



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Test Report Number : CGZ3090722-02133-C

CTS (Ningbo) Testing Service Technology Co., Ltd.

Fl.2 South Huoju Building, No.181 Canghai Rd., Jiangdong High-tech Park, Ningbo China

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**TEST REPORT**

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DATE : Aug. 18, 2009
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1 General Information**1.1 Application Details**

Name : Guangzhou Video-Tech Electronics Co., Ltd
Address : F.6/No.7 Building, Huangzhou Industrial Area, Chebei Road, Tian He District, Guangzhou, Guangdong, China
Contact : /
Telephone : +86-020-38261205
Fax : +86-020-38628806
Mobile telephone : /
Email : calovtec@gmail.com

1.2 Details of wanted approval holder

Name : Guangzhou Video-Tech Electronics Co., Ltd
Address : F.6/No.7 Building, Huangzhou Industrial Area, Chebei Road, Tian He District, Guangzhou, Guangdong, China
Contact : /
Telephone : +86-020-38261205
Fax : +86-020-38628806
Mobile telephone : /
Email : calovtec@gmail.com

1.3 Manufacturer & Buyer

Manufacturer name : Guangzhou Video-Tech Electronics Co., Ltd
Address : F.6/No.7 Building, Huangzhou Industrial Area, Chebei Road, Tian He District, Guangzhou, Guangdong, China
Contact : /
Telephone : +86-020-38261205
Fax : +86-020-38628806
Mobile telephone : /
Email : calovtec@gmail.com
Buyer name : /

1.4 Description of the Test Item

Sample name : Video door phone system
Model No. : 591, 593, MR6L, C5-F4, PS2, 693(AT3), 692(AT2), 691(AT1), 6910(AT10), DJ2, PS4
Brand name : /
Condition of sample(s) : EFFECTIVE

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2 Test Results

2.1 General Information

2.1.1 Description of the Sample

Sample name : Video door phone system
Model No. : 591, 593, MR6L, C5-F4, PS2, 693(AT3), 692(AT2), 691(AT1),
6910(AT10), DJ2, PS4
Brand name : /

2.1.2 Sample Receiving Date

Jul. 22, 2009

2.1.3 Testing Period

Jul. 22, 2009 to Aug. 4, 2009

2.1.4 Test Requested

As specified by applicant, based on the list published by European chemicals agency (ECHA) on 2008 October 28 for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to determine the fifteen (15) Substances of Very High Concern (SVHC) content in the submitted sample.

2.1.5 Test Method and Test Instrument

Test Method: With refer to US EPA 3051A, US EPA3052, US EPA8770D, ISO 17353 2004-9
Test Instrument: ICP/OES, GC/MS, IC.

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2.2 Results

No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.1 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.A.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.A.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.A.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.A.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.A.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.A.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.A.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.A.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.A.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.2 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.A.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.A.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.A.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.A.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.A.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.A.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.A.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.A.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.A.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.3 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.A.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.A.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.A.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.A.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.A.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.A.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.A.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.A.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.A.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.4 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.A.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.A.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.A.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.A.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.A.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.A.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.A.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.A.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.A.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.5 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.D.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.D.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.D.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.D.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.D.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.D.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.D.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.D.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.D.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.6 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.D.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.D.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.D.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.D.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.D.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.D.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.D.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.D.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.D.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.7 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.D.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.D.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.D.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.D.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.D.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.D.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.D.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.D.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.D.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.8 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.D.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.D.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.D.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.D.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.D.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.D.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.D.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.D.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.D.	CMR

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No.	Item	CAS No.	EC No.	Unit	MQL	Result	Reason for proposing
						No.9 [△]	
1	Anthracene	120-12-7	204-371-1	%	0.005	N.D.	PBT
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	%	0.005	N.D.	CMR
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	%	0.005	N.D.	CMR
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	%	0.005	N.D.	CMR
5	Cobalt dichloride*	7646-79-9	231-589-4	%	0.05	N.D.	CMR
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	%	0.05	N.D.	CMR
7	Diarsenic trioxide*	1327-53-3	215-481-4	%	0.05	N.D.	CMR
8	Sodium dichromate, dehydrate [#]	7789-12-0, 10588-01-9	234-190-3	%	0.05	N.D.	CMR
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	%	0.005	N.D.	vPvB
10	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	%	0.005	N.D.	CMR
11	Hexabromocyclododecane (HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4, 221-695-9	%	0.005	N.D.	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	%	0.005	N.D.	PBT
13	Bis(tributyltin)oxide	56-35-9	200-268-0	%	0.005	N.D.	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	%	0.05	N.D.	CMR
15	Triethyl arsenate*	15606-95-8	427-700-2	%	0.05	N.D.	CMR

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Test Part Description :

No.1 : Metal crust part
No.2 : Metal wire + Contactor part
No.3 : Metal part of electric original fittings
No.4 : Metal screw + Fastner part
No.5 : Plastic part of crust
No.6 : PCB part
No.7 : Electric original fittings part
No.8 : Coating (all mixed)
No.9 : Key-press + Inner plastic component part

Note : 1. N.D. = not detected (less than MQL)
N.A. = not applicable
2. 1mg/kg=1ppm=0.0001%
3. MQL=Method Quantitation Limit
4. *The Substances are tested in term of their respective elements(e.g. As,Pb,Co).
5. #The Substances are tested in term of hexavalent chromium, Cr(VI).
6. According to the substances test result, substance(s) in this article are below a concentration of 0.1% (w/w).
7. The test results only apply to the materials requested by applicant.
8. [△]As requested by client, the testing was conducted as whole /part sample, for the sample can't be disjoined.

Written by:

Mili

Inspected by:

Annie

Approved by:

hyt

*** End of Report ***



The measurement results only apply to the submitted samples.
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3 Sample Reference Photo



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