 100 mg/kg  |
| Mercury (Hg)                           | IEC 62321-4:2013+AMD1:2017 |                       | 2 mg/kg                | 1000 mg/kg |
| Hexavalent Chromium Cr(VI)             | IEC 62321-7-1:2015         | UV-VIS                | 0.10μg/cm <sup>2</sup> | ---        |
|  | IEC 62321-7-2:2017         |                       | 8 mg/kg                | 1000 mg/kg |
| Polybrominated Biphenyls (PBBs)        | IEC 62321-6:2015           | GC-MS                 | 5 mg/kg                | 1000 mg/kg |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321-6:2015           |                       | 5 mg/kg                | 1000 mg/kg |
| Phthalates (DIBP, DBP, BBP, DEHP)      | IEC 62321-8:2017           |                       | 50 mg/kg               | 1000 mg/kg |





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## Test Results:

| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 1          | Gray plastic sheet | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
| 2          | Grey plastic cover | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
| 3          | Grey plastic shell | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
|            |                    | Pb             | BL                              | /                          |            |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description  | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|---------------------|----------------|---------------------------------|----------------------------|------------|
| 4          | Black rubber sheet  | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |
| 5          | Black plastic shell | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |
| 6          | Black label paper   | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description        | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|---------------------------|----------------|---------------------------------|----------------------------|------------|
| 7          | Black rubber foot pad     | Pb             | BL                              | /                          | PASS       |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                           | DBP            | N.A.                            | N.D.                       |            |
|            |                           | BBP            | N.A.                            | N.D.                       |            |
|            |                           | DEHP           | N.A.                            | N.D.                       |            |
|            |                           | DIBP           | N.A.                            | N.D.                       |            |
| 8          | Copper-colored metal pin  | Pb             | OL                              | 34310*                     | PASS       |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                           | DBP            | N.A.                            | /                          |            |
|            |                           | BBP            | N.A.                            | /                          |            |
|            |                           | DEHP           | N.A.                            | /                          |            |
|            |                           | DIBP           | N.A.                            | /                          |            |
| 9          | Transparent plastic sheet | Pb             | BL                              | /                          | PASS       |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                           | DBP            | N.A.                            | N.D.                       |            |
|            |                           | BBP            | N.A.                            | N.D.                       |            |
|            |                           | DEHP           | N.A.                            | N.D.                       |            |
|            |                           | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description   | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 10         | Brown plastic button | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 11         | Black plastic sheet  | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 12         | Silvery metal pin    | Pb             | OL                              | 17430*                     | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                      | DBP            | N.A.                            | /                          |            |
|            |                      | BBP            | N.A.                            | /                          |            |
|            |                      | DEHP           | N.A.                            | /                          |            |
|            |                      | DIBP           | N.A.                            | /                          |            |



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| Sample No. | Sample Description       | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------------|----------------|---------------------------------|----------------------------|------------|
| 13         | Copper-colored metal pin | Pb             | OL                              | 18430*                     | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                          | DBP            | N.A.                            | /                          |            |
|            |                          | BBP            | N.A.                            | /                          |            |
|            |                          | DEHP           | N.A.                            | /                          |            |
|            |                          | DIBP           | N.A.                            | /                          |            |
| 14         | Black plastic block      | Pb             | BL                              | /                          | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                          | DBP            | N.A.                            | N.D.                       |            |
|            |                          | BBP            | N.A.                            | N.D.                       |            |
|            |                          | DEHP           | N.A.                            | N.D.                       |            |
|            |                          | DIBP           | N.A.                            | N.D.                       |            |
| 15         | White plastic plug       | Pb             | BL                              | /                          | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                          | DBP            | N.A.                            | N.D.                       |            |
|            |                          | BBP            | N.A.                            | N.D.                       |            |
|            |                          | DEHP           | N.A.                            | N.D.                       |            |
|            |                          | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description       | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------------|----------------|---------------------------------|----------------------------|------------|
| 16         | White plastic jacket     | Pb             | BL                              | /                          | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                          | DBP            | N.A.                            | N.D.                       |            |
|            |                          | BBP            | N.A.                            | N.D.                       |            |
|            |                          | DEHP           | N.A.                            | N.D.                       |            |
|            |                          | DIBP           | N.A.                            | N.D.                       |            |
| 17         | Black heat shrink sleeve | Pb             | BL                              | /                          | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                          | DBP            | N.A.                            | N.D.                       |            |
|            |                          | BBP            | N.A.                            | N.D.                       |            |
|            |                          | DEHP           | N.A.                            | N.D.                       |            |
|            |                          | DIBP           | N.A.                            | N.D.                       |            |
| 18         | LED                      | Pb             | BL                              | /                          | PASS       |
|            |                          | Cd             | BL                              | /                          |            |
|            |                          | Hg             | BL                              | /                          |            |
|            |                          | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                          | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                          | DBP            | N.A.                            | N.D.                       |            |
|            |                          | BBP            | N.A.                            | N.D.                       |            |
|            |                          | DEHP           | N.A.                            | N.D.                       |            |
|            |                          | DIBP           | N.A.                            | N.D.                       |            |



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|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 19         | Beige plastic socket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 20         | Black plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 21         | IC                   | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 22         | Chip resistor      | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | X                               | N.D.                       |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 23         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 24         | Yellow FPC         | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description        | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|---------------------------|----------------|---------------------------------|----------------------------|------------|
| 25         | Black foam block          | Pb             | BL                              | /                          | PASS       |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | X                               | N.D.                       |            |
|            |                           | DBP            | N.A.                            | N.D.                       |            |
|            |                           | BBP            | N.A.                            | N.D.                       |            |
|            |                           | DEHP           | N.A.                            | 353                        |            |
| 26         | Black glass sheet         | DIBP           | N.A.                            | N.D.                       | PASS       |
|            |                           | Pb             | BL                              | /                          |            |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                           | DBP            | N.A.                            | N.D.                       |            |
|            |                           | BBP            | N.A.                            | N.D.                       |            |
| 27         | Transparent plastic sheet | DEHP           | N.A.                            | N.D.                       | PASS       |
|            |                           | DIBP           | N.A.                            | N.D.                       |            |
|            |                           | Pb             | BL                              | /                          |            |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                           | DBP            | N.A.                            | N.D.                       |            |
|            |                           | BBP            | N.A.                            | N.D.                       |            |
|            |                           | DEHP           | N.A.                            | N.D.                       |            |
|            |                           | DIBP           | N.A.                            | N.D.                       |            |
|            |                           | Pb             | BL                              | /                          |            |
|            |                           | Cd             | BL                              | /                          |            |
|            |                           | Hg             | BL                              | /                          |            |
|            |                           | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                           | Br(PBBs&PBDEs) | BL                              | /                          |            |



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| Sample No. | Sample Description  | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|---------------------|----------------|---------------------------------|----------------------------|------------|
| 28         | White plastic sheet | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |
| 29         | White plastic sheet | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |
| 30         | LED                 | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description   | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 31         | White PCB board      | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | X                               | N.D.                       |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 32         | Red plastic jacket   | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 33         | Black plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 34         | Chip diode         | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 35         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 36         | Chip capacitor     | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 37         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 38         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 39         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 40         | Chip audion        | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 41         | Chip resistor      | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | X                               | N.D.                       |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 42         | Audion             | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description     | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|------------------------|----------------|---------------------------------|----------------------------|------------|
| 43         | White glue             | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                        | DBP            | N.A.                            | N.D.                       |            |
|            |                        | BBP            | N.A.                            | N.D.                       |            |
|            |                        | DEHP           | N.A.                            | N.D.                       |            |
|            |                        | DIBP           | N.A.                            | N.D.                       |            |
| 44         | Silvery metal shell    | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                        | DBP            | N.A.                            | /                          |            |
|            |                        | BBP            | N.A.                            | /                          |            |
|            |                        | DEHP           | N.A.                            | /                          |            |
|            |                        | DIBP           | N.A.                            | /                          |            |
| 45         | Black plastic pedestal | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                        | DBP            | N.A.                            | N.D.                       |            |
|            |                        | BBP            | N.A.                            | N.D.                       |            |
|            |                        | DEHP           | N.A.                            | N.D.                       |            |
|            |                        | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description   | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 46         | Silvery metal sheet  | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                      | DBP            | N.A.                            | /                          |            |
|            |                      | BBP            | N.A.                            | /                          |            |
|            |                      | DEHP           | N.A.                            | /                          |            |
|            |                      | DIBP           | N.A.                            | /                          |            |
| 47         | Black plastic button | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 48         | White fuse tube      | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description   | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 49         | Green resistor       | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | X                               | N.D.                       |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
| 50         | Black plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
| 51         | Silvery metal pin    | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                      | DBP            | N.A.                            | /                          |            |
|            |                      | BBP            | N.A.                            | /                          |            |
|            |                      | DEHP           | N.A.                            | /                          |            |
| 51         | Silvery metal pin    | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                      | DBP            | N.A.                            | /                          |            |
|            |                      | BBP            | N.A.                            | /                          |            |
|            |                      | DEHP           | N.A.                            | /                          |            |
| 51         | Silvery metal pin    | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                      | DBP            | N.A.                            | /                          |            |
|            |                      | BBP            | N.A.                            | /                          |            |
|            |                      | DEHP           | N.A.                            | /                          |            |





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| Sample No. | Sample Description | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|--------------------|----------------|---------------------------------|----------------------------|------------|
| 52         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 53         | Inductor           | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |
| 54         | IC                 | Pb             | BL                              | /                          | PASS       |
|            |                    | Cd             | BL                              | /                          |            |
|            |                    | Hg             | BL                              | /                          |            |
|            |                    | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                    | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                    | DBP            | N.A.                            | N.D.                       |            |
|            |                    | BBP            | N.A.                            | N.D.                       |            |
|            |                    | DEHP           | N.A.                            | N.D.                       |            |
|            |                    | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description         | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------------|----------------|---------------------------------|----------------------------|------------|
| 55         | Copper-colored metal plate | Pb             | BL                              | /                          | PASS       |
|            |                            | Cd             | BL                              | /                          |            |
|            |                            | Hg             | BL                              | /                          |            |
|            |                            | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                            | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                            | DBP            | N.A.                            | /                          |            |
|            |                            | BBP            | N.A.                            | /                          |            |
|            |                            | DEHP           | N.A.                            | /                          |            |
|            | DIBP                       | N.A.           | /                               |                            |            |
| 56         | Green PCB board            | Pb             | BL                              | /                          | PASS       |
|            |                            | Cd             | BL                              | /                          |            |
|            |                            | Hg             | BL                              | /                          |            |
|            |                            | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                            | Br(PBBs&PBDEs) | X                               | N.D.                       |            |
|            |                            | DBP            | N.A.                            | N.D.                       |            |
|            |                            | BBP            | N.A.                            | N.D.                       |            |
|            |                            | DEHP           | N.A.                            | N.D.                       |            |
|            | DIBP                       | N.A.           | N.D.                            |                            |            |
| 57         | Black plastic sheet        | Pb             | BL                              | /                          | PASS       |
|            |                            | Cd             | BL                              | /                          |            |
|            |                            | Hg             | BL                              | /                          |            |
|            |                            | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                            | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                            | DBP            | N.A.                            | N.D.                       |            |
|            |                            | BBP            | N.A.                            | N.D.                       |            |
|            |                            | DEHP           | N.A.                            | N.D.                       |            |
|            | DIBP                       | N.A.           | N.D.                            |                            |            |



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| Sample No. | Sample Description  | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|---------------------|----------------|---------------------------------|----------------------------|------------|
| 58         | Silvery metal sheet | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                     | DBP            | N.A.                            | /                          |            |
|            |                     | BBP            | N.A.                            | /                          |            |
|            |                     | DEHP           | N.A.                            | /                          |            |
|            |                     | DIBP           | N.A.                            | /                          |            |
| 59         | Black plastic frame | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                     | DBP            | N.A.                            | N.D.                       |            |
|            |                     | BBP            | N.A.                            | N.D.                       |            |
|            |                     | DEHP           | N.A.                            | N.D.                       |            |
|            |                     | DIBP           | N.A.                            | N.D.                       |            |
| 60         | Silvery metal screw | Pb             | BL                              | /                          | PASS       |
|            |                     | Cd             | BL                              | /                          |            |
|            |                     | Hg             | BL                              | /                          |            |
|            |                     | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                     | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                     | DBP            | N.A.                            | /                          |            |
|            |                     | BBP            | N.A.                            | /                          |            |
|            |                     | DEHP           | N.A.                            | /                          |            |
|            |                     | DIBP           | N.A.                            | /                          |            |





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| Sample No. | Sample Description     | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|------------------------|----------------|---------------------------------|----------------------------|------------|
| 61         | Green PCB board        | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | X                               | N.D.                       |            |
|            |                        | DBP            | N.A.                            | N.D.                       |            |
|            |                        | BBP            | N.A.                            | N.D.                       |            |
|            |                        | DEHP           | N.A.                            | N.D.                       |            |
|            |                        | DIBP           | N.A.                            | N.D.                       |            |
| 62         | Black foam flakes      | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | X                               | N.D.                       |            |
|            |                        | DBP            | N.A.                            | 709                        |            |
|            |                        | BBP            | N.A.                            | N.D.                       |            |
|            |                        | DEHP           | N.A.                            | N.D.                       |            |
|            |                        | DIBP           | N.A.                            | N.D.                       |            |
| 63         | Black plastic line set | Pb             | BL                              | /                          | PASS       |
|            |                        | Cd             | BL                              | /                          |            |
|            |                        | Hg             | BL                              | /                          |            |
|            |                        | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                        | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                        | DBP            | N.A.                            | N.D.                       |            |
|            |                        | BBP            | N.A.                            | N.D.                       |            |
|            |                        | DEHP           | N.A.                            | N.D.                       |            |
|            |                        | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description      | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|-------------------------|----------------|---------------------------------|----------------------------|------------|
| 64         | Black velcro            | Pb             | BL                              | /                          | PASS       |
|            |                         | Cd             | BL                              | /                          |            |
|            |                         | Hg             | BL                              | /                          |            |
|            |                         | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                         | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                         | DBP            | N.A.                            | N.D.                       |            |
|            |                         | BBP            | N.A.                            | N.D.                       |            |
|            |                         | DEHP           | N.A.                            | N.D.                       |            |
|            |                         | DIBP           | N.A.                            | N.D.                       |            |
| 65         | Black plastic scarfskin | Pb             | BL                              | /                          | PASS       |
|            |                         | Cd             | BL                              | /                          |            |
|            |                         | Hg             | BL                              | /                          |            |
|            |                         | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                         | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                         | DBP            | N.A.                            | N.D.                       |            |
|            |                         | BBP            | N.A.                            | N.D.                       |            |
|            |                         | DEHP           | N.A.                            | 268                        |            |
|            |                         | DIBP           | N.A.                            | N.D.                       |            |
| 66         | Red plastic jacket      | Pb             | BL                              | /                          | PASS       |
|            |                         | Cd             | BL                              | /                          |            |
|            |                         | Hg             | BL                              | /                          |            |
|            |                         | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                         | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                         | DBP            | N.A.                            | N.D.                       |            |
|            |                         | BBP            | N.A.                            | N.D.                       |            |
|            |                         | DEHP           | N.A.                            | N.D.                       |            |
|            |                         | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description   | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|----------------------|----------------|---------------------------------|----------------------------|------------|
| 67         | Black plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 68         | Red plastic jacket   | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |
| 69         | Black plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                      | Cd             | BL                              | /                          |            |
|            |                      | Hg             | BL                              | /                          |            |
|            |                      | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                      | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                      | DBP            | N.A.                            | N.D.                       |            |
|            |                      | BBP            | N.A.                            | N.D.                       |            |
|            |                      | DEHP           | N.A.                            | N.D.                       |            |
|            |                      | DIBP           | N.A.                            | N.D.                       |            |





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| Sample No. | Sample Description    | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|-----------------------|----------------|---------------------------------|----------------------------|------------|
| 70         | Yellow plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                       | Cd             | BL                              | /                          |            |
|            |                       | Hg             | BL                              | /                          |            |
|            |                       | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                       | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                       | DBP            | N.A.                            | N.D.                       |            |
|            |                       | BBP            | N.A.                            | N.D.                       |            |
|            |                       | DEHP           | N.A.                            | N.D.                       |            |
|            |                       | DIBP           | N.A.                            | N.D.                       |            |
| 71         | Orange plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                       | Cd             | BL                              | /                          |            |
|            |                       | Hg             | BL                              | /                          |            |
|            |                       | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                       | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                       | DBP            | N.A.                            | N.D.                       |            |
|            |                       | BBP            | N.A.                            | N.D.                       |            |
|            |                       | DEHP           | N.A.                            | N.D.                       |            |
|            |                       | DIBP           | N.A.                            | N.D.                       |            |
| 72         | Blue plastic jacket   | Pb             | BL                              | /                          | PASS       |
|            |                       | Cd             | BL                              | /                          |            |
|            |                       | Hg             | BL                              | /                          |            |
|            |                       | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                       | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                       | DBP            | N.A.                            | N.D.                       |            |
|            |                       | BBP            | N.A.                            | N.D.                       |            |
|            |                       | DEHP           | N.A.                            | N.D.                       |            |
|            |                       | DIBP           | N.A.                            | N.D.                       |            |



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| Sample No. | Sample Description    | Tested Items   | XRF Screening Test Unit (mg/kg) | Chemical Test Unit (mg/kg) | Conclusion |
|------------|-----------------------|----------------|---------------------------------|----------------------------|------------|
| 73         | Purple plastic jacket | Pb             | BL                              | /                          | PASS       |
|            |                       | Cd             | BL                              | /                          |            |
|            |                       | Hg             | BL                              | /                          |            |
|            |                       | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                       | Br(PBBs&PBDEs) | BL                              | /                          |            |
|            |                       | DBP            | N.A.                            | N.D.                       |            |
|            |                       | BBP            | N.A.                            | N.D.                       |            |
|            |                       | DEHP           | N.A.                            | N.D.                       |            |
|            |                       | DIBP           | N.A.                            | N.D.                       |            |
| 74         | Silvery metal pin     | Pb             | BL                              | /                          | PASS       |
|            |                       | Cd             | BL                              | /                          |            |
|            |                       | Hg             | BL                              | /                          |            |
|            |                       | Cr(Cr(VI) )    | BL                              | /                          |            |
|            |                       | Br(PBBs&PBDEs) | N.A.                            | /                          |            |
|            |                       | DBP            | N.A.                            | /                          |            |
|            |                       | BBP            | N.A.                            | /                          |            |
|            |                       | DEHP           | N.A.                            | /                          |            |
|            |                       | DIBP           | N.A.                            | /                          |            |

## Note:

- The screening results are only used for reference.
- When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
- BL = Under the XRF screening limit
- OL = Further chemical test will be conducted while result is above the screening limit
- X= The symbol "X" marks the region where further investigation is necessary
- LOD= Detection limit
- MDL = Method Detection Limit
- N.A. = Not Applicable
- N.D. = Not Detected (<MDL)
- /=Not tested
- 1mg/kg = 1ppm = 0.0001%
- µg/cm<sup>2</sup> = microgramme per square centimeter
- "----"=



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a. -Negative = Absence of Cr(VI) , the detected Cr(VI) concentration in the boiling water extraction solution is less than  $0.10\mu\text{g}/\text{cm}^2$ .

b. -Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than  $0.13\mu\text{g}/\text{cm}^2$ .

c. The result is between  $0.10\mu\text{g}/\text{cm}^2$  with  $0.13\mu\text{g}/\text{cm}^2$  is considered to be inconclusive-unavoidable coating variations may influence the determination.

-\*=According to the product specification provided from client, the submitted sample of specimen

No.8/12/13 are copper alloy containing up to 4% Lead by weight which is exempted by RoHS regulatory (Directive 2011/65/EU of The European Parliament and of The Council of 8 June 2011).

- As specified by the client, all the results of sample 1/ sample 3/ to sample 5/ sample 7/ sample 9/ sample 10/ sample 12/ sample 13/ sample 24 to sample 29/ sample 31 to sample 33/ sample 35/ sample 42/ sample 42/ sample 48/ sample 54 to sample 57/ sample 62 were quoted from the results of sample 3/ sample 1/ sample 4/ sample 2/ sample 8/ sample 24/ sample 25/ sample 6/ sample 5/ sample 115/ sample 103/ sample 114/ sample 121/ sample 117/ sample 116/ sample 118/ sample 120/ sample 119/ sample 131/ sample 122/ sample 123/ sample 126/ sample 124/ sample 130/ sample 139/ sample 141 in report 18300RC20272601.





# Test Report

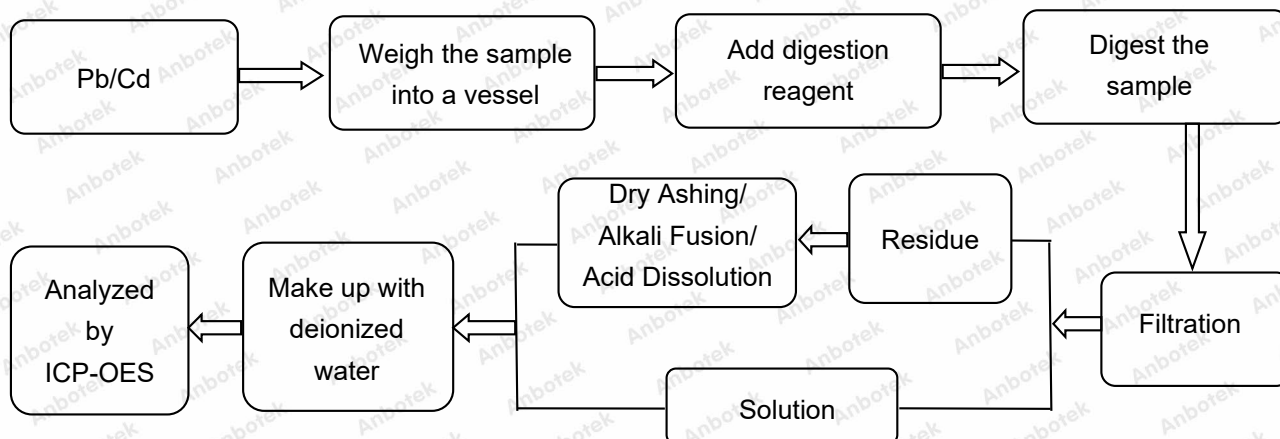
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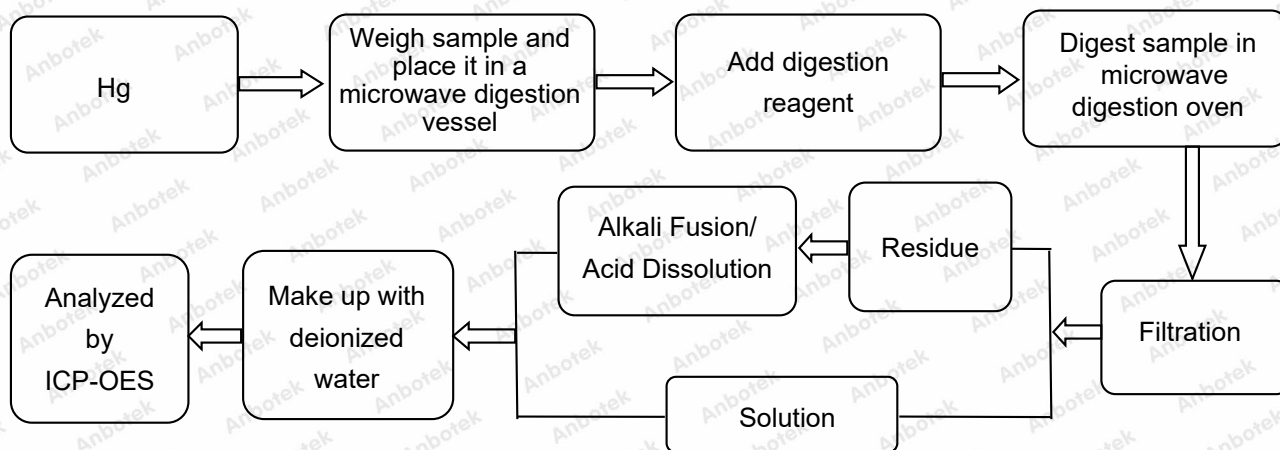
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**Test Process:**

## ◆ IEC 62321-5:2013



## ◆ IEC 62321-4:2013+AMD1:2017



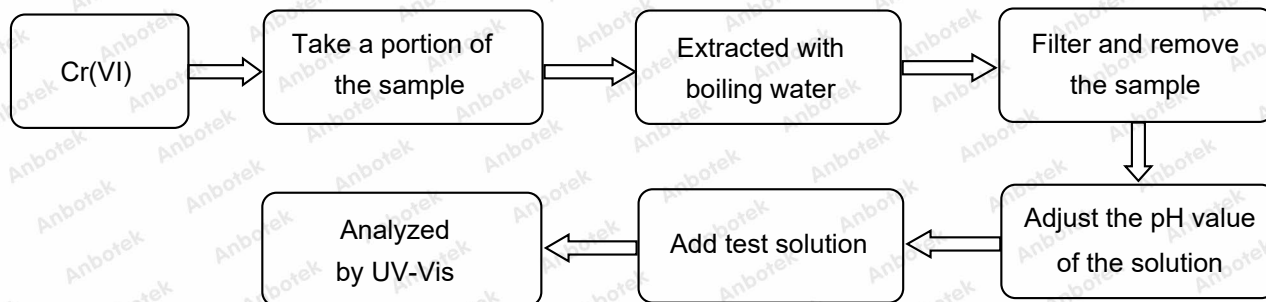
# Test Report

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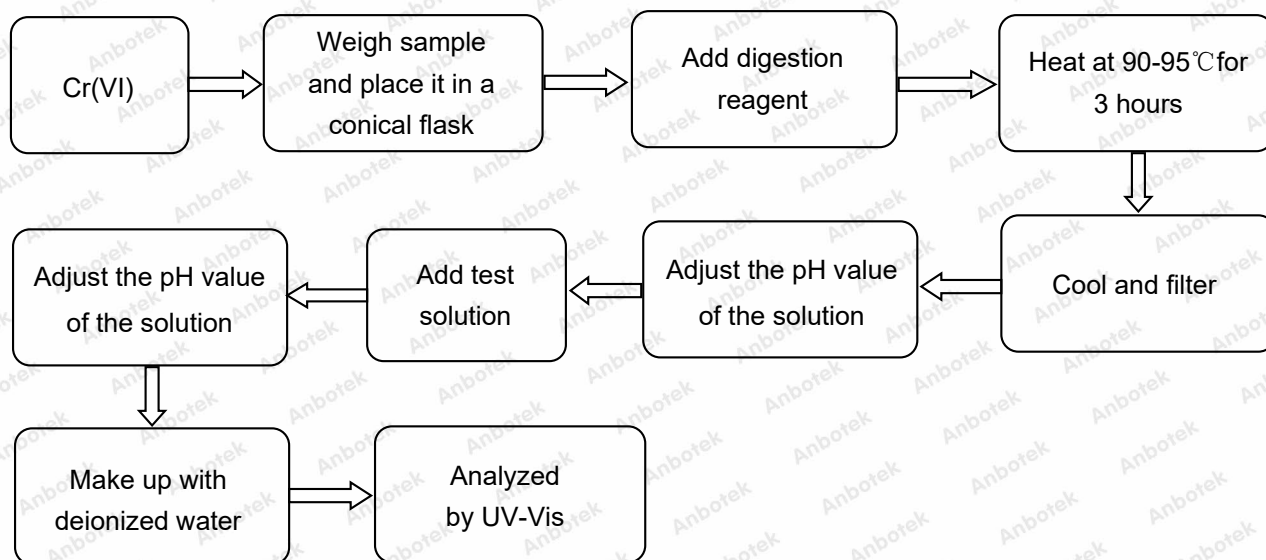
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## ◆ IEC 62321-7-1:2015



## ◆ IEC 62321-7-2:2017

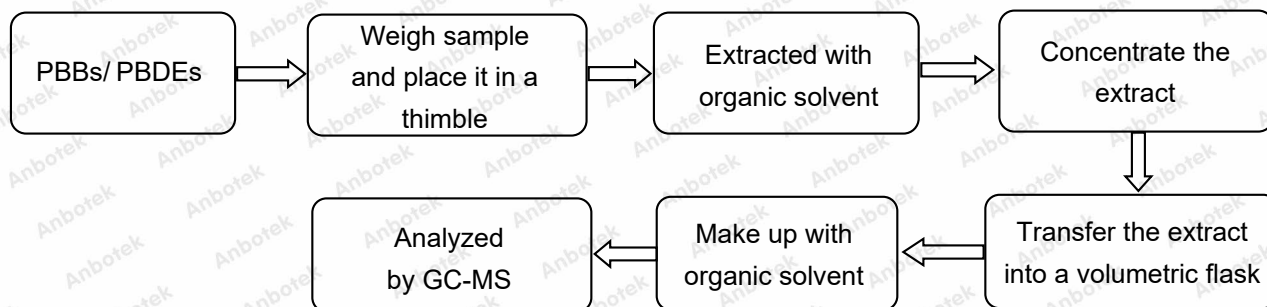
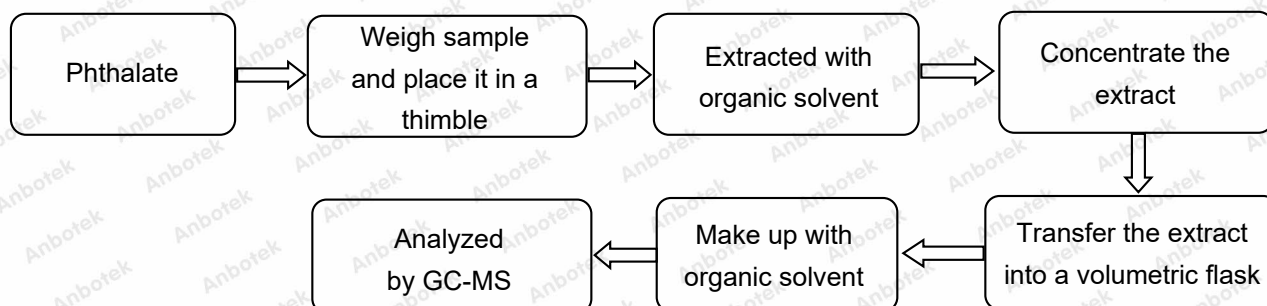


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**◆ IEC 62321-6:2015****◆ IEC 62321-8:2017**



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## Photograph of Sample



## Photo(s) of the tested component(s)



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AB-RHS-03-b



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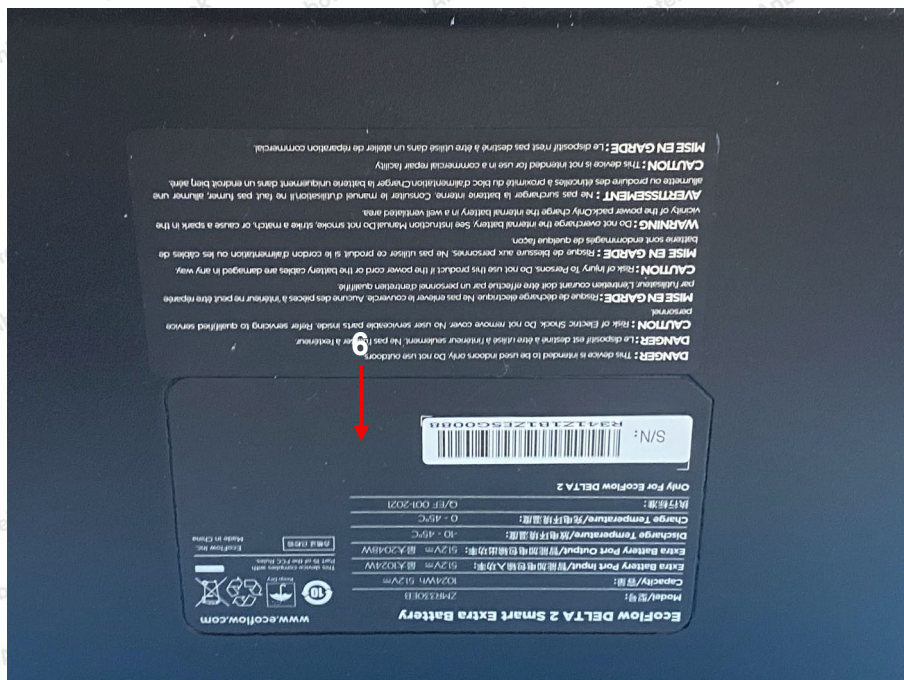


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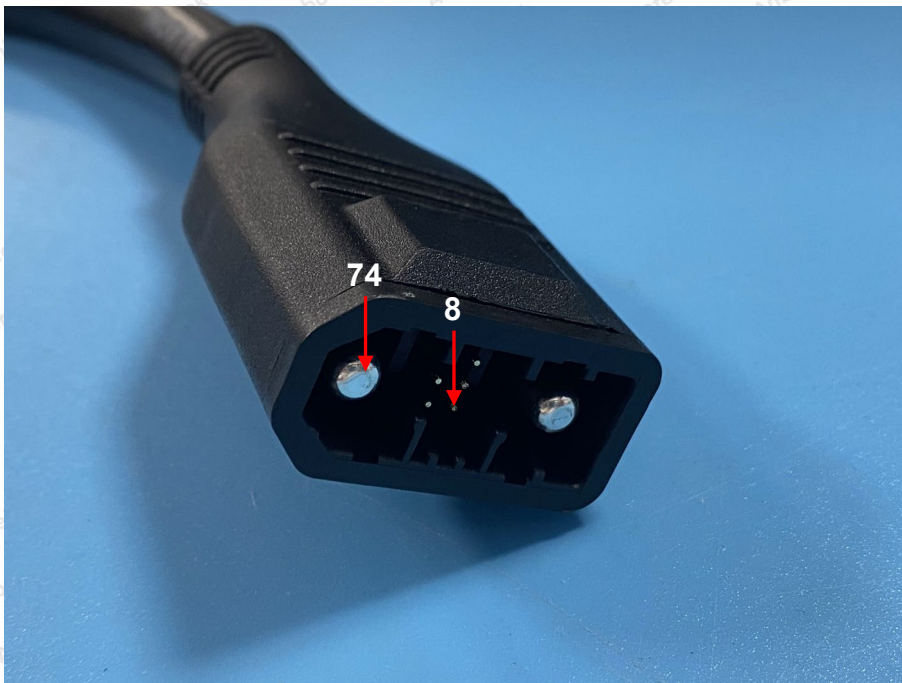


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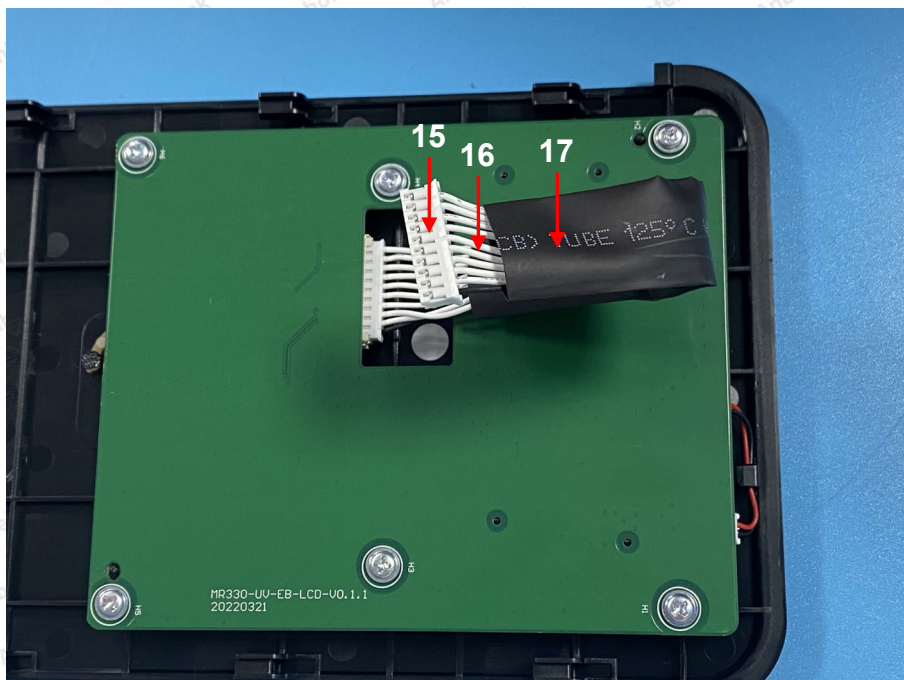
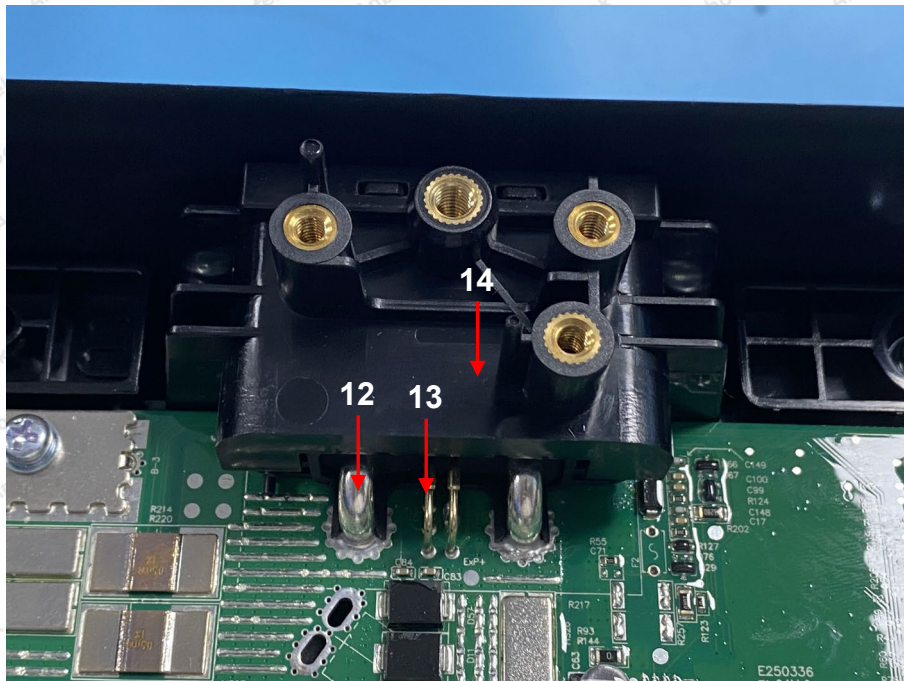


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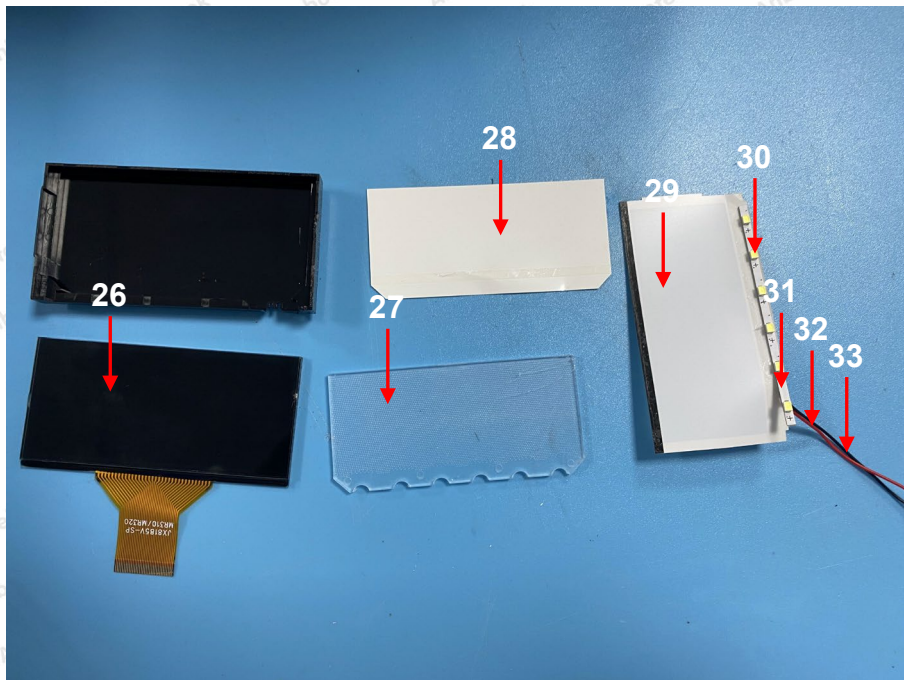
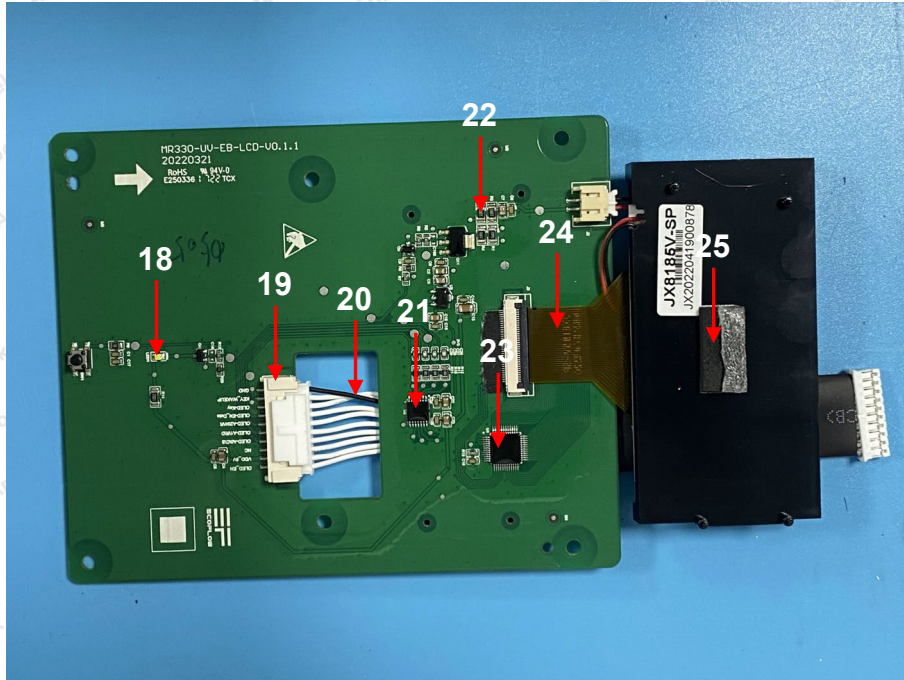


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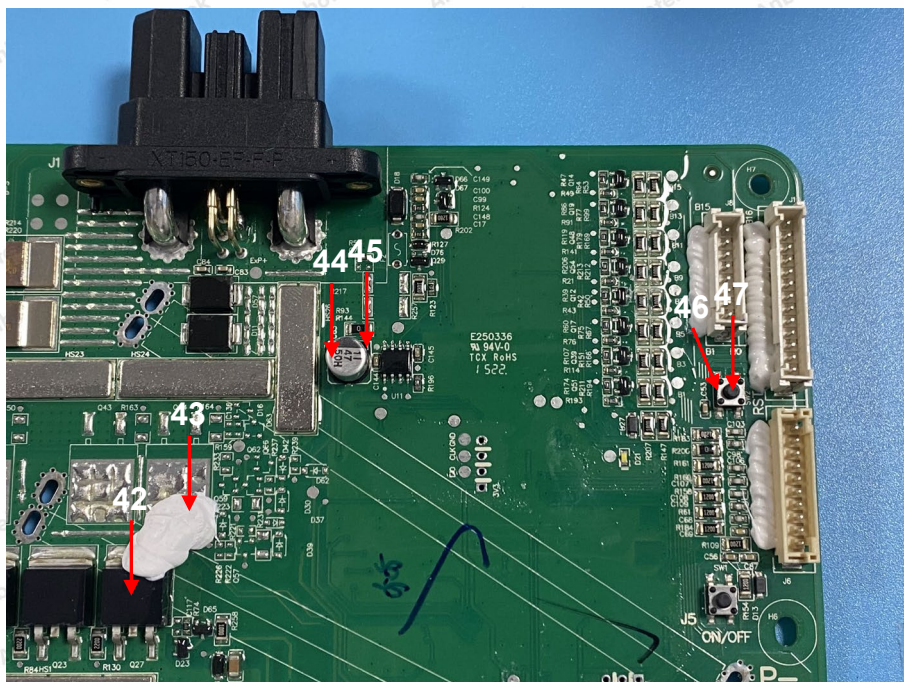
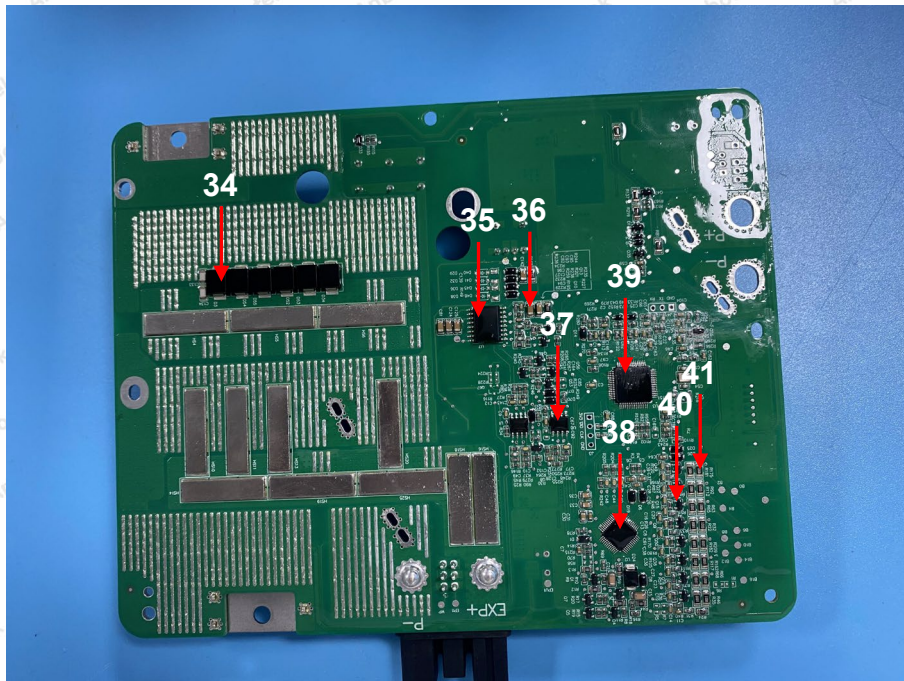


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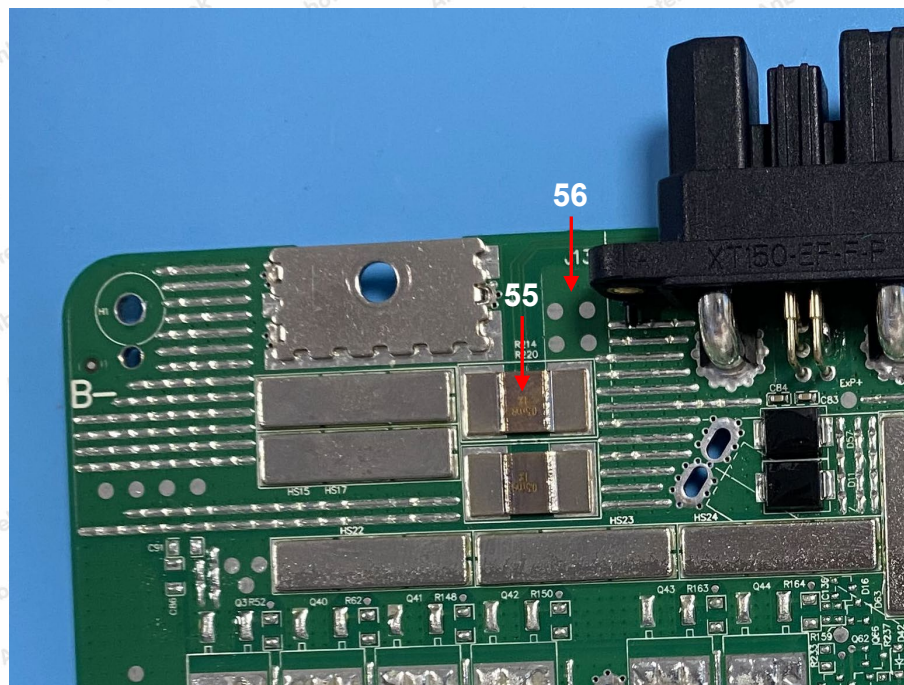
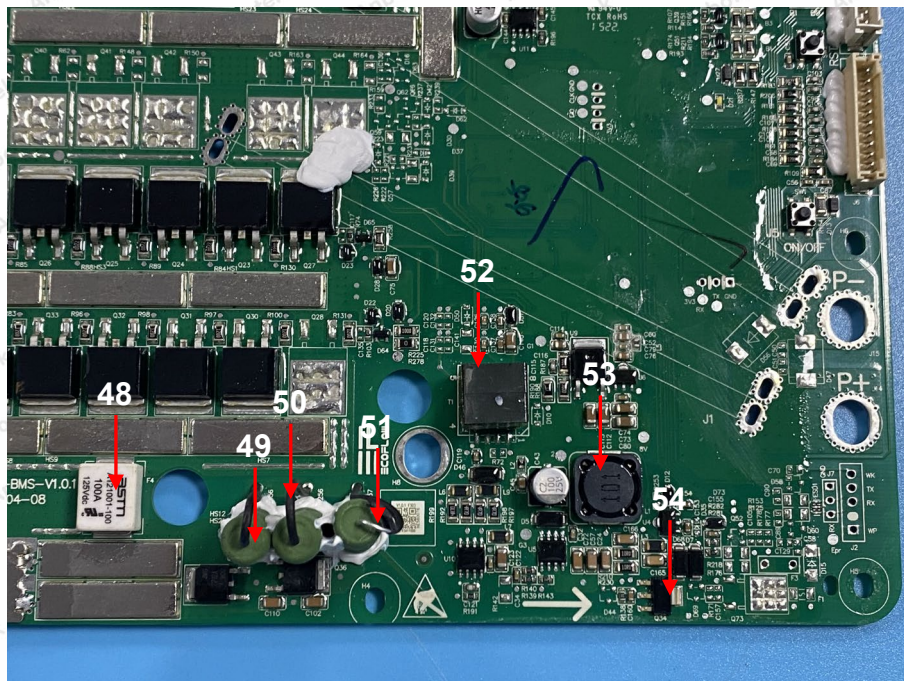


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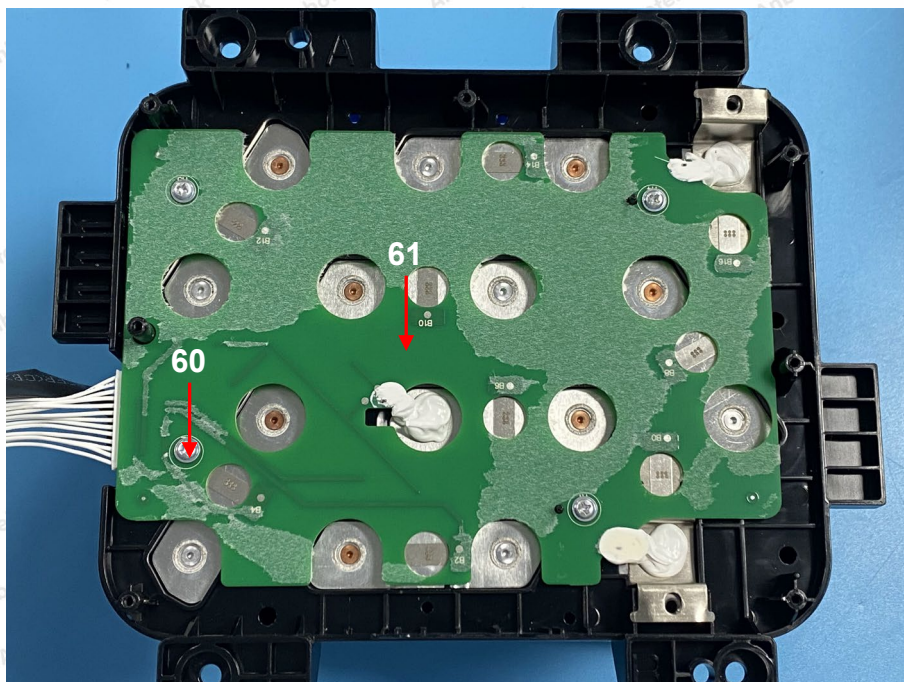
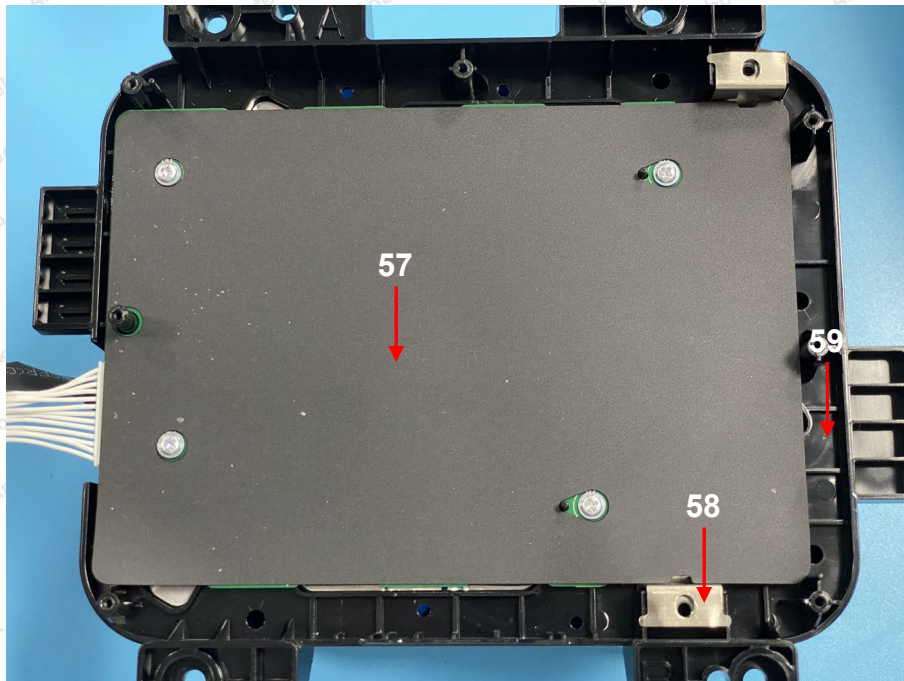


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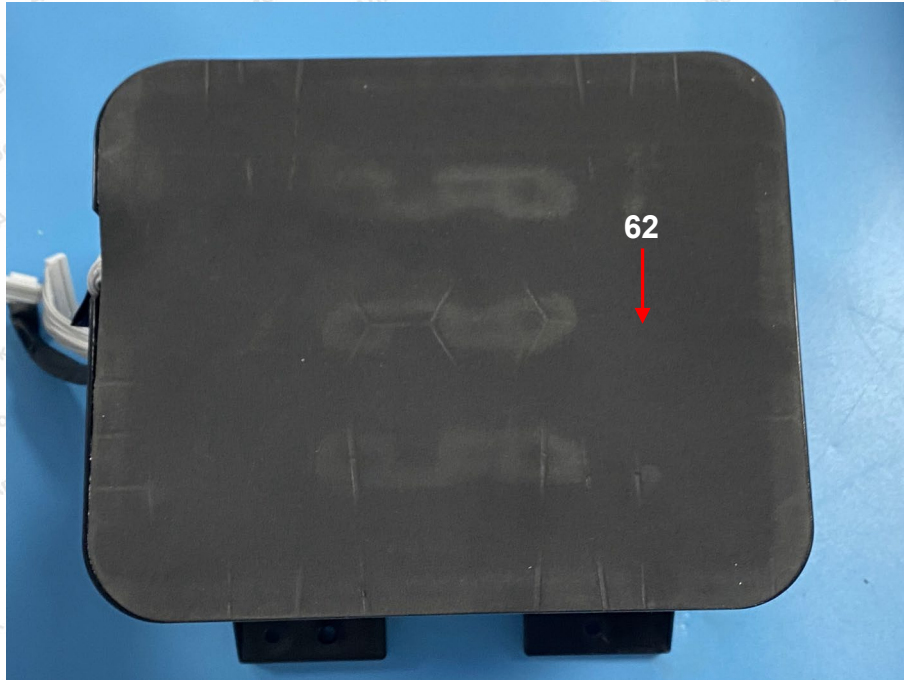


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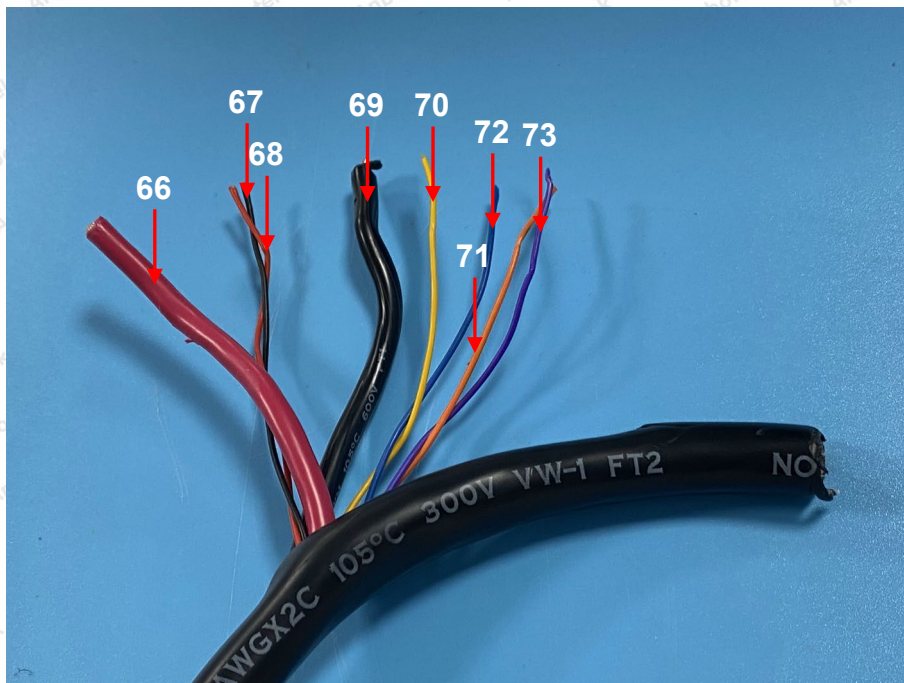


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\*\*\*\*\* End of Report \*\*\*\*\*

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