



# TEST REPORT

LAB NO. : (9311)349-0412  
DATE : Dec 21, 2011  
PAGE : 1 OF 6

**APPLICANT** : **DONGGUAN OEMSERV CARGO SECURITY PRODUCTS CO., LTD**  
CHUANGYE YUAN INDUSTRIAL AREA, XINHE, WANGJIANG DISTRICT, DONGGUAN CITY, GUANGDONG PROVINCE, RPC

**CONTACT PERSON** : Ms Deng

**DATE OF SUBMISSION** : Dec 15, 2011

**TEST PERIOD** : Dec 15, 2011 to Dec 21, 2011

**NO. OF WORKING DAYS** : 5

**SAMPLE DESCRIPTION** : Wire Buckle

Color: /

Style No.: GWS30

P.O. No.: /

Country of Origin: /

Country of Destination: /

**MANUFACTURER** : /

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Heavy Metals Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	

RW

**Bureau Veritas Consumer Products Services (Guangzhou) Co.,Ltd**  
No. 183, Shinan Road, Meilin Plaza Block B, Dongchong, Panyu, Guangzhou, Guangdong Province, China 511453  
Tel: (86) 20 2290 2088 Fax:(86) 20 3490 9303  
Email: BVCPS\_pyinfo@cn.bureauveritas.com  
Website:cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.mtl-acts.com> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

C/N (9311)349-0412




LAB NO. : (9311)349-0412  
DATE : Dec 21, 2011  
PAGE : 2 OF 6

**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD**

PREPARED BY : Caidi Peng

APPROVED BY: 

**CHARLES WONG**  
**ANALYTICAL LAB MANAGER**

  
**JOEIE TSANG**  
**REGIONAL LABORATORY DIRECTOR**

**REMARK**

If there are questions or concerns on this report, please contact the following persons:

- a) GENERAL TEL: (86)755 83437287  
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695  
FAX: (86)755 83439100  
BUSINESS GZ TEL: (86) 20 83809765  
FAX: (86) 20 83278793

EMAIL: eechemical.sc@cn.bureauveritas.com  
WEBSITE: cps.bureauveritas.cn

Bureau Veritas Consumer Products Services (Guangzhou) Co.,Ltd  
Address: No.183, Shi Nan Road, Mei Lin Plaza Block B, Dong Chong, 511453  
Pan Yu, Guangzhou, Guang Dong, China  
Tel : (86)20-22902088 Fax : (86)20-22902098  
Website: www.bureauveritas.com/cps



LAB NO. : (9311)349-0412  
DATE : Dec 21, 2011  
PAGE : 3 OF 6

Photo of the Submitted Sample



Report Number  
(9311)349-0412



LAB NO. : (9311)349-0412  
DATE : Dec 21, 2011  
PAGE : 4 OF 6

### TEST RESULT

#### Heavy Metals Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

**Test Method** : See Appendix.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1	Iridescent plated silvery metal	buckle	-
See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Metallic material	
	Type II	Glass or ceramic material	
	Type III	Other non-metallic material except Type II	
-	Unit	Req.	Result
Test Item(s)	-	-	1
Type	-	I	I
Parameter	-	-	-
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	-	Negative	Negative*
<b>Conclusion</b>	-	-	PASS

Note / Key :

ND = Not detected  
NR = Not requested  
% = percent  
Detection Limit (mg/kg) :  
For Type I - Each (Pb, Cd & Hg) 2  
For Type II - Each (Pb, Cd, Hg & Cr VI) 2  
For Type III - Each (Pb, Cd, Hg & Cr VI) 2; Each PBBs 50; Each PBDEs 50

">" = Greater than  
mg/kg = milligram(s) per kilogram = ppm = part(s) per million  
10000 mg/kg = 1 %

Req. = Requirement

Remark :

- The list of analytes is summarized in table of Appendix.
- The test flowchart of heavy metals and flame retardants content is listed in table of Appendix.
- \*Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).
- According to European Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.

END

## APPENDIX

List of Analytes and their Corresponding Test Methods [ European Council Directive 2011/65/EU ] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to EN 62321: 2009, Clauses 8, 9 and 10.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to EN 62321: 2009, Clause 7.
4	Chromium VI (Cr VI)	<u>Metal</u> : With reference to EN 62321: 2009, Annex B <sup>[a]</sup> . <u>Polymers &amp; Electronics</u> : With reference to EN 62321: 2009, Annex C.
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to EN 62321: 2009, Annex A.
6	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	
[a]	The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.	

**Test Flowchart of Heavy Metals and Flame Retardants Content [ European Council Directive 2011/65/EU ] :**

