



Survey Report

INVAX SYSTEM TECHNOLOGY CORP.
CORTEC TECHNOLOGY INC.

No : CS/2006/B0199

Date : 2006/11/23

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

Sample Description : COAXIAL SERIES
Style/Item No : COAXIAL SERIES
Testing Period : 2005/01/28 TO 2006/07/17

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

* This report is combined with 4 copies of test reports which hereby certified by SGS through the verification of each above certification provided by client.*


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result(s)

PART NAME NO.1 : GRAY METAL(CE/2005/95123)
PART NAME NO.2 : IRON-GRAY METAL(CE/2006/46186)
PART NAME NO.3 : MIXED ALL PARTS(MULTILAYER FERRITE CHIP BEADS, MULTILAYER FERRITE CHIP INDUCTORS)(CE/2006/26763)
PART NAME NO.4 : MIXED ALL PARTS(MULTILAYER FERRITE CHIP BEADS, HIGH CURRENT FERRITE CHIP BEADS, BEAD ARRAY, MULTILAYER FERRITE COMMON MODE CHOKE)(CE/2006/22877)
PART NAME NO.5 : MIXED ALL PARTS(聚脂,聚胺基甲酸酯(2芯束絞漆包銅線))(CE/2006/57221)
PART NAME NO.6 : SILVER COLORED SOLDER(CE/2006/25828)
PART NAME NO.7 : MIXED ALL PARTS(IC)(CE/2006/26941)
PART NAME NO.8 : MIXED ALL PARTS(TOSHIBA SEMICONDUCTOR)(CE/2005/B6346A)
PART NAME NO.9 : MIXED ALL PARTS(BODY)(CE/2005/60638A NO.1)
PART NAME NO.10 : SILVER COLORED METAL PIN(CE/2005/60638A NO.2)
PART NAME NO.11 : BLACK EPOXY(CE/2005/91990B NO.3)
PART NAME NO.12 : SILVER COLORED METAL(CE/2006/20960A)
PART NAME NO.13 : MLCC(KA/2006/60498)
PART NAME NO.14 : THICK FILM CHIP RESISTORS & CHIP ARRAY(KA/2006/62695)
PART NAME NO.15 : SILVER COLORED METAL(CE/2006/31989A NO.1)
PART NAME NO.16 : SILVER COLORED PLATING(CE/2006/31989A NO.2)
PART NAME NO.17 : PET FILM (MYLAR)(KA/2005/B0923A-01)
PART NAME NO.18 : MIXED ALL PARTS(SYLGARD 170 A & B SILICONE ELASTOMER)(CE/2005/87166)
PART NAME NO.19 : COPPER/SILVER COLORED METAL(CE/2005/A2849)
PART NAME NO.20 : BLACK PASTE(CE/2006/21870)
PART NAME NO.21 : TRANSPARENT LIQUID(CE/2006/21871)
PART NAME NO.22 : WHITE INK(CE/2005/A0062)
PART NAME NO.23 : GREEN PCB(SH6006519/CHEM)
PART NAME NO.24 : BLACK PELLETS(CE/2005/C2222)
PART NAME NO.25 : COPPER COLORED METAL SHEET(C5191 (PBP))(CE/2006/30709)
PART NAME NO.26 : YELLOW TAPE(CE/2005/15543)
PART NAME NO.27 : LT. YELLOW LIQUID(CE/2006/21993)
PART NAME NO.28 : GOLDEN COLORED METAL(SZR0607121195405C)(CTI)
PART NAME NO.29 : GREEN LIQUID(GZ0603035698/CHEM)
PART NAME NO.30 : WHITE PLASTIC BAR(SH6060096/CHEM)

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Test Item(s):	Unit	Method	MDL	Result					
				NO.1	NO.2	NO.3	NO.4	NO.5	
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	---	---	N.D.	---	N.D.	
Dibromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Tribromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Tetrabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Pentabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Hexabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Heptabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Octabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Nonabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Decabromobiphenyl	ppm		5	---	---	N.D.	---	N.D.	
Total PBBs	ppm		-	---	---	N.D.	---	N.D.	
Monobromobiphenyl ether	ppm		With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	---	---	N.D.	---	N.D.
Dibromobiphenyl ether	ppm			5	---	---	N.D.	---	N.D.
Tribromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Tetrabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Pentabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Hexabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Heptabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Octabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Nonabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Decabromobiphenyl ether	ppm	5		---	---	N.D.	---	N.D.	
Total PBBEs(PBDEs)	ppm	-	---	---	N.D.	---	N.D.		
Total of Mono to Nona(Note 4)	ppm	-	---	---	N.D.	---	N.D.		

Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UVMis Spectrometry.	2	N.D.	N.D.	N.D.	---	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	---	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	---	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	N.D.	89.6	---	N.D.	N.D.

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Test Item(s):	Unit	Method	MDL	Result				
				NO.6	NO.7	NO.8	NO.9	NO.10
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.	N.D.	N.D.	N.D.	---
Dibromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Tribromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Tetrabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Pentabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Hexabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Heptabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Octabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Nonabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Decabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Total PBBs	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Monobromobiphenyl ether	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	-	N.D.	N.D.	N.D.	N.D.	---
Dibromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Tribromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Tetrabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Pentabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Hexabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Heptabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Octabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Nonabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Decabromobiphenyl ether	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Total PBBEs(PBDEs)	ppm		5	N.D.	N.D.	N.D.	N.D.	---
Total of Mono to Nona(Note 4)	ppm	-	N.D.	N.D.	N.D.	N.D.	---	

Test Item(s):	Unit	Method	MDL	Result				
				NO.6	NO.7	NO.8	NO.9	NO.10
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UVM/Vis Spectrometry.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	71.6	N.D.	11.0	---	24.8

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Test Item(s):	Unit	Method	MDL	Result					
				NO.11	NO.12	NO.13	NO.14	NO.15	
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	—	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Total PBBs	ppm		-	—	N.D.	N.D.	N.D.	N.D.	
Monobromobiphenyl ether	ppm		With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	—	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl ether	ppm			5	—	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Total PBBEs(PBDEs)	ppm	-		—	N.D.	N.D.	N.D.	N.D.	
Total of Mono to Nona(Note 4)	ppm	-		—	N.D.	N.D.	N.D.	N.D.	

Test Item(s):	Unit	Method	MDL	Result				
				NO.11	NO.12	NO.13	NO.14	NO.15
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UVM/Is Spectrometry.	2	—	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	—	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	—	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	26.4	N.D.	N.D.	254.0	N.D.

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Test Item(s):	Unit	Method	MDL	Result					
				NO.16	NO.17	NO.18	NO.19	NO.20	
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	—	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl	ppm		5	—	N.D.	N.D.	N.D.	N.D.	
Total PBBs	ppm		-	—	N.D.	N.D.	N.D.	N.D.	
Monobromobiphenyl ether	ppm		With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	—	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl ether	ppm			5	—	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl ether	ppm	5		—	N.D.	N.D.	N.D.	N.D.	
Total PBBEs(PBDEs)	ppm	-		—	N.D.	N.D.	N.D.	N.D.	
Total of Mono to Nona(Note 4)	ppm	-		—	N.D.	N.D.	N.D.	N.D.	

Test Item(s):	Unit	Method	MDL	Result				
				NO.16	NO.17	NO.18	NO.19	NO.20
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.	2	—	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	—	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	—	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	—	N.D.	N.D.	21.5	N.D.
Hexavalent Chromium (CrVI)	**	With reference to IEC 62321, Ed.1 111/54/CDV. Analysis was performed by UV-VIS	0.02mg/kg with 50 cm ² surface area	Negative	—	—	—	—

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Test Item(s):	Unit	Method	MDL	Result					
				NO.21	NO.22	NO.23	NO.24	NO.25	
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl	ppm		5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total PBBs	ppm		-	N.D.	N.D.	N.D.	N.D.	N.D.	
Monobromobiphenyl ether	ppm		With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl ether	ppm			5	N.D.	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromobiphenyl ether	ppm	5		N.D.	N.D.	N.D.	N.D.	N.D.	
Total PBBEs(PBDEs)	ppm	-		N.D.	N.D.	N.D.	N.D.	N.D.	
Total of Mono to Nona(Note 4)	ppm	-		N.D.	N.D.	N.D.	N.D.	N.D.	

Test Item(s):	Unit	Method	MDL	Result				
				NO.21	NO.22	NO.23	NO.24	NO.25
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	37.0	N.D.	17.6

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Test Item(s):	Unit	Method	MDL	Result					
				NO.26	NO.27	NO.28	NO.29	NO.30	
Monobromobiphenyl	ppm	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.	N.D.	---	N.D.	N.D.	
Dibromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Tribromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Tetrabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Pentabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Hexabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Heptabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Octabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Nonabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Decabromobiphenyl	ppm		5	N.D.	N.D.	---	N.D.	N.D.	
Total PBBs	ppm		-	N.D.	N.D.	---	N.D.	N.D.	
Monobromobiphenyl ether	ppm		With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.	N.D.	---	N.D.	N.D.
Dibromobiphenyl ether	ppm			5	N.D.	N.D.	---	N.D.	N.D.
Tribromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Tetrabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Pentabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Hexabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Heptabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Octabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Nonabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Decabromobiphenyl ether	ppm	5		N.D.	N.D.	---	N.D.	N.D.	
Total PBBEs(PBDEs)	ppm	-		N.D.	N.D.	---	N.D.	N.D.	
Total of Mono to Nona(Note 4)	ppm	-		N.D.	N.D.	---	N.D.	N.D.	

Test Item(s):	Unit	Method	MDL	Result				
				NO.26	NO.27	NO.28	NO.29	NO.30
Hexavalent Chromium (CrVI)	ppm	With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.	2	N.D.	N.D.	N.D.	---	N.D.
Cadmium (Cd)	ppm	With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	49.0	N.D.	N.D.
Mercury (Hg)	ppm	With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.	2	N.D.	N.D.	---	N.D.	N.D.

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Survey Report

INVAX SYSTEM TECHNOLOGY CORP.
CORTEC TECHNOLOGY INC.

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Test Item(s):	Unit	Method	MDL	Result				
				NO.26	NO.27	NO.28	NO.29	NO.30
Lead (Pb)	ppm	With reference to US EPA Method 3052 for Lead Content. Analysis was performed by ICP-AES.	2	—	—	36780.0	—	—
Hexavalent Chromium (CrVI)	ppm	With reference to IEC 62321, Ed.1 111/54/CDV. Analysis was performed by UV-VIS	2	—	—	—	N.D.	—

- Note :
1. mg/kg = ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
 5. Spot-test:
Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;
(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

6. "—" = Not Conducted
7. " - " = Not Regulated
8. "**" = Qualitative analysis (No Unit)

**** End of Report ****

SGS

Test Report

INVAX SYSTEM & TRADING CORP.
CORTEC TECHNOLOGY INC.
4F. No.815, CHUNG HSAIO EAST RD. SEC.5,
TAIPEI, TAIWAN, R.O.C.

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

Type of Product : ANTENNA
Style/Item No. : EM SERIES; IM SERIES; NB SERIES; AN SERIES
Sample Received : 2004/01/05 & 2004/04/23 & 2004/06/11 & 2004/06/24 &
2004/12/09 & 2005/01/26 & 2005/02/17
Testing Date : 2004/01/05 TO 2004/01/06 & 2004/04/23 TO 2004/04/28 &
2004/06/11 TO 2004/06/21 & 2004/06/24 TO 2004/07/01 &
2004/12/09 TO 2004/12/16 & 2005/01/26 TO 2005/01/28 &
2005/02/17 TO 2005/03/03

Test Result : - Please see the next page -

*This report is combined with reports of SZTYR050102512/LP & CE/2004/62767 &
GZSCR040100230/LP & CE/2004/61520 & GZSCR040413274/LP & GZSCR050207531/LP*


Daniel Yen, M.P., Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result

PART NAME NO.1 : BRASSY COLOR METAL BAR(SZTYR050102512/LP)
PART NAME NO.2 : BLACK PLASTIC SHEET(GZSCR040100230/LP)
PART NAME NO.3 : TAN TRANSPARENT LIQUID(GZSCR040413274/LP)
PART NAME NO.4 : BLACK PLASTIC JACKET(KHCX-32AWG-9B-TA)(CE/2004/61520)
PART NAME NO.5 : TRANSPARENT FEP JACKET(CE/2004/C1640)
PART NAME NO.6 : WHITE PALSTIC(CE/2004/62767)
PART NAME NO.7 : SILVER COLORED METAL WIRE(GZSCR050207531/LP NO. 1)
PART NAME NO.8 : TRANSPARENT LT. BROWN PLASTIC(GZSCR050207531/LP NO. 2)

Test Item (s):	Unit	Method	MDL	Result				
				No.1	No.2	No.3	No.4	No.5
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	---	---	N.D.	N.D.
PBBEs(PBDEs)(Polybrominated biphenyl ethers)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	---	---	N.D.	N.D.

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Test Item (s):	Unit	Method	MDL	Result				
				No.1	No.2	No.3	No.4	No.5
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.	---	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	22.0	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.	---	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	24600.0	6.0	N.D.	N.D.	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	---	N.D.
PBBEs(PBDEs)(Polybrominated biphenyl ethers)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	---	N.D.

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Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	---	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	---
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	---	N.D.	---
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	N.D.	---
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	15	---	---	N.D.
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	50	---	---	N.D.
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	15	---	---	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
AZO		As per LMBG 8202-2				
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
BENZIDINE (CAS NO.92-87-5)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.

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Test Item (s)	Unit	Method	MDL	Result		
				No.6	No.7	No.8
2-AMINO-4-NITROTOLUENE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
4,4-DIAMINODIPHENYLMETHANE (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
3,3-DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
3,3-DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
3,3-DIMETHYLBENZIDINE (CAS NO.119-93-7)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
3,3-DIMETHYL-4,4-DIAMINODIPHENYLMETHANE (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
P-CRESIDINE(2-METHOXY-5-METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
4,4-METHYLENE-BIS-(2-CHLORANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
4,4-OXYDIANILINE (CAS NO.101-80-4)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
4,4-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
O-TOLUIDINE (CAS NO.95-53-4)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.

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Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
2,4-TOLUYLENDIAMINE (CAS NO.93-80-7)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
O-ANISIDINE (CAS NO.90- 04-0)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	N.D.	---	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Mirex(CAS NO:002385-85- 5)	ppm	Analysis was performed by GC/MS.	4	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/ECD/MS.	0.5	N.D.	---	---

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Organic-tin compounds						
Triphenyl Tin(TPT)(CAS NO:000668-34-8)	ppm	With reference to 83/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	---	---	N.D.
Tributyl Tin(TBT)	ppm	With reference to 83/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	---	---	N.D.

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Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Asbestos						
Anthrophyllite(CAS NO.017068-78-9)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative
Crocidolite(CAS NO.012001-28-4)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative
Amosite(CAS NO.012172-73-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative
Tremolite(CAS NO.014567-73-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative
Chrysotile(CAS NO.012001-29-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative
Actinolite(CAS NO.013768-00-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	---	---	Negative

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/ECD/MS.	0.5	---	---	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Polychlorinated Naphthalene	ppm	With reference to USEPA 8081B. Analysis was performed by GC/MS.	5	---	---	N.D.

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Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
PVC (CAS No:9002-86-2)	**	Analysis was performed by FTIR/ATR and Pyro-GC/MS.	-	---	---	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Chlorinated Paraffin (C10-C13) (CAS NO:010871-26-2)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by GC/MS or GC/ECD.	0.01	---	---	N.D.

Test Item (s):	Unit	Method	MDL	Result		
				No.6	No.7	No.8
Formaldehyde(CAS No:000050-00-0)	ppm	With reference to DIN 53315 & USEPA 8315A method. Analysis was performed by HPLC/DAD/MS	0.2	---	---	N.D.

- NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) " --- " = Not Applicable
(5) " " = No Regulation
(6) * = Results shown are of the adjusted analytical results
(7) ** = Qualitative analysis (No Unit)
(8) Negative = Undetectable / Positive = Detectable
(9) The MDL is 5ppm for the single compound of CP

