

HYUNDAI WACORTEC CO., LTD.

A-301, Hagye Technotown, Hagye-dong, 10, Nowon-ro 15gil,
Nowon-gu, Seoul
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

| | |
|--------------------------------|---|
| SGS File No. | : AYGU15-06905 |
| Product Name | : HOT&COLD WATER PURIFIER SYSTEM |
| Product No. / Model No. | : W2-170P |
| Client reference data | : W2-150, W2-150P, W2-160, W2-160P, W2-170, W2-170S, W2-170SP |
| Verification Period | : 2015. 10. 05. to 2015. 12. 01. |
| Verification Requested | : With reference to RoHS Directive 2011/65/EU recasting 2002/95/EC |
| Verification Method | 1. Review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant. 2. Test was performed for the samples indicated by the photos in the report with test methods reference to IEC 62321:2008: Procedures for the Determination of Levels of Six Regulated Substances in Electrotechnical Products. (1) Screening by XRF Spectroscopy (2) Wet Chemical Test Method a. Determination of Lead & Cadmium by ICP or AAS b. Determination of Mercury by ICP c. Determination of Hexavalent Chromium by Spot test or Colorimetric Method d. Determination of PBBs and PBDEs by GC/MS |

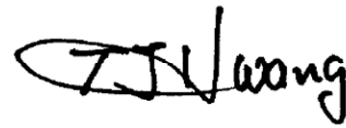
Verification Report No. F690101/LF-CTSAYGU15-06905 Issued date : 2015. 12. 01. Page 2 of 17

Verification Result : Please refer to next page

Verification Conclusion : Based on the review of previous reports and verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS Directive 2011/65/EU recasting 2002/95/EC.

Comment : The test results are related only to the tested items. The report shall not be reproduced except in full without the written approval of the testing laboratory. By the applicant's request, item No.s/part No.s & client reference information are stated/added on report.

SGS Korea Co., Ltd. Gimhae Laboratory



Thomas Hwang / Lab Manager

Details on Verification

| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No.of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ | |
|-----|------------------|-----------------------|---------------------------------|--|--|--------------------|-----------------------|--|
| 1 | W2-170P.001 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 2 | W2-170P.002 | Cd | BL | | | Comply | | |
| | | AYGU15-0690 | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | : W2-170P | | | | Comply | | |
| 3 | W2-170P.003 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 4 | W2-170P.004 | Cd | BL | | TAS-034298 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 5 | W2-170P.005 | Cd | BL | | TAS-034298 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 6 | W2-170P.006 | Cd | BL | | TAS-034298 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 7 | W2-170P.007 | Cd | BL | | TAS-034298 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No.of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|--|--------------------|-----------------------|
| 8 | W2-170P.008 | Cd | BL | Negative | TAS-034298 | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | IN | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | - | | | Comply | |
| 9 | W2-170P.009 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |
| 10 | W2-170P.010 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |
| 11 | W2-170P.011 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |
| 12 | W2-170P.012 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |
| 13 | W2-170P.013 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |
| 14 | W2-170P.014 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | BL | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|-----------------------|
| 15 | W2-170P.015 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 16 | W2-170P.016 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 17 | W2-170P.017 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 18 | W2-170P.018 | Cd | BL | | Spot Test | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 19 | W2-170P.019 | Cd | BL | | Spot Test | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 20 | W2-170P.020 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 21 | W2-170P.021 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ | |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|-----------------------|--|
| 22 | W2-170P.022 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 23 | W2-170P.023 | Cd | BL | | AYHA15-07266 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 24 | W2-170P.024 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 25 | W2-170P.025 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 26 | W2-170P.026 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 27 | W2-170P.027 | Cd | BL | | AYGU15-07404 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | IN | | | N.D. | Comply | |
| | | PBDEs | | | | N.D. | Comply | |
| 28 | W2-170P.028 | Cd | BL | | AYGU15-07405 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | IN | | | N.D. | Comply | |
| | | PBDEs | | | | N.D. | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|-----------------------|
| 29 | W2-170P.029 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 30 | W2-170P.030 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 31 | W2-170P.031 | Cd | BL | | AYGU15-07406 | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | IN | N.D. | | Comply | |
| | | PBDEs | | N.D. | | Comply | |
| 32 | W2-170P.032 | Cd | BL | | AYGU15-07407 | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | IN | N.D. | | Comply | |
| | | PBDEs | | N.D. | | Comply | |
| 33 | W2-170P.033 | Cd | BL | | AYGU15-07408 | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | IN | N.D. | | Comply | |
| | | PBDEs | | N.D. | | Comply | |
| 34 | W2-170P.034 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 35 | W2-170P.035 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|-----------------------|
| 36 | W2-170P.036 | Cd | BL | | AYGU15-07409 | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | IN | N.D. | | Comply | |
| | | PBDEs | | N.D. | | Comply | |
| 37 | W2-170P.037 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 38 | W2-170P.038 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 39 | W2-170P.039 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 40 | W2-170P.040 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 41 | W2-170P.041 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 42 | W2-170P.042 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No.of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ | |
|-----|------------------|-----------------------|---------------------------------|--|--|--------------------|-----------------------|--|
| 43 | W2-170P.043 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 44 | W2-170P.044 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 45 | W2-170P.045 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | - | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 46 | W2-170P.046 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | - | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 47 | W2-170P.047 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | - | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 48 | W2-170P.048 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | - | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 49 | W2-170P.049 | Cd | BL | | Spot Test | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|--------------------------|
| 50 | W2-170P.050 | Cd | BL | | AYGU15-07403 | Comply | Exemption ANNEX III 6(c) |
| | | Pb | OL | 32200 | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 51 | W2-170P.051 | Cd | BL | | Spot Test | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 52 | W2-170P.052 | Cd | BL | | Spot Test | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 53 | W2-170P.053 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 54 | W2-170P.054 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | - | | | Comply | |
| | | PBDEs | | | | Comply | |
| 55 | W2-170P.055 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 56 | W2-170P.056 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No. of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ | |
|-----|------------------|-----------------------|---------------------------------|--|---|--------------------|-----------------------|--|
| 57 | W2-170P.057 | Cd | BL | | RT14R-U0744-011-K | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | IN | N.D. | | Comply | | |
| | | PBDEs | | N.D. | | Comply | | |
| 58 | W2-170P.058 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | - | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 59 | W2-170P.059 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 60 | W2-170P.060 | Cd | BL | | AYGU14-00993 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 61 | W2-170P.061 | Cd | BL | | AYGU14-00993 | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | IN | Negative | | Comply | | |
| | | PBBs | - | | | | Comply | |
| | | PBDEs | | | | | Comply | |
| 62 | W2-170P.062 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |
| 63 | W2-170P.063 | Cd | BL | | | Comply | | |
| | | Pb | BL | | | Comply | | |
| | | Hg | BL | | | Comply | | |
| | | Cr ⁶⁺ | BL | | | Comply | | |
| | | PBBs | BL | | | Comply | | |
| | | PBDEs | | | | Comply | | |

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| No. | Part Description | Restricted Substances | Results of EDXRF ⁽¹⁾ | Results of Related or Additional Wet Chemical Tests (mg/kg) ⁽²⁾ | Report No.of Related or Additional Wet Chemical Test | Conclusion on RoHS | Remark ⁽³⁾ |
|-----|------------------|-----------------------|---------------------------------|--|--|--------------------|-----------------------|
| 64 | W2-170P.064 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 65 | W2-170P.065 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 66 | W2-170P.066 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |
| 67 | W2-170P.067 | Cd | BL | | | Comply | |
| | | Pb | BL | | | Comply | |
| | | Hg | BL | | | Comply | |
| | | Cr ⁶⁺ | BL | | | Comply | |
| | | PBBs | BL | | | Comply | |
| | | PBDEs | | | | Comply | |

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Remark

(1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321 (unit: mg/kg)

| Element | Polymer | Metal | Composite Materials |
|---------|--|--|--|
| Cd | X < 50 (BL) 50 < X < 170 (IN) 170 < X (OL) | X < 50 (BL) 50 < X < 170 (IN) 170 < X (OL) | X < 50 (BL) 50 < X < 170 (IN) 170 < X (OL) |
| Pb | X < 500 (BL) 500 < X < 1500 (IN) 1500 < X (OL) | X < 500 (BL) 500 < X < 1500 (IN) 1500 < X (OL) | X < 500 (BL) 500 < X < 1500 (IN) 1500 < X (OL) |
| Hg | : AYGU15-06905 | X < 500 (BL) 500 < X < 1500 (IN) 1500 < X (OL) | X < 500 (BL) 500 < X < 1500 (IN) 1500 < X (OL) |
| Cr | X < 500 (BL) 500 < X (IN) | X < 500 (BL) 500 < X (IN) | X < 500 (BL) 500 < X (IN) |
| Br | X < 500 (BL) 500 < X (IN) | - | X < 500 (BL) 500 < X (IN) |

(c) BL=Below Lir : W2-170P

(d) The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample of non-uniformity composition.

(2) (a) mg/kg=ppm=0.0001%, N.D.=not detected (<MDL), - =not conducted.

(b) Unit and Method Detection Limit (MDL) in wet chemical test.

| Test Items | Pb | Cd | Hg | PBBs&PBDEs | Cr6+ (for polymer & composite sample) |
|------------|-------|-------|-------|------------|---------------------------------------|
| Units | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| MDL | 5 | 0.5 | 2 | 5 | 1 |

(c) According to IEC 62321:2008, result on Cr6+ for metal sample is shown as Positive/Negative.
Negative = Absence of Cr6+ coating, Positive=Presence of Cr6+ coating.

(3) (a) The detail of the exemptions are stated in Annex III of RoHS Directive 2011/65/EU.

Photo Index

Picture of Sample as Received



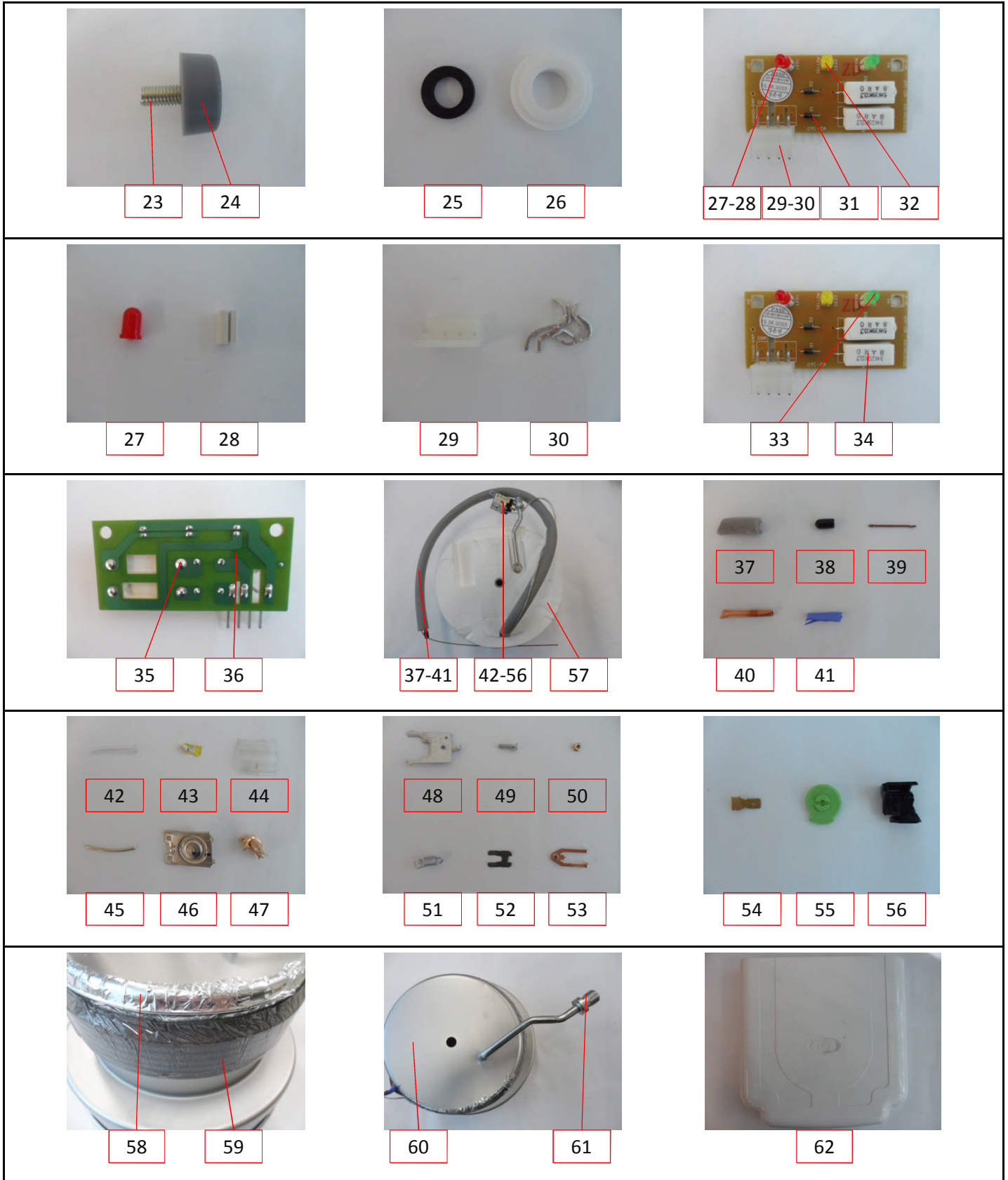
: AYGU15-06905

: W2-170P

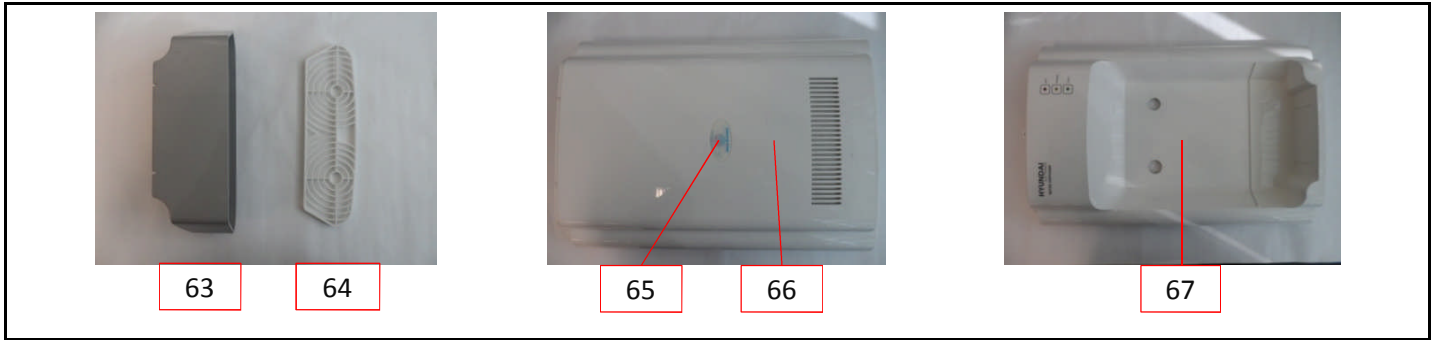
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: W2-170P ; authenticate the photo on original report only

*** End of Report ***

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