



UL-CCIC Company Limited

98 Hengshan Road,
Suzhou New District,
Suzhou 215009, China
Tel: 0512 6808 6400
Fax: 0512 6808 4099
www.UL-CCIC.com

July 31, 2006

Mr. Li Wenjun
Top-View Coils Products Co., Ltd.
Baishigang Industrial Zone, Changping Town, Dongguan, Guangdong, China

Subject: Testing for Restricted Substances Compliance Solutions
File RS3540 Project 06CA36657

Dear Mr. Li,

As requested in your correspondence of 06/28/2006, the tests have been completed as anticipated under the above referenced Project Number. The project scope, test method description and results are attached.

Please be informed that the issuance of this report in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition marks or any other reference to UL on or in connection with the product or system.

This Report contains the results of tests intended to determine only the amounts of certain substances, elements and/or compounds as specified by the Client. UL has not tested the samples submitted by the Client for any other substances, elements and/or compounds other than those specified by the Client and set forth in this test report.

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Thank you for the opportunity to provide your company with these services. With this letter, we are closing this Project. Please do not hesitate to contact us should you have any questions or comments.

Sincerely,

Jackie Yan
Engineer
Department: 7600ASUZ
Tel: 0512-68086400-66752
Fax: 0512-68086400-66752
E-mail: Jackie.Yan@cn.ul.com

Reviewed by:

Richard Li
Senior Staff Engineer
Department: 5302XGNK
E-mail: Richard.L.Li@us.ul.com



**Scope of Investigation**

The sole purpose of UL's testing was to develop data on the presence of lead, cadmium, mercury, hexavalent chromium, PBB and PBDE in product listed below by means of the analysis methods described herein as specified by the Top-View Coils Products Co., Ltd. ("Client"). The Client selected all samples provided to ("UL") for testing. UL did not determine and makes no representation as to whether the test samples provided by the Client were representative of any other products manufactured or sold by the Client. The results of this test report apply only to the test samples actually tested by UL and not to any other products manufactured or sold by the Client. Client represents and warrants that the samples are representative of the products manufactured or sold by client for which testing and/or data development is sought.

Testing Laboratory

Beijing Pony Centre for Physical and Chemical Analysis
4th FL., Bei Ke Building, No.27 Xi San Huan North Road, Hai Dian District, Beijing, 100089, PRC

Sample Description

Grey Ferrite Magnetic Core, Golden Varnished Copper Wire, Green Main Epoxy Resin Paint, Brown Epoxy Resin Coloured Ring Paint, and Silvery Tinned Copper Lead

Date(s) Tested

July 27, 2006

Test Results

Sample	Test Method(s)	Concentration (in ppm or mg/kg)					
		Lead	Cadmium	Mercury	Hexavalent Chromium	PBB	PBDE ¹
Grey Ferrite Magnetic Core, TVM-00005	E,G	<10	<5	<5	<5	NA	NA
Golden Varnished Copper Wire, TVM-00069	B,G,H	<40	<5	<5	<5	<20	<10
Green Main Epoxy Resin Paint, TVM-00275	B,G,H	<10	<5	<5	<5	<20	<10
Brown Epoxy Resin Coloured Ring Paint, TVM-00086	B,G,H	<10	<5	<5	<5	<20	<10
Silvery Tinned Copper Lead, TVM-00102	E,G	43	<5	<5	<5	NA	NA

ppm = parts per million

¹ The European COMMISSION DECISION of 13 October 2005 amends Directive 2002/95/EC ("Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment" or "RoHS") to add "DecaBDE in polymeric applications" to the list of exempt substances and applications as point 9a of the Annex ("Applications of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) which are exempted from the requirements of Article 4(1)"). Hereafter, Underwriters Laboratories Restricted Substance Compliance Solutions ("RSCS") database Reported Limit Values ("RLV's") for PBDE will not include measured amounts of DecaBDE in their calculation.
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Description Of Test Methods

- B. UL PROCEDURE (V1.2) FOR ELEMENTAL (Pb, Cd, Hg, Cr) ANALYSIS IN POLYMERIC AND RELATED MATERIALS, TECHNIQUE #1, MICROWAVE METHOD BASED ON US EPA 3052 (SAMPLE DIGESTION BY NITRIC ACID, HYDROCHLORIC ACID, AND HYDROGEN PEROXIDE) & ICP or AA SPECTROMETRIC DETECTION: A representative mass (typically ~0.3 g) of cryogenically milled sample (whenever possible) is digested in an acid matrix consisting of nitric, hydrochloric, and hydrogen peroxide (30%). Additional acid matrices may be used according to the type of material being digested. The sample and acid are placed in microwave vessels and heated in a closed vessel microwave system. After cooling, the vessel contents may be filtered, centrifuged, or allowed to settle and then decanted, diluted to volume. After sample digestion, the measurement of lead and cadmium is performed by ICP or AAS instrumental methods.
- E. UL PROCEDURE (V1.2) FOR ELEMENTAL (Pb, Cd, Hg, Cr) ANALYSIS IN METAL AND METAL ALLOYS, TECHNIQUE #3, MICROWAVE METHOD BASED ON US EPA 3052 (SAMPLE DIGESTION BY HYDROCHLORIC AND NITRIC ACID) & ICP or AA SPECTROMETRIC DETECTION: An appropriate mass of sample (~0.5 g) is digested in a hydrochloric / nitric acid solution, under elevated temperature and pressure via microwave furnace assistance. After sample digestion, the measurement of elements of interest is performed by ICP or Flame AAS instrumentation.
- G. UL PROCEDURE (V1.1) FOR SOLUBLE HEXAVALENT CHROMIUM (Cr^{+6}) ANALYSIS VIA ALKALINE DIGESTION & UV-VIS or IC COLOROMETRIC DETECTION BASED ON US EPA 3060A: An appropriate mass (typically 2 - 3 g) of cryogenically milled sample (whenever possible) undergoes an alkaline digestion to solubilize both water-insoluble and water soluble Cr(VI) compounds. Following careful pH control during the digestion, the Cr(VI) in the digestate undergoes reaction with diphenylcarbazide. The Cr(VI) content of the color complexed solution is then measured via VIS spectrophotometry or by ion chromatography (IC) with VIS detection.
- H. UL ANALYSIS GUIDELINE (V1.2) FOR POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS IN PLASTIC MATERIALS BY SOXHLET EXTRACTION AND GC/MS DETECTION: An appropriate mass (typically 0.1 g) of cryogenically milled plastic sample undergoes a soxhlet extraction with an organic solvent to solubilize the PBDE and PBB compounds. The extract is then analyzed by Gas Chromatography/Mass Spectrometry (GC/MS) and quantitated against calibrated standards.





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Mr. Li Wenjun
Top-View Coils Products Co., Ltd.
Baishigang Industrial Zone, Changping Town, Dongguan ,
Guangdong 523000
China

Our Reference: File RS3540 Surveillance Sample Form Date 5/25/2007
Your Reference: Li Wenjun
Subject: Restricted Substance Compliance Solutions (RSCS) Surveillance Sample Testing Results

Dear Li Wenjun:

Restricted Substance surveillance testing on samples accompanying the above referenced document and submitted from your Dongguan, Guangdong, China manufacturing facility has been completed. The test results are attached for your reference.

All samples tested complied with the Reported Limit Values (RLV) in the RSCS database. No further action is required relative to these test results.

Test Results

Sample	Test Method(s)	Concentration (ppm or mg/kg)					
		Lead	Cadmium	Mercury	Hexavalent Chromium	PBB	PBDE ¹
Grey Ferrite Magnetic Core, TVM-00005, ULID:100018532	E,G	<10	<5	<5	<5	NA	NA
Golden Varnished Copper Wire, TVM-00069, ULID:100018533	B,G,H	<10	<5	<5	<5	<20	<10
Silvery Tinned Copper Leader, TVM-00102, ULID:100018536	E,G	<10	<5	<5	<5	NA	NA
Green Main Epoxy Resin Paint, TVM-00275, ULID:100018534	B,G,H	<10	<5	<5	<5	<20	<10

ppm = parts per million

Your continued cooperation with the UL Restricted Substance Compliance Solutions Surveillance Program is greatly appreciated.

Very truly yours,

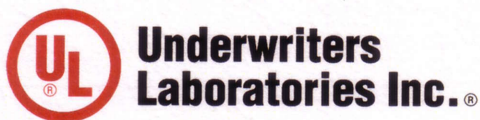
Tina Liu

Tina Liu
Laboratory Asst I
7600ASUZ
Tel: 0512-68086400-66838
Fax: 0512-68086400-66838
Tina.liu@cn.ul.com

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cc: NFF – Writer

¹ The European COMMISSION DECISION of 13 October 2005 amends Directive 2002/95/EC ("Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment" or "RoHS") to add "DecaBDE in polymeric applications" to the list of exempt substances and applications as point 9a of the Annex ("Applications of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) which are exempted from the requirements of Article 4(1)"). Hereafter, Underwriters Laboratories Restricted Substance Compliance Solutions ("RSCS") test results and database Reported Limit Values ("RLV's") for PBDE will not include measured amounts of DecaBDE in their calculation.
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CERTIFICATE OF PARTICIPATION

Restricted Substances Compliance Solutions

TOP-VIEW COILS PRODUCTS CO LTD

**BAISHIGANG INDUSTRIAL ZONE, CHANGPING TOWN, DONGGUAN
GUANGDONG CN**

Representative samples of the following products have been evaluated by Underwriters Laboratories Inc. in accordance with UL's Restricted Substance Compliance Solutions (RSCS) program. Refer to www.ul.com/rscs for additional RSCS program details.

File Number: RS3540

Printed on: 2007-7-27.

Product Name: Inductor
Model No. Color Coded Inductor

The UL RoHS product certification mark represents producers' ongoing commitment to maintain the levels of restricted substances below the levels specified in European RoHS directive. Products listed in this database have been tested down to the homogeneous material level, and the producers have submitted to an ongoing surveillance process which includes both management systems and sample testing.

This Certificate of Participation indicates that the above named company is a Participant in UL's Restricted Substances Compliance Solutions (RSCS) Program, that representative sample(s) of the specified product(s) have been found to comply with the requirements of UL's RSCS Program, and that such product(s) are eligible to bear the UL RoHS Mark as of the above referenced date. Only those products bearing the UL RoHS Certification Mark and the company's name, tradename, trademark or other authorized identification should be considered as being covered by UL's RoHS Certification and Surveillance Service. For more information on UL's RSCS Program and RoHS certification go to www.ul.com/rscs. This Certificate of Participation does not indicate acceptability of product(s) for Listing, Classification or Recognition by Underwriters Laboratories Inc.

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