



Test Report

Report No. RLSZB000149820001

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Applicant SHENZHEN ARCHWAY ELECTRIC CO., LTD.

Address GONGXIAOSHE INDUSTRIAL ZONE, WEST JIANSHE ROAD, GONGMING TOWN,
BAO'AN DISTRICT, SHENZHEN

Report on the submitted sample(s) said to be

Sample Name 热缩套管
Sample Description Black plastic tube with white printing
Manufacturer ARCHWAY
Sample Received Date Mar. 7, 2009
Testing Period Mar. 7, 2009 to Mar. 13, 2009

Test Requested As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I), Polycyclic Aromatic Hydrocarbons(PAHs), Phthalates content in the submitted sample and it was tested as a whole.

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Tested by



Inspected by



Approved by

Technical Manager

Date

Mar. 13, 2009

No. 82076801



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Test Method

Test Item(s)	Pretreatment Method	Measured Equipment(s)	Report Limit
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2 mg/kg
Polybrominated Biphenyls(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Fluorine(F)	Refer to BS EN 14582:2007	IC	10 mg/kg
Chlorine(Cl)	Refer to BS EN 14582:2007	IC	10 mg/kg
Bromine(Br)	Refer to BS EN 14582:2007	IC	10 mg/kg
Iodine(I)	Refer to BS EN 14582:2007	IC	10 mg/kg
Phthalates	Refer to ASTM D3421	GC-MS	50 mg/kg
Polycyclic Aromatic Hydrocarbons(PAHs)	Refer to US EPA 8270D:2007	GC-MS	0.2 mg/kg

Test Result(s)

Test Item(s)	Content
Lead(Pb)	N.D.
Cadmium (Cd)	N.D.
Mercury(Hg)	N.D.
Hexavalent Chromium(Cr(VI))	N.D.

Test Item(s)	Content
Polybrominated Biphenyls(PBBs)	
Monobromobiphenyl	N.D.
Dibromobiphenyl	N.D.
Tribromobiphenyl	N.D.
Tetrabromobiphenyl	N.D.
Pentabromobiphenyl	N.D.
Hexabromobiphenyl	N.D.
Heptabromobiphenyl	N.D.
Octabromobiphenyl	N.D.
Nonabromobiphenyl	N.D.
Decabromobiphenyl	N.D.

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Test Item(s)	Content
Polybrominated Diphenyl Ethers(PBDEs)	
Monobromodiphenyl ether	N.D.
Dibromodiphenyl ether	N.D.
Tribromodiphenyl ether	N.D.
Tetrabromodiphenyl ether	N.D.
Pentabromodiphenyl ether	N.D.
Hexabromodiphenyl ether	N.D.
Heptabromodiphenyl ether	N.D.
Octabromodiphenyl ether	N.D.
Nonabromodiphenyl ether	N.D.
Decabromodiphenyl ether	N.D.
Test Item(s)	Content
Halogen(s)	
Fluorine (F)	N.D.
Chlorine (Cl)	944 mg/kg
Bromine (Br)	1527 mg/kg
Iodine (I)	N.D.

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Test Item(s)	Content
Phthalates	
Dimethyl phthalate(DMP)	N.D.
Diethyl phthalate(DEP)	N.D.
Dipropyl phthalate(DPRP)	N.D.
Diisobutyl phthalate(DIBP)	N.D.
Dibutyl phthalate(DBP)	N.D.
Dipentyl phthalate(DPP)	N.D.
Diheptyl phthalate(DHP)	N.D.
Benzylbutyl phthalate(BBP)	N.D.
Dicyclohexyl phthalate(DCHP)	N.D.
Di-2-ethylhexyl phthalate(DEHP)	N.D.
Diisooctyl phthalate(DIOP)	N.D.
Di-n-octyl phthalate(DNOP)	N.D.
Diisononyl phthalate(DINP)	N.D.
Diisodecyl phthalate(DIDP)	N.D.
Dinonyl phthalate(DNP)	N.D.
Diisononyl adipate(DINA)	N.D.

Test Item(s)	Content
Polycyclic Aromatic Hydrocarbons(PAHs)	
Naphthalene	N.D.
Acenaphthylene	N.D.
Acenaphthene	N.D.
Fluorene	N.D.
Phenanthrene	N.D.
Anthracene	N.D.
Fluoranthene	N.D.
Pyrene	N.D.
Benzo[a]anthracene	N.D.
Chrysene	N.D.
Benzo[b]fluoranthene	N.D.
Benzo[k]fluoranthene	N.D.
Benzo[a]pyrene	N.D.
Indenol[1,2,3-cd]pyrene	N.D.
Dibenz[a,h]anthracene	N.D.
Benzo[g,h,i]perylene	N.D.



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Note: **The sample had been dissolved totally tested for Lead, Mercury, Cadmium.**

-N.D. = Not Detected (<Report Limit)

-mg/kg = ppm = parts per million



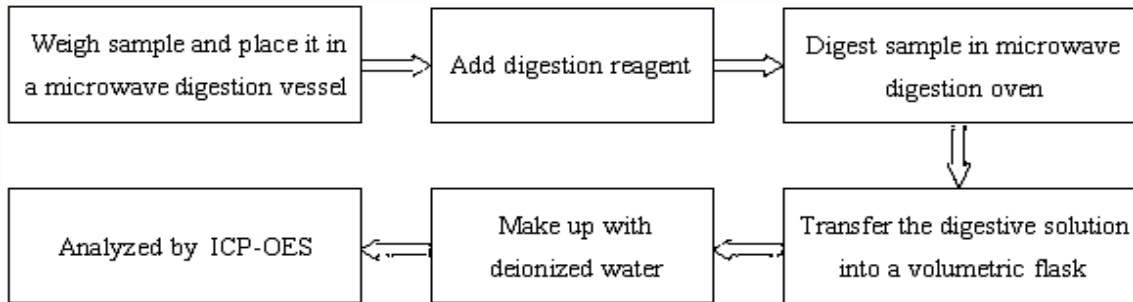
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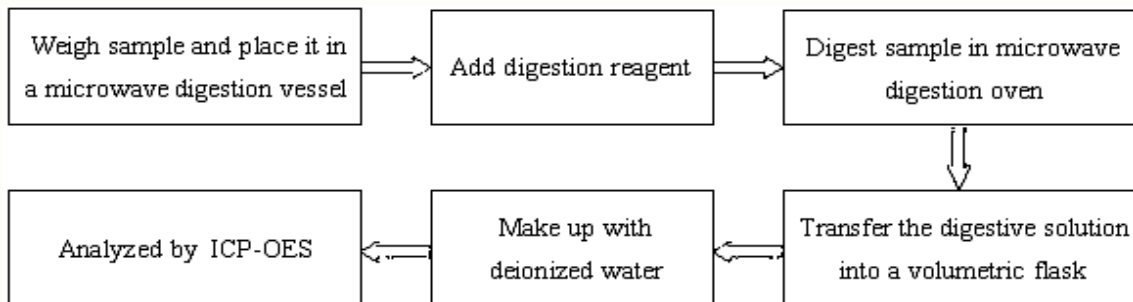
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Test Process

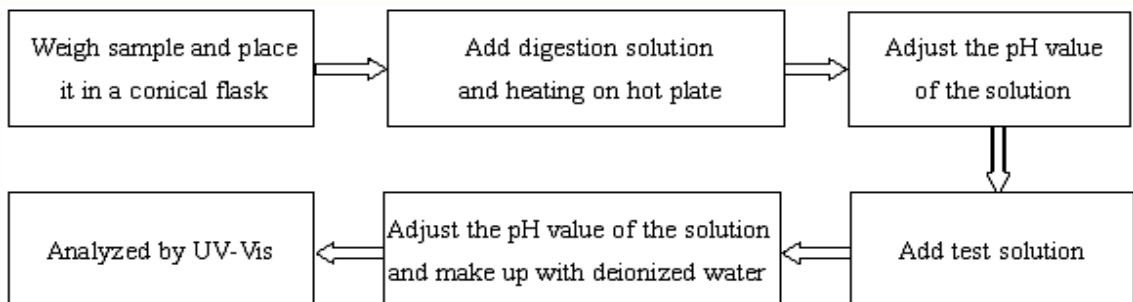
1. Lead(Pb), Cadmium(Cd)



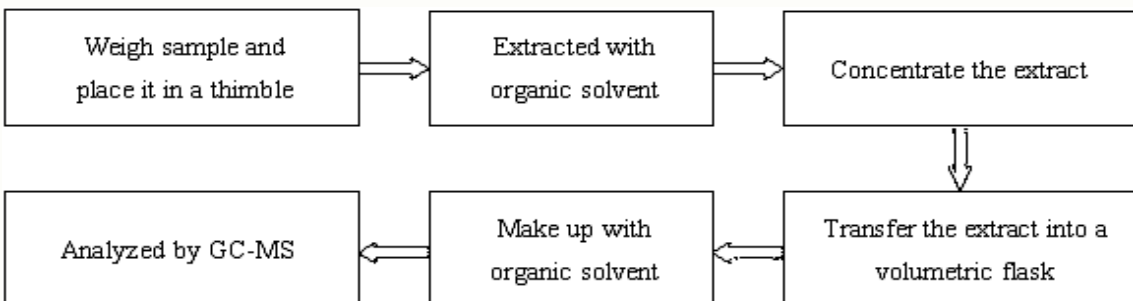
2. Mercury(Hg)



3. Hexavalent Chromium(Cr(VI))



4. Phthalates

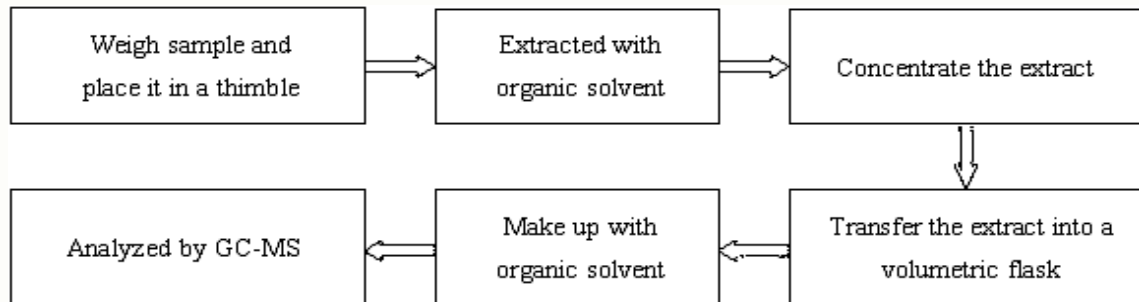


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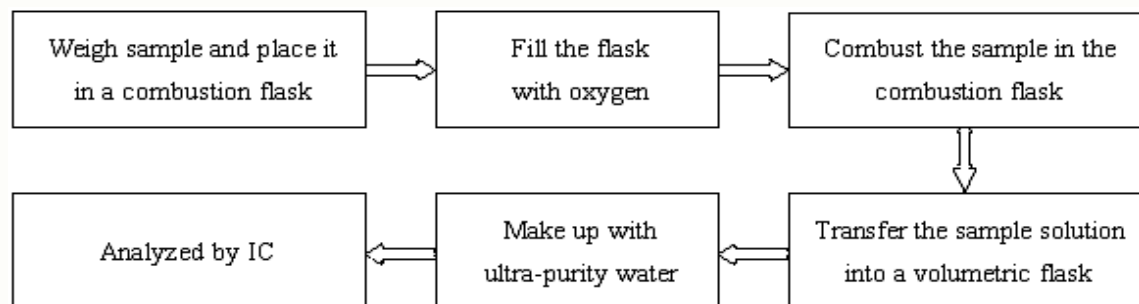
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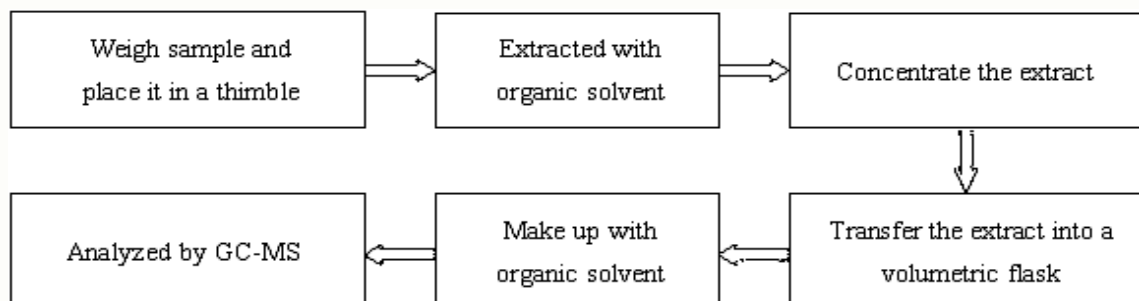
5. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



6. Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)



7. Polycyclic Aromatic Hydrocarbons(PAHs)

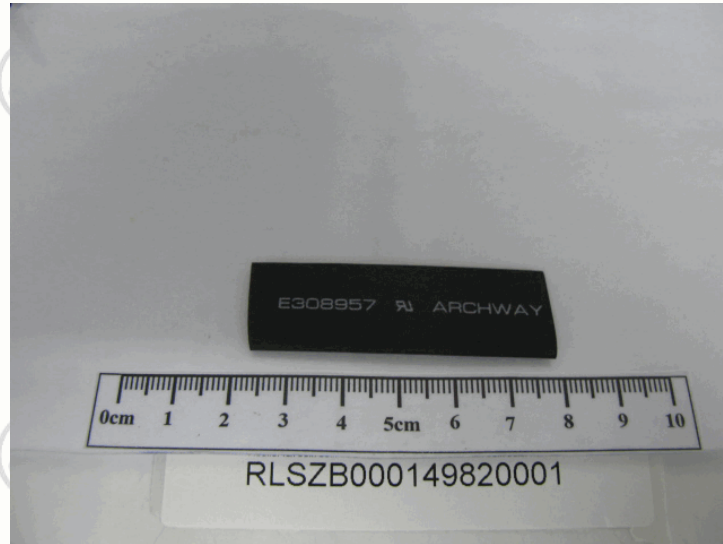


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Photo(s) of the sample(s)



*** End of report ***

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Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen