

## Test Report

No. : CE/2010/C0616

Date : 2010/12/10

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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 : 網路線  
Style/Item No. : CAT.5E  
Sample Receiving Date : 2010/12/03  
Testing Period : 2010/12/03 TO 2010/12/10

**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) Determination of Lead by ICP-AES.
- (3) Determination of Mercury by ICP-AES.
- (4) Determination of Hexavalent Chromium by UV/Vis Spectrometry.
- (5) Determination of Hexavalent Chromium by Spot test / boiling water extraction Method.
- (6) 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 Report

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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	
Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	n.d.	2
Lead (Pb)	(2)	n.d.	n.d.	n.d.	n.d.	2
Mercury (Hg)	(3)	n.d.	n.d.	n.d.	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	n.d.	n.d.	---	2
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(5)	---	---	---	Negative	See Note 4
<b>Sum of PBBs</b>	(6)	n.d.	n.d.	n.d.	---	-
Monobromobiphenyl		n.d.	n.d.	n.d.	---	5
Dibromobiphenyl		n.d.	n.d.	n.d.	---	5
Tribromobiphenyl		n.d.	n.d.	n.d.	---	5
Tetrabromobiphenyl		n.d.	n.d.	n.d.	---	5
Pentabromobiphenyl		n.d.	n.d.	n.d.	---	5
Hexabromobiphenyl		n.d.	n.d.	n.d.	---	5
Heptabromobiphenyl		n.d.	n.d.	n.d.	---	5
Octabromobiphenyl		n.d.	n.d.	n.d.	---	5
Nonabromobiphenyl		n.d.	n.d.	n.d.	---	5
Decabromobiphenyl		n.d.	n.d.	n.d.	---	5
<b>Sum of PBDEs</b>		n.d.	n.d.	n.d.	---	-
Monobromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Dibromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Tribromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Tetrabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Pentabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Hexabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Heptabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Octabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Nonabromodiphenyl ether		n.d.	n.d.	n.d.	---	5
Decabromodiphenyl ether		n.d.	n.d.	n.d.	---	5

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