

## Test Report

No. : CE/2010/A0316

Date : 2010/10/18

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DAH SAN ELECTRIC WIRE & CABLE CO., LTD.  
NO. 369, SEC. 3, YUNLIN RD., DOULIOU CITY,  
YUNLIN COUNTY 640, TAIWAN (R. O. C.)



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

Sample Description : COAXIAL CABLE  
Style/Item No. : RG-58CU  
Sample Receiving Date : 2010/10/04  
Testing Period : 2010/10/04 TO 2010/10/18

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321: 2008  
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

- (1) Determination of Cadmium by ICP-AES.
- (2) Application of modified digestion by surface etching, determination of Cadmium by ICP-AES.
- (3) Determination of Lead by ICP-AES.
- (4) Application of modified digestion by surface etching, determination of Lead by ICP-AES.
- (5) Determination of Mercury by ICP-AES.
- (6) Application of modified digestion by surface etching, determination of Mercury by ICP-AES.
- (7) Determination of Hexavalent Chromium by UV/Vis Spectrometry.
- (8) Determination of Hexavalent Chromium by Spot test / boiling water extraction Method.
- (9) Determination of PBB and PBDE by GC/MS.

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

  
Chenyu Kung / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory – Taipei

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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result					MDL
		No.1	No.2	No.3	No.4	No.5	
Cadmium (Cd)	(1)	n.d.	---	n.d.	n.d.	---	2
	(2)	---	n.d.	---	---	n.d.	2
Lead (Pb)	(3)	n.d.	---	17	n.d.	---	2
	(4)	---	455	---	---	240	2
Mercury (Hg)	(5)	n.d.	---	n.d.	n.d.	---	2
	(6)	---	n.d.	---	---	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(7)	n.d.	---	---	n.d.	---	2
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(8)	---	Negative	Negative	---	Negative	See Note 4
<b>Sum of PBBs</b>	(9)	n.d.	---	---	n.d.	---	-
Monobromobiphenyl		n.d.	---	---	n.d.	---	5
Dibromobiphenyl		n.d.	---	---	n.d.	---	5
Tribromobiphenyl		n.d.	---	---	n.d.	---	5
Tetrabromobiphenyl		n.d.	---	---	n.d.	---	5
Pentabromobiphenyl		n.d.	---	---	n.d.	---	5
Hexabromobiphenyl		n.d.	---	---	n.d.	---	5
Heptabromobiphenyl		n.d.	---	---	n.d.	---	5
Octabromobiphenyl		n.d.	---	---	n.d.	---	5
Nonabromobiphenyl		n.d.	---	---	n.d.	---	5
Decabromobiphenyl		n.d.	---	---	n.d.	---	5
<b>Sum of PBDEs</b>		n.d.	---	---	n.d.	---	-
Monobromodiphenyl ether		n.d.	---	---	n.d.	---	5
Dibromodiphenyl ether		n.d.	---	---	n.d.	---	5
Tribromodiphenyl ether		n.d.	---	---	n.d.	---	5
Tetrabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Pentabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Hexabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Heptabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Octabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Nonabromodiphenyl ether		n.d.	---	---	n.d.	---	5
Decabromodiphenyl ether		n.d.	---	---	n.d.	---	5

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