

# Test Report

No. LPCI/21109/08  
CTS Ref. CTS/08/5133/Kamaya

Date : 2008/11/10

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**KAMAYA ELECTRIC (M) SDN BHD**  
**NO. 2, JALAN KLEBANG 1/5 ZONE, PERINDUSTRIAN BEBAS KINTA,**  
**JALAN KUALA KANGSAR, 31200 CHEMOR PERAK, MALAYSIA**

The following merchandise was (were) submitted and identified by the client as:

Sample Description : FIXED THICK FILM CHIP RESISTORS; Rectangular Type RMC 1/16S  
Sample Receiving Date : 2008/11/04  
Testing Period : 2008/11/04 to 2008/11/10

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

Test Method : (1) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV) for Cadmium Content.  
Analysis was performed by ICP  
(2) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV) for Lead Content.  
Analysis was performed by ICP  
(3) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV) for Mercury Content.  
Analysis was performed by ICP  
(4) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV) Annex C for Hexavalent Chromium.  
Analysis was performed by UV/Vis Spectrophotometry.  
(5) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV) for Antimony Content.  
Analysis was performed by ICP  
(6) With reference to IEC 62321/2<sup>nd</sup> (111/95/CDV). Determination of PBBs and PBDEs by GC/MS.

Test Results : Please refer to next page.

Analysts : Lim Meng Hoe & Jocelyn Christmas

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CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
LAB MANAGER

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

Test Item(s):	Method (refer to)	Result	MDL
Cadmium (Cd)	(1)	N.D.	2
Lead (Pb)	(2)	2290	2
Mercury (Hg)	(3)	N.D.	2
Hexavalent Chromium (CrVI)	(4)	N.D.	2
Antimony (Sb)	(5)	N.D.	2
<b>Sum of Polybrominated Biphenyl (PBBs)</b>	(6)	N.D.	-
Monobromobiphenyl		N.D.	5
Dibromobiphenyl		N.D.	5
Tribromobiphenyl		N.D.	5
Tetrabromobiphenyl		N.D.	5
Pentabromobiphenyl		N.D.	5
Hexabromobiphenyl		N.D.	5
Heptabromobiphenyl		N.D.	5
Octabromobiphenyl		N.D.	5
Nonabromobiphenyl		N.D.	5
Decabromobiphenyl		N.D.	5
<b>Sum of Polybrominated Diphenylethers (PBDEs)</b>		N.D.	-
Monobromodiphenyl ether		N.D.	5
Dibromodiphenyl ether		N.D.	5
Tribromodiphenyl ether		N.D.	5
Tetrabromodiphenyl ether		N.D.	5
Pentabromodiphenyl ether		N.D.	5
Hexabromodiphenyl ether		N.D.	5
Heptabromodiphenyl ether		N.D.	5
Octabromodiphenyl ether		N.D.	5
Nonabromodiphenyl ether		N.D.	5
Decabromodiphenyl ether		N.D.	5

Test Part Description :  
 As per page 3

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### Test Part Description :

Sample Description : FIXED THICK FILM CHIP RESISTORS; Rectangular Type RMC 1/16S

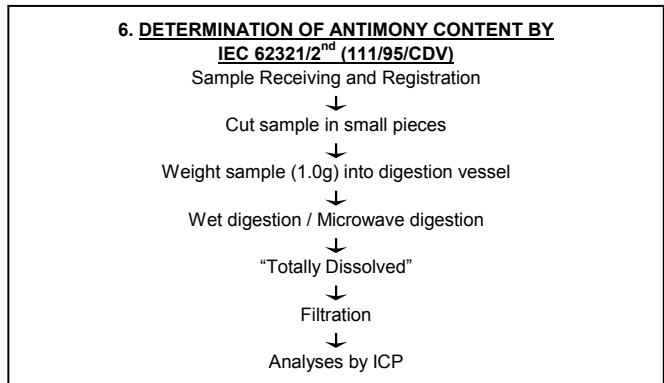
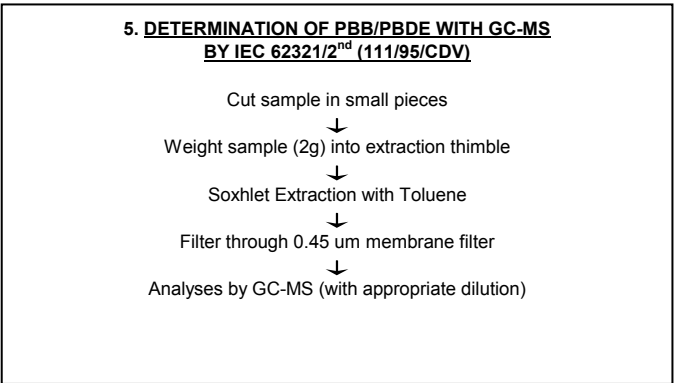
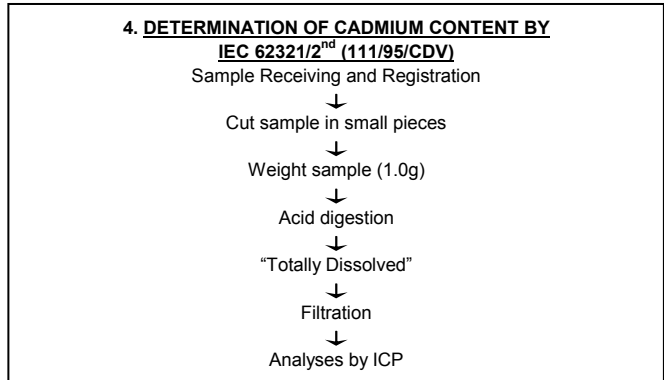
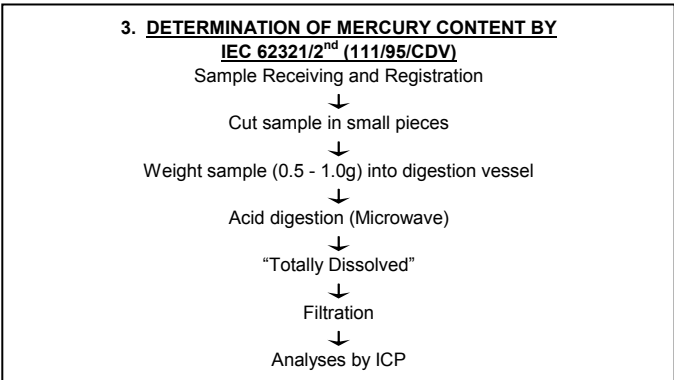
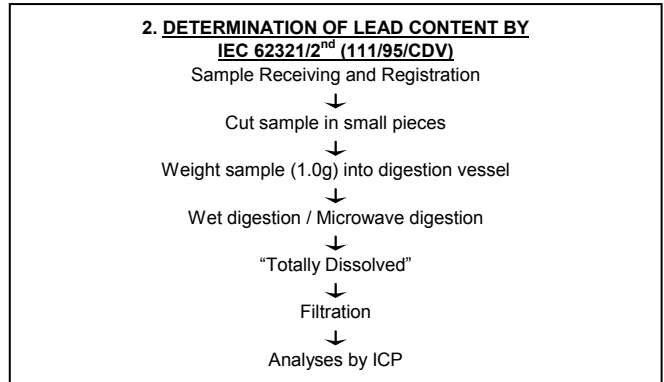
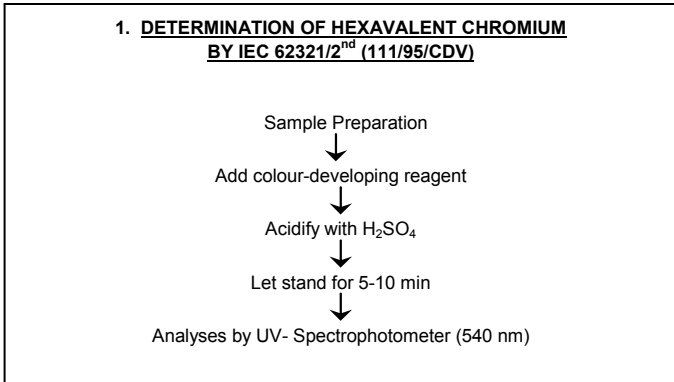
Note : (a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit

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\*\*\*\* End of Report \*\*\*\*

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