Test Report  
No. SHAML1509886401  Date: 02 Jun 2015  Page 1 of 5
Zeke Fastener Manufacturing Co., Ltd.
18-38 Kangqiaolijing, Garden, Beitang district, Wuxi, Jiangsu, China

The following sample(s) was/were submitted and identified on behalf of the clients as: 304 stainless fasteners/Bar.

SGS Job No.: SHIN1505023012PC - SH
Material and Mark: 304
Product Specification: M8*70
Lot No.: 8F.000011.700
Buyer: Darfon Electronics Corp.
Manufacturer: Zeke Fastener Manufacturing Co., Ltd.
Date of Sample Received: 27 May 2015
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to next page(s).
Test Results: Please refer to next page(s).

Conclusion: Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Shelly Li
Approved Signatory
Test Results:

Test Part Description:

<table>
<thead>
<tr>
<th>Specimen No.</th>
<th>SGS Sample ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN1</td>
<td>SHA15-098864.001</td>
<td>Silver metal piece</td>
</tr>
</tbody>
</table>

Remarks:

(1) 1 mg/kg = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected ( < MDL )
(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method:

(1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
(2) With reference to IEC 62321-5:2013, determination of Lead by AAS.
(3) With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
(5) With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.

<table>
<thead>
<tr>
<th>Test Item(s)</th>
<th>Limit</th>
<th>Unit</th>
<th>MDL</th>
<th>001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium (Cd)</td>
<td>100</td>
<td>mg/kg</td>
<td>2</td>
<td>ND</td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>1000</td>
<td>mg/kg</td>
<td>2</td>
<td>ND</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>1000</td>
<td>mg/kg</td>
<td>2</td>
<td>ND</td>
</tr>
<tr>
<td>Hexavalent Chromium (Cr(VI))</td>
<td>-</td>
<td>-</td>
<td>◊ Negative</td>
<td></td>
</tr>
<tr>
<td>Sum of PBBs</td>
<td>1000</td>
<td>mg/kg</td>
<td>-</td>
<td>ND</td>
</tr>
<tr>
<td>Monobromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Dibromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tribromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tetrabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Pentabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Hexabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Heptabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Octabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Nonabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Decabromobiphenyl</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Sum of PBDEs</td>
<td>1000</td>
<td>mg/kg</td>
<td>-</td>
<td>ND</td>
</tr>
<tr>
<td>Monobromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
</tbody>
</table>
# Test Report

<table>
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<th>Limit</th>
<th>Unit</th>
<th>MDL</th>
<th>001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tribromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tetrabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Pentabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
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<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
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<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
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<td>mg/kg</td>
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<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Decabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
</tbody>
</table>

Notes:

1. The maximum permissible limit is quoted from directive 2011/65/EU, Annex II
2. Spot-test:
   - Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating;
   - The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.
   - Boiling-water-extraction:
     - Negative = Absence of Cr(VI) coating
     - Positive = Presence of Cr(VI) coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

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.
ATTACHMENTS

RoHS Testing Flow Chart

1) Name of the person who made testing: Bob Zhang/Gary Xu/Zengzhen Zhu/Sunny Qin
2) Name of the person in charge of testing: Jan Shi/Summer Jin/Jessy Huang/Stone Chen
3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr\(^{6+}\) and PBBs/PBDEs test method excluded)

Sample Preparation

Sample Measurement

Pb/Cd/Hg

Acid digestion with microwave/ hotplate

Filtration

Solution

Residue

1) Alkali Fusion / Dry Ashing
2) Acid to dissolve

PBBs/PBDEs

Sample solvent extraction

Concentration/ Dilution of extraction solution

Nonmetallic material

Adding digestion reagent

Heating to 90~95°C for extraction

Filtration and pH adjustment

Adding 1,5-diphenylcarbazide for color development

A red color indicates the presence of Cr\(^{6+}\). If necessary, confirm with UV-Vis.

Cr\(^{6+}\)

Metallic material

Positive

Spot test

Negative

Boiling water extraction

Adding 1,5-diphenylcarbazide for color development

DATA

ICP-OES/AAS

DATA

DATA

DATA

DG/MS

DATA

Heating to 90~95°C for extraction

Spot test

Positive

Negative

Boiling water extraction

Adding 1,5-diphenylcarbazide for color development

A red color indicates the presence of Cr\(^{6+}\). If necessary, confirm with UV-Vis.

DATA

DATA

DATA

DATA
SGS authenticate the photo on original report only

*** End of Report ***