Verification Report

No. CANEC1711093701  Date: 26 Jun 2017  Page 1 of 8

FLASHBAY ELECTRONICS
BLGD B&C XI FENG CHENG IND ZONE, NO.2 FUYUAN ROAD HE PING VILLAGE, FU YONG TOWN, SHEN ZHEN

Sample Name: Lizzard USB Wristband
SGS Job No.: CP17-032603 - SZ
Tested Basic Model No. (P.O.No.): WB
Date of Sample Received: 14 Jun 2017
Verification Period: 14 Jun 2017 - 26 Jun 2017
Verification Method: Please refer to next page(s).
Verification Result: Please refer to next page(s).
Verification Conclusion: Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
Note: 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.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jenny Liao
Approved Signatory
Verification Method:

1. With reference to IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report
   (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy
   (2) Wet chemical test method
      a. With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES
      b. With reference to IEC 62321-5:2013, determination of Lead by ICP-OES
      c. With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES
      e. With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS
In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part Description</th>
<th>Restricted Substances</th>
<th>Results of EDXRF(1)</th>
<th>Screening Result of PHTH(2)</th>
<th>Result of Wet Chemical Testing(3) (mg/kg)</th>
<th>Conclusion on EU RoHS</th>
<th>Sample Submitted / Resubmitted Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Black rubber sheet</td>
<td>Pb, Cd, Hg, Cr(VI)▼, PBBs, PBDEs, DBP, BBP, DEHP, DIBP</td>
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<td>14 Jun 2017</td>
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<td>14 Jun 2017</td>
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<td>14 Jun 2017</td>
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<td>Part No.</td>
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</tbody>
</table>
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Remark:
1. (a) There are the results on total Br while test items on restricted substances are PBBs and PBDEs. There 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-OES (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 IEC62321-3-1:2013 (unit: mg/kg).

\[
\begin{array}{|c|c|c|}
\hline
\text{Element} & \text{Polymer} & \text{Composite Materials} \\
\hline
\text{Cd} & \text{BL } \leq (70-3\sigma) < X < (130+3\sigma) \leq \text{OL} & \text{BL } \leq (70-3\sigma) < X < (130+3\sigma) \leq \text{OL} \\
\text{Pb} & \text{BL } \leq (700-3\sigma) < X < (1300+3\sigma) \leq \text{OL} & \text{BL } \leq (500-3\sigma) < X < (1500+3\sigma) \leq \text{OL} \\
\text{Hg} & \text{BL } \leq (700-3\sigma) < X < (1300+3\sigma) \leq \text{OL} & \text{BL } \leq (500-3\sigma) < X < (1500+3\sigma) \leq \text{OL} \\
\text{Br} & \text{BL } \leq (300-3\sigma) < X & \text{BL } \leq (250-3\sigma) < X \\
\text{Cr} & \text{BL } \leq (700-3\sigma) < X & \text{BL } \leq (500-3\sigma) < X \\
\hline
\end{array}
\]

(c) BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection, -- = Not regulated.

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

2. Screening results of PTH are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg)

\[
\begin{array}{|c|c|}
\hline
\text{Compound} & \text{Polymer} \\
\hline
\text{DBP} & \text{BL } \leq 600 < X \\
\text{BBP} & \text{BL } \leq 600 < X \\
\text{DEHP} & \text{BL } \leq 600 < X \\
\text{DIBP} & \text{BL } \leq 600 < X \\
\hline
\end{array}
\]

3. (a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not conducted, - = Without BOM.

(b) Unit and MDL in wet chemical test

<table>
<thead>
<tr>
<th>Test Item</th>
<th>Pb</th>
<th>Cd</th>
<th>Hg</th>
<th>DBP</th>
<th>BBP</th>
<th>DEBP</th>
<th>DIBP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>mg/kg</td>
<td>mg/kg</td>
<td>mg/kg</td>
<td>mg/kg</td>
<td>mg/kg</td>
<td>mg/kg</td>
<td>mg/kg</td>
</tr>
<tr>
<td>MDL</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>
The MDL for single compound of PBBs and PBDEs is 100 mg/kg, MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg, MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ = Metal sample
a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm².
   The sample coating is considered to contain Cr(VI)
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²).
   The coating is considered a non-Cr(VI) based coating
c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive
   - Unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

IEC 62321 series is equivalent to EN 62321 series
Sample photo:

![Sample photo](image1)

**CANEC1711093701**

![Sample photo](image2)
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SGS authenticate the photo on original report only

*** End of Report ***