TEST REPORT

EMTEK
Access to the World

Applicant	:	eKids, LLC. / KIDDESIGNS INC.
Address	:	1299, Main Street, Rahway, NJ 07065, U.S.A.
Sample Name	:	DISNEY FROZEN II LIGHT AND MUSIC SET
Style/Item No.	:	FR-300, FR-300.11Mv9M (FR-V111, FR-V124, FR-V165)
Factory	:	DJ Toys
Destination	:	EU
Country of Origin	:	CHINA
Sample Received Date	:	July 17, 2019
Testing Completed Date	:	July 30, 2019

Test Requested : As requested by the client, to evaluate the compliance of the submitted sample with EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Test Method :

1. Review was performed for the sample and the related Bill of Materials submitted by the Applicant.
2. a) Refer to the standard IEC 62321-3-1:2013: Screening by XRF Spectroscopy.
   b) Wet chemical test
      1) refer to IEC 62321-5: 2013, determine the Cadmium, Lead content by ICP-OES.
      2) refer to IEC 62321-4: 2013, determine the Mercury content by ICP-OES.
      3) refer to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determine the Hexavalent Chromium content by UV-VIS.
      4) refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls and Polybrominated Diphenyl Ethers by GC-MS.
      5) refer to IEC 62321-8:2017, determine the Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Diisobutyl phthalate(DIBP) by GC-MS.

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

Conclusion:

Basing on the test results obtained from the homogenous materials, the submitted sample **COMPLIES** with the EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863.

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by:	Reviewed by:	Approved by:
Kay Li	Carrie Zhang	Lisa Li
Report Engineer	Supervisor	Manager

Test Results:

1. Pb, Cd, Hg, Cr^{6+}, PBBs, PBDEs Test Results:

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
1	Handle-white soft plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
2	Up lid-blue hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
3	Up lid-button-blue hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
4	Up lid-button-white/black soft plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
5	Up lid-button-white PCB	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	X	ND		
		PBDEs			ND		

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
6	Up lid-button-white PCB-solder-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
7	Shell-white hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
8	Shell-multicolor coating	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
9	Base-power box-blue hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
10	Base-power lid-blue hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
11	Base-power lid-fixed screw-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
12	Base-power lid-fixed nut-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
13	Base-power lid-fixed nut-fixed lid-black hard plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
14	Base-power box-contact plate-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
15	Base-power box-spring-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
16	Base-power box- contact plate-solder-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
17	White PCB(CBSE27 A-G)	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	X	ND		
		PBDEs			ND		
18	White PCB(CBSE27 A-G)-solder-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
19	White PCB(CBSE27 A-G)-SMD resistor	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
20	White PCB(CBSE27 A-G)-SMD capacitor	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
21	White PCB(CBSE27 A-G)-SMD audion	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
22	White PCB(CBSE27 A-G)-SMD IC	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
23	White PCB(CBSE27 A-G)-SMD yellow LED	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
24	White PCB(CBSE27 A-G)-yellow glue	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
25	Contact line-white soft plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
26	Contact line-brown soft plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
27	Contact line-transparent soft plastic	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	BL			
		PBDEs					
28	Contact line-copper metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
29	Contact line-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					
30	Shell & up lid fixed screw-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					

No.	Sample description	Restricted substances	Analytical element	Results of EDXRF(1)	Results of Chemical Testing(2) (mg/kg)	Conclusion	Remark
31	Shell & base fixed screw-silver metal	Pb	Pb	BL	NA	Pass	No comment
		Cd	Cd	BL			
		Hg	Hg	BL			
		Cr^{6+}	Cr	BL			
		PBBs	Br	NA			
		PBDEs					

Test Results:

2. Phthalates (DBP, BBP, DEHP, DIBP) Test Results:

Test Item	Test Result (mg/kg)				Reporting Limit (mg/kg)	Requirement limit (mg/kg)
	1/2/3	4/5/7	8/9/10	13/17/19		
Dibutyl phthalate(DBP)	ND	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	ND	30	1000
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	ND	30	1000
Diisobutyl phthalate(DIBP)	ND	ND	ND	ND	30	1000
Conclusion	Pass	Pass	Pass	Pass	---	---

Test Item	Test Result (mg/kg)			Reporting Limit (mg/kg)	Requirement limit (mg/kg)
	20/21/22	23/24/25	26/27		
Dibutyl phthalate(DBP)	ND	ND	ND	30	1000
Benzylbutyl phthalate(BBP)	ND	ND	ND	30	1000
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	ND	30	1000
Diisobutyl phthalate(DIBP)	ND	ND	ND	30	1000
Conclusion	Pass	Pass	Pass	---	---

Note: mg/kg = parts per million = ppm ND = Not Detected (less than reporting limit)

Test Material List:

Item No.	Description
1	Handle-white soft plastic
2	Up lid-blue hard plastic
3	Up lid-button-blue hard plastic
4	Up lid-button-white/black soft plastic
5	Up lid-button-white PCB
7	Shell-white hard plastic
8	Shell-multicolor coating
9	Base-power box-blue hard plastic
10	Base-power lid-blue hard plastic
13	Base-power lid-fixed nut-fixed lid-black hard plastic
17	White PCB(CBSE27A-G)
19	White PCB(CBSE27A-G)-SMD resistor
20	White PCB(CBSE27A-G)-SMD capacitor
21	White PCB(CBSE27A-G)-SMD audion
22	White PCB(CBSE27A-G)-SMD IC
23	White PCB(CBSE27A-G)-SMD yellow LED
24	White PCB(CBSE27A-G)-yellow glue
25	Contact line-white soft plastic
26	Contact line-brown soft plastic
27	Contact line-transparent soft plastic

Note: As specified by the client, the samples were subjected to mixed testing.

Remark: (1) ① Results are obtained by XRF for primary screening, and further wet chemical testing by ICP-OES / AAS (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if an inconclusive result was found (as "X" in below table) (unit: mg/kg).

② OL = Over Limit, BL = Below Limit, X = Inconclusive, NA= Not Applicable.

③ XRF screening test for RoHS elements – The test result may be different from the actual content in the non-uniformity composition sample.

Element	Polymer	Metal	Composite Materials
Cd	BL $\leqslant$(70-3σ)< X <(130+3σ) $\leqslant$ OL	BL $\leqslant$(70-3σ)< X <(130+3σ) $\leqslant$ OL	LOD < X <(150+3σ)$\leqslant$ OL
Pb	BL $\leqslant$(700-3σ)< X <(1300+3σ)$\leqslant$ OL	BL $\leqslant$(700-3σ)< X <(1300+3σ)$\leqslant$ OL	BL $\leqslant$(500-3σ)< X <(1500+3σ)$\leqslant$ OL
Hg	BL $\leqslant$(700-3σ)< X <(1300+3σ)$\leqslant$ OL	BL $\leqslant$(700-3σ)< X <(1300+3σ)$\leqslant$ OL	BL $\leqslant$(500-3σ)< X <(1500+3σ)$\leqslant$ OL
Br	BL $\leqslant$ (300-3σ)< X	NA	BL $\leqslant$ (250-3σ)< X
Cr	BL $\leqslant$ (700-3σ)< X	BL $\leqslant$ (700-3σ)< X	BL $\leqslant$ (500-3σ)< X

(2) ① mg/kg = ppm = 0.0001%, ND = Not Detected (Less than reporting limit value.).

② Unit, Reporting Limit (RL) and Requirement limit in wet chemical test.

Test items	Pb	Cd	Hg	Cr^{6+}(Non-metal)	Cr^{6+}(metal)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL	2	2	2	2	2	5	5
Requirement Limit	1000	100	1000	1000	Negative	1000	1000

③ According to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, result on Cr^{6+} for metal sample shall be shown as Positive/Negative.

Negative = Absence of Cr^{6+} coating, Positive = Presence of Cr^{6+} coating.

Storage condition and production date of the tested sample are unavailable and thus results of Cr^{6+} represent status of the sample at the time of testing.

④ According to IEC 62321-3-1:2013, this column represents the results of wet chem test. And "NA" means no need to perform wet chem test, when the XRF screening results are acceptable.

Photo Appendix

* * * * * * **The End** * * * * * *

ANNEX

EXEMPTION LIST

1	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):
1(a)	For general lighting purposes < 30W: 5mg (expires on 31 December 2011; 3.5mg may be used per burner after 31 December 2011 until 31 December 2012; 2.5mg shall be used per burner after 31 December 2012)
1(b)	For general lighting purposes ≥ 30W and <50W: 5mg (expires on 31 December 2011; 3.5mg may be used per burner after 31 December 2011)
1(c)	For general lighting purposes ≥ 50W and <150W: 5mg
1(d)	For general lighting purposes ≥ 150W: 15mg
1(e)	For general lighting purposes with circular or square structural shape and tube diameter ≤17mm (no limitation of use until 31 December 2011; 7mg may be used per burner after 31 December 2011)
1(f)	For special purposes: 5mg
1(g)	For general lighting purposes < 30 W with a lifetime equal or above 20 000 h: 3,5 mg (Expires on 31 December 2017)
2(a)	Mercury in double-capped linear fluorescent lamps for general lighting purples not exceeding (per lamp):
2(a)(1)	Tri-band phosphor with normal lifetime and a tube diameter < 9mm (e.g. T2): 5mg (expires on 31 December 2011; 4mg may be used per lamp after 31 December 2011)
2(a)(2)	Tri-band phosphor with normal lifetime and a tube diameter ≥ 9mm and ≤ 17mm (e.g. T5): 5mg (expires on 31 December 2011; 3mg may be used per lamp after 31 December 2011)
2(a)(3)	Tri-band phosphor with normal lifetime and a tube diameter > 17mm and ≤ 28mm (e.g. T8): 5mg (expires on 31 December 2011; 3.5mg may be used per lamp after 31 December 2011)
2(a)(4)	Tri-band phosphor with normal lifetime and a tube diameter > 28mm (e.g. T12): 5mg (expires on 31 December 2012; 3.5mg may be used per lamp after 31 December 2012)
2(a)(5)	Tri-band phosphor with long lifetime (≥ 25000h): 8mg (expires on 31 December 2011; 5mg may be used per lamp after 31 December 2011)
2(b)	Mercury in other fluorescent lamps not exceeding (per lamp):
2(b)(2)	Non-linear halophosphate lamps (all diameters): 15mg (expires on 13 April 2016)
2(b)(3)	Non-linear tri-band phosphor lamps with tube diameter > 17mm (e.g. T9) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
2(b)(4)	Lamps for other general lighting and special purposes (e.g. induction lamps) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
3	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
3(a)	Short length (≤ 500mm) (No limitation of use until 31 December 2011; 3.5mg may be used per lamp after 31 December 2011)
3(b)	Medium length (> 500m and ≤ 1500mm) (No limitation of use until 31 December 2011; 5mg may be used per lamp after 31 December 2011)
3(c)	Long length (> 1500mm) (No limitation of use until 31 December 2011; 13mg may be used per lamp after 31 December 2011)
4(a)	Mercury in other low pressure discharge lamps (per lamp) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
4(b)	Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index Ra > 60:
4(b)-I	P ≤ 155W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
4(b)-II	155W < P ≤ 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
4(b)-III	P > 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
4(c)	Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):
4(c)-I	P≤ 155W (no limitation of use until 31 December 2011; 25mg may be used per burner after 31 December 2011)
4(c)-II	155W < P ≤405W (no limitation of use until 31 December 2011; 30mg may be used per burner after 31 December 2011)
4(c)-III	P > 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
4(d)	Mercury in High Pressure Mercury (vapour) lamps (HPMV) (expires on 13 April 2015)
4(e)	Mercury in metal halide lamps (MH)
4(f)	Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex
4(g)	Mercury in hand crafted luminous discharge tubes used for signs, decorative or architectural and specialist lighting and light-artwork, where the mercury content shall be limited as follows: (Expires on 31 December 2018) (a) 20 mg per electrode pair + 0,3 mg per tube length in cm, but not more than 80 mg, for outdoor applications and indoor applications exposed to temperatures below 20 ° C; (b) 15 mg per electrode pair + 0,24 mg per tube length in cm, but not more than 80 mg, for all other indoor applications.

ANNEX

EXEMPTION LIST

Continued

5(a)	Lead in glass of cathode ray tubes
5(b)	Lead in glass of fluorescent tubes not exceeding 0.2% by weight
6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight
6(b)	Lead as an alloying element in aluminium containing up to 0.4% lead by weight
6(c)	Copper alloy containing up to 4% lead by weight.
7(a)	Lead in high melting temperature type solders (i.e. lead based alloys containing 85% by weight or more lead)
7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125V AC or 250V DC or higher
7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125V AC or 250V DC (expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013).
7(c)-IV	Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors
8(a)	Cadmium and its compounds in one shot pellet type thermal cut-offs (expires on 1 January 2012 and after that date may be used in spare parts for EEE placed on the market before 1 January 2012)
8(b)	Cadmium and its compounds in electrical contacts
9	Hexavalent chromium as an anti-corrosion agent of the carbon steel cooling system in absorption refrigerators up to 0.75% by weight in the cooling solution
9(b)	Lead in bearing shells and bushes for refrigerant-containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR) applications
11(b)	Lead used in other than C-press compliant pin connector systems (expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013)
13(a)	Lead in white glasses used for optical applications
13(b)	Cadmium and lead in filter glasses and glasses used for reflectance standards
14	Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight (expires on 1 January 2011 and after that date may be used in spare parts for EEE placed on the market before 1 January 2011)
15	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages
17	Lead halide as radiant agent in High Intensity Discharge (HID) lamps used for professional reprography applications
18(b)	Lead as activator in the fluorescent powder (1% lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP ($BaSi_2O_5$:Pb)
21	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glass
24	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors
25	Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring
29	Lead bound in crystal glass as defined in Annex 1 (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC
30	Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more
31	Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)
32	Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes
33	Lead in solders for the soldering of thin copper wires of 100 µm diameter and less in power transformers
34	Lead in cermet-based trimmer potentiometer elements
37	Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body
38	Cadmium and cadmium oxide in thick film pastes used on aluminium bonded beryllium oxide
39	Cadmium in colour converting II-VI LEDs (< 10 µg Cd per mm^2 of light- emitting area) for use in solid state illumination or display systems (expires on 1 July 2014)
41	Lead in solders and termination finishes of electrical and electronic components and finishes of printed circuit boards used in ignition modules and other electrical and electronic engine control systems, which for technical reasons must be mounted directly on or in the crankcase or cylinder of hand-held combustion engines (classes SH:1, SH:2, SH:3 of Directive 97/68/EC of the European Parliament and of the Council (2)) (Expires on 31 December 2018)

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   Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.

3. 除非相关政府部门、法律或法院要求，否则未经公司预先书面同意，本公司毋需，也并无义务到法院对有关报告作证。

   The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

4. 除非本公司进行抽样，并已在报告中说明，否则报告中适用于送测的样品（样品信息为客户提供），不适用于批量。

   The Report refers only to the tested sample (Sample information is provided by customer) and does not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.

5. 如果本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。

   In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

6. 本公司接受样品进行测试的前提是，该测试报告不能作为针对本公司法律行动的依据。

   Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

7. 如因使用本公司中心任何报告内的资料，或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害，本公司概不负责。

   The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

8. 若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。

   Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

9. 该测试报告的支持数据和信息本公司保存10年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括（但不限于）补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权（包括疏忽）、产品责任或其他原因的惩罚性损害。

   Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

10. 报告的签发记录可通过登录http://www.emtek.com.cn/zhengshuchaxun.html查询。如需进一步查询报告有效性或核实报告，需与本公司联系。

    Issuance records of the Report are available on the internet at http://www.emtek.com.cn/zhengshuchaxun.html. Further enquiry of validity or verification of the Report should be addressed to the company.