



Test Report (SVHC)

No. GZ1106075837/CHEM

Date: JUN 20, 2011

Page 1 of 7

CHANGJIANG CONNECTORS CO., LTD.

ZHU'AO INDUSTRIAL PARK NO. E BUILDING GUSHU VILLAGE BAO'AN DISTRICT, SHENZHEN

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

SGS Job No. : SZ13164436
SGS Internal Reference No. : 12.11
Client Reference Information : See remark
Date of Sample Received : JUN 14, 2011
Testing Period : JUN 14, 2011 TO JUN 20, 2011

Test Requested : As requested by client, SVHC screening is performed according to:
(i) Specified substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Dec 15, 2010 regarding Regulation (EC) No 1907/2006 concerning the REACH.
(ii) Specified potential SVHC in the public consultation list published by ECHA on February 21, 2011.

Test Result(s) : Please refer to next page(s).

Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.

PASS

Signed for and on behalf of
SGS-CSTC Ltd.

David Zhou
Approved Signatory

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Page 2 of 7

Remark :

- (1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
These lists are under evaluation by ECHA and may subject to change in the future.
- (2) In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).
- (3) Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.
- (4) If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample :

Sample Description :

Specimen No.	Description
001	Brassy metal sheet

Test Method :

SGS In-House method-GZTC CHEM-TOP-092-01, Analyzed by ICP-OES and UV-VIS.

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Guangzhou Environmental Chemical Laboratory

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Page 3 of 7

Test Result: (Substances in the Candidate List of SVHC)

Substance Name	CAS No.	EC No.	Concentration(%)	RL(%)
			001	
Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	-	N.D.	0.005
Ammonium dichromate*	7789-09-5	232-143-1	N.D.	0.005
Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.	0.005
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	7738-94-5 - 13530-68-2	231-801-5 - 236-881-5	N.D.	0.005
Chromium trioxide*	1333-82-0	215-607-8	N.D.	0.005
Cobalt dichloride*	7646-79-9	231-589-4	N.D.	0.005
Cobalt(II) carbonate*	513-79-1	208-169-4	N.D.	0.005
Cobalt(II) diacetate*	71-48-7	200-755-8	N.D.	0.005
Cobalt(II) dinitrate*	10141-05-6	233-402-1	N.D.	0.005
Cobalt(II) sulphate*	10124-43-3	233-334-2	N.D.	0.005
Diarsenic pentaoxide*	1303-28-2	215-116-9	N.D.	0.005
Diarsenic trioxide*	1327-53-3	215-481-4	N.D.	0.005
Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3	215-540-4	N.D.	0.005
Lead chromate*	7758-97-6	231-846-0	N.D.	0.005
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9	N.D.	0.005
Lead hydrogen arsenate*	7784-40-9	232-064-2	N.D.	0.005
Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	N.D.	0.005
Potassium chromate*	7789-00-6	232-140-5	N.D.	0.005
Potassium dichromate*	7778-50-9	231-906-6	N.D.	0.005
Sodium chromate*	7775-11-3	231-889-5	N.D.	0.005
Sodium dichromate*	7789-12-0 and 10588-01-9	234-190-3	N.D.	0.005
Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	N.D.	0.005
Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	-	N.D.	0.005

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Page 4 of 7

Test Results: (Substance in the Consultation List of potential SVHC)

Substance Name	CAS No.	EC No.	Concentration (%)	RL (%)
			001	
Strontium chromate*	7789-06-2	232-142-6	N.D.	0.005

Notes:

- (1). RL = Reporting Limit. All RL are based on homogenous material.
N.D. = Not detected (lower than RL), N.D. is denoted on the target compound.
- (2). * The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. For detail information, please refer to the SGS REACH website:
www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm

Calculated concentration of boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate are based on the water extractive boron and sodium by ICP-OES.

RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, sodium, chromium, chromium (VI), silicon, aluminum, zirconium, boron, potassium and strontium respectively), except molybdenum RL=0.0005%

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Remark:

Used for TERMINAL,PIN(Brass/Phosphor Bronze):

A0401,A0501,A0502,A1001, A1002 ,A1003, A1004,A1005,A1006,A1007,A1008,,A1009,A1201,
A1251, A1252, A1253, A1254, A1255, A1256, A1257,A1258,A1259,A1271, A1501, A1502,A1503,
A1561, A1562,A1563, A1801,A2001, A2002,A2003, A2004, A2005, A2006, A2007,A2008,
A2009,A2010,A2011,A2012,A2013,A2014,A2015,A2016,A2017,A2361,A2362,A2363, A2501, A2502,
A2503, A2504, A2505, A2506, A2507, A2508, A2509, A2510, A2511, A2512,A2513,A2514,A2515,
A2516,A2517, A2530,A2541,A2542, A2543, A2544,A2545, A2546,A2547, A2548,A2549,
A2550,A2551,A2552, A3501, A3502,A3503, A3961, A3962, A3963, A3964, A3965,A3966,A3967,
A4001, A5001, A5081, A5082, A6525,A7501, A7801,A7921, A11881,A13001,A13002,A13003,
A13004,A13005,A21201,B1000, B1251, B1501, B1502, B2011, B2012, B2512, B2513,B2514,B2515,
B2541, B3951, B3952, B3961, B5081,C1301, C1581, C1801, C1802,C2003, C2020, C2363, C2501,
C2504, C2521, C3030, C3961,C3962,C4140,C4201,C4501,C4801,C5030,C5081,C6201 ,C6202,C6351,
C6500,C7110,C8381,D0601,D0801,D1001,D1002,D1271,D2541,D3961,B1001,B1002,B1401,B1401,B1601,
B1602,B1603,B1604,B1801,B1802,B1803,B1804,B1805,B1806,B1807,B1808,B1816,B2401,B2401,B2401,
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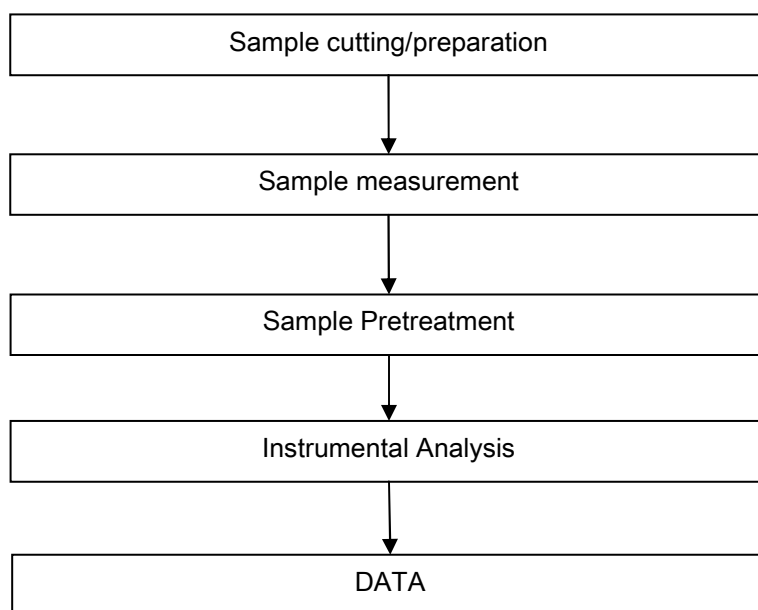
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ATTACHMENTS

SVHC Testing Flow Chart

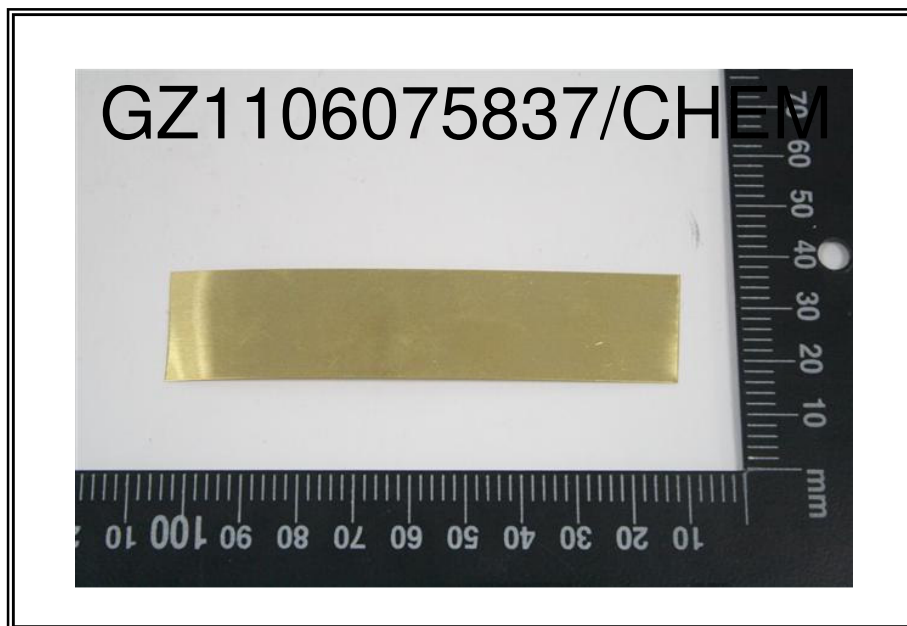
- 1) Name of the person who made testing: Bella Wang / Tina Zhao
- 2) Name of the person in charge of testing: Adams Yu / Ryan Yang



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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