

Test Report Date: 24 Feb 2017 No. CANEC1702120109 Page 1 of 4

DONGGUAN CHIU CHAO METAL TECHNOLOGY CO.,LTD HENG-JAING-SHA VIL, CHANG-PING TOWN, DONG-GUAN, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: Stainless Steel

CP17-006168 - SZ SGS Job No.:

Material: 904L

Date of Sample Received: 17 Feb 2017

Testing Period: 17 Feb 2017 - 24 Feb 2017

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).

Based on the performed tests on submitted sample(s), the results of Lead, Conclusion:

Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS

Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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

Alkene Liang

Approved Signatory



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Test Results:

### **Test Part Description:**

Specimen No. SGS Sample ID Description
SN1 CAN17-021201.003 Silvery metal

#### Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected ( < MDL)

(4) "-" = Not Regulated

### RoHS Directive (EU) 2015/863 amending Annex II to 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 ICP-OES.

(3) With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(4) With reference to IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric

Method using UV-Vis.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm²	0.10	ND

### Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) ▼= a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm2. The sample coating is considered to contain CrVI
  - b. The sample is negative for CrVI if CrVI is ND (concentration less than  $0.10 \,\mu g/cm2$ ). The coating is considered a non-CrVI based coating
  - c. The result between 0.10  $\mu$ g/cm2 and 0.13  $\mu$ g/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

http://www.cenelec.eu/dyn/www/f? p=104:30:1742232870351101::::FSP\_ORG\_ID, FSP\_LANG\_ID:1258637,25



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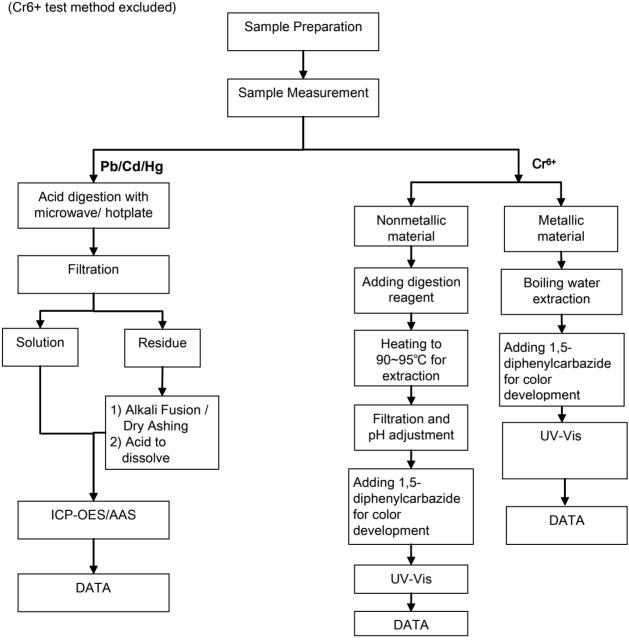
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### **ATTACHMENTS**

### Pb/Cd/Hg/Cr6+ Testing Flow Chart

- 1) Name of the person who made testing: Edith Zhang
- 2) Name of the person in charge of testing: Bella Wang
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart.





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Sample photo:



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