



## TEST REPORT

No. : 4CT05-00286

Client : IN SUNG METAL CO., LTD.

Address : 767, Dangha-dong, Seo-gu, Incheon, Korea.

Sample Description : Phosphor Bronze Dome (SWITCHES CONTACT, etc)

Test Results :

Date Out : FEB. 01, 2005

Date In : JAN. 24, 2005

Test Date : FEB. 01, 2005

Items	Units	Results	Methods
Pb	mg/kg	20	ISO 4749:1998 (ICP-AES)
Cd	mg/kg	Not Detected (Detection limit 1)	ISO 5960:1984 (ICP-AES)
Hg	mg/kg	Not Detected (Detection limit 1)	JIS H 1066:1993 (AAS)
Cr <sup>6+</sup>	μg/EA	Not Detected (Detection limit 0.1)	ISO 3613:2000(E) (UV/Vis)

## RESULTS OF ANALYSIS

MODEL NO. IT - 1103A

### Test Result

PART NAME NO.1 : TERMINAL  
PART NAME NO.2 : CASE  
PART NAME NO.3 : CONTACT  
PART NAME NO.4 : STEM  
PART NAME NO.5 : COVER  
PART NAME NO.6 :  
PART NAME NO.7 :

Items	Unit	Method	Result						
			NO.1 (p2)	NO.2 (p3-4)	NO.3 (p5)	NO.4 (p3-4)	NO.5 (p5)	NO.6	NO.7
<b>PBBs ( Polybrominated Biphenyls)</b>									
Bromobiphenyl	mg/kg	GC-MS analysis	-	N.D.	-	N.D.	-		
Dibromobiphenyl			-	N.D.	-	N.D.	-		
Tribromobiphenyl			-	N.D.	-	N.D.	-		
Tetrabromobiphenyl			-	N.D.	-	N.D.	-		
Pentabromobiphenyl			-	N.D.	-	N.D.	-		
Hexabromobiphenyl			-	N.D.	-	N.D.	-		
Heptabromobiphenyl			-	N.D.	-	N.D.	-		
Octabromobiphenyl			-	N.D.	-	N.D.	-		
Decabromobiphenyl			-	N.D.	-	N.D.	-		

<b>PBDEs (Polybrominated Diphenyl Ethers)</b>									
Bromobiphenyl ether	mg/kg	GC-MS analysis	-	N.D.	-	N.D.	-		
Dibromobiphenyl ether			-	N.D.	-	N.D.	-		
Tribromobiphenyl ether			-	N.D.	-	N.D.	-		
Tetrabromobiphenyl ether			-	N.D.	-	N.D.	-		
Pentabromobiphenyl ether			-	N.D.	-	N.D.	-		
Hexabromobiphenyl ether			-	N.D.	-	N.D.	-		
Heptabromobiphenyl ether			-	N.D.	-	N.D.	-		
Octabromobiphenyl ether			-	N.D.	-	N.D.	-		
Decabromobiphenyl ether			-	N.D.	-	N.D.	-		

Items	Unit	Method	Result						
			NO.1	NO.2	NO.3	NO.4	NO.5	NO.6	NO.7
Pb	mg/kg	ISO 6101-2:1997(E) or ISO 4749:1998 (ICP-AES)	N.D.	N.D.	20	N.D.	N.D.		
Cd	mg/kg	BS EN 1122:2001(E) or ISO 5960:1984 (ICP-AES)	N.D.	N.D.	N.D.	N.D.	N.D.		
Hg	mg/kg	Microwave analysis or JIS H 1066:1993 (AAS)	N.D.	N.D.	N.D.	N.D.	N.D.		
Cr+6	mg/kg	ISO 3656-5:1984(E) or ISO 3613:2000(E) (UV/Vis)	N.D.	N.D.	N.D.	N.D.	N.D.		

\* test report - reference

N.D. = Not Detected