

XRF Screening And Chemical Confirmation Test Report

Applicant: Zhongshan Gentech Electric Appliance Co.,Ltd

Donghe Road, XiaoLi District, Dongfeng Town, Zhongshan City,
Guangdong, China

Sample Description:

The following submitted sample(s) said to be:

Item Name : **Oven**
Model No. : JK48A02-RML
Ref. No. : See appendix
Date of Sample Received : Apr 04, 2018 & Apr 24, 2018 & May 02, 2018 & May 14, 2018
Testing Period : Apr 04, 2018 to May 07, 2018 & May 15, 2018

Tests conducted:

As requested by the applicant, refer to following page(s) for details.

Conclusion:

Tested Sample	Standard	Result
Tested components of submitted sample	Screening by XRF spectroscopy and chemical confirmation test for RoHS Directive (2011/65/EU)	Pass

Authorized by:

For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch:



Martin He
Senior Project Engineer



XRF Screening And Chemical Confirmation Test Report

Screening Test by XRF Spectroscopy

Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr) and Bromine (Br) content were measured with reference to IEC 62321-3-1 Edition 1.0: 2013 by XRF spectroscopy and chemical confirmation test for RoHS restricted substances.

(A) Results:

Screened Components	XRF Results		Chemical Confirmation Result
(1)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(2)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(3)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(4c)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(4d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(4e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(4i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(4k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(5)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(6)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(7)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(8)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(9)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(10c)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(10d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(10e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(10f)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10h)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(10k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(11a)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(11b)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(11c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(11d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(12)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(13)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(14)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(15)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(16)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(17)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(18)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(19)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(20b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(20f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(20h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20l)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(20m)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(20n)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20o)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(20p)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(20q)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20r)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20s)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(20t)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(20u)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(20v)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(21)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22a)	Cd	ND	NT
	Pb	Detected	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(22c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22d)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(22e)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(22f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(22g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(22i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(22j)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(22k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22l)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22m)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22n)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(22o)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22p)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22q)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22r)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22s)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22t)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(22u)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(22v)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(22w)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22x)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(22y)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(23)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(24)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(25)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(26)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(27)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(28)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(29)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(30)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31a)	Cd	ND	PBBs : ND(<5mg/kg)PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(31b)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(31c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(31f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(31j)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(32a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(32b)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(32d)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32h)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(32i)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(32j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(32k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(33)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(34c)	Cd	ND	Cr ⁶⁺ : ND(<10mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	ND	
(34d)	Cd	ND	Cr ⁶⁺ : ND(<10mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	ND	
(34e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(34f)	Cd	ND	Cr ⁶⁺ : ND(<10mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	ND	
(34g)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(34h)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(34i)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34j)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(34k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34l)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34m)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34n)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34o)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(34p)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34q)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34r)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34s)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(34t)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(35)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(36c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(36d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36e)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(36k)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36l)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36m)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36n)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36o)	Cd	ND	Pb: 1859mg/kg#2
	Pb	>1300mg/kg	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36p)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(36q)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36r)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(36s)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(36t)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36u)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36v)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36w)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36x)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36y)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36z)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(36aa)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ab)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ac)	Cd	ND	Pb: 2423mg/kg#2
	Pb	>1300mg/kg	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ad)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ae)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36af)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ag)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(36ah)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(36ai)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36aj)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ak)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36al)	Cd	>130mg/kg ^{#3}	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36am)	Cd	ND	Pb: 3209mg/kg ^{#2}
	Pb	>1300mg/kg	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36an)	Cd	ND	Pb: 3227mg/kg ^{#2}
	Pb	>1300mg/kg	
	Hg	ND	
	Cr	ND	
	Br	NT	
(36ao)	Cd	ND	Pb: 16863mg/kg ^{#1}
	Pb	>1300mg/kg	
	Hg	ND	
	Cr	ND	
	Br	NT	
(37)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(38)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(39)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(40)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(41)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(42)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(43)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(44)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(45)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(46)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(47)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(48)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(49)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(50)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(51)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(52)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(53)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(54)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(55a)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(55b)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(55c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(55d)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(55e)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(56)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(57)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(58a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(58b)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(58c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(58d)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58e)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(58f)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(58g)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58h)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(58i)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58j)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58k)	Cd	ND	NT
	Pb	>1500mg/kg#4	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58l1)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58l2)	Cd	ND	NT
	Pb	>1500mg/kg#4	
	Hg	ND	
	Cr	ND	
	Br	NT	
(58m)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(58n)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(58o)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(58p)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(59)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(60)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(61)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(62)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(63)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(64)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(65)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(66)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(67)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(68)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(69)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(70)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(71a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(71b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(71c)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(72)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(73)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(74)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(75)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(76)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(77)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(78)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(79)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(80)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(81)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(82)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(83)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(84)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(85)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(86)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(87)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(88)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(89)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(90)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(91)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(92)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(93)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(94)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(95)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(96)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(97)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(98)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(99)	Cd	ND	Cr ⁶⁺ : 110 mg/kg
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	ND	
(100)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(101)	Cd	ND	PBBs : ND(<5mg/kg) PBDEs : ND(<5mg/kg)
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	Inconclusive	
(102)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(103)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(104)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	Detected	
	Br	ND	
(105)	Cd	ND	Cr ⁶⁺ : Negative(<0.10 µg/cm ²)
	Pb	ND	
	Hg	ND	
	Cr	Inconclusive	
	Br	NT	
(106)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(107)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(108a)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	
(108b)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(109)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	
(110)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	ND	



XRF Screening And Chemical Confirmation Test Report

Screened Components	XRF Results		Chemical Confirmation Result
(111)	Cd	ND	NT
	Pb	ND	
	Hg	ND	
	Cr	ND	
	Br	NT	

Appendix:

Testing Item	Result	
	20t	28
Polybrominated Biphenyls (PBBs)(mg/kg)		
Monobromobiphenyl (MonoBB)	ND	ND
Dibromobiphenyl (DiBB)	ND	ND
Tribromobiphenyl (TriBB)	ND	ND
Tetrabromobiphenyl (TetraBB)	ND	ND
Pentabromobiphenyl (PentaBB)	ND	ND
Hexabromobiphenyl (HexaBB)	ND	ND
Heptabromobiphenyl (HeptaBB)	ND	ND
Octabromobiphenyl (OctaBB)	ND	ND
Nonabromobiphenyl (NonaBB)	ND	ND
Decabromobiphenyl (DecaBB)	ND	ND
Polybrominated Diphenyl Ethers (PBDEs)(mg/kg)		
Monobromodiphenyl Ether (MonoBDE)	ND	ND
Dibromodiphenyl Ether (DiBDE)	ND	ND
Tribromodiphenyl Ether (TriBDE)	ND	ND
Tetrabromodiphenyl Ether (TetraBDE)	ND	ND
Pentabromodiphenyl Ether (PentaBDE)	ND	ND
Hexabromodiphenyl Ether (HexaBDE)	ND	ND
Heptabromodiphenyl Ether (HeptaBDE)	ND	ND
Octabromodiphenyl Ether (OctaBDE)	ND	ND
Nonabromodiphenyl Ether (NonaBDE)	ND	ND
Decabromodiphenyl Ether (DecaBDE)	19	30

Detected = Below the lower screening limit of table (B) and pass

ND = Not detected

NT = Not tested

Negative = A negative test result indicated the concentration of Cr(VI) is less than threshold of 0.10µg/cm² for boiling-water-extraction procedures by UV-VIS Spectrophotometer analysis. The coating is considered a non-Cr(VI) based coating.



XRF Screening And Chemical Confirmation Test Report

Remark:

- (#1) = As claimed by the declaration submitted from the applicant, the Lead content of the component comes from Copper alloy only. According to EU RoHS Directive (2011/65/EU), Lead in Copper alloy containing up to 4% (40,000 mg/kg) Lead by weight can be exempted.
- (#2) = As claimed by the declaration submitted from the applicant, the Lead content of the component comes from steel for machining purposes / galvanized steel only. According to EU RoHS Directive (2011/65/EU), Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% (3,500 mg/kg) Lead by weight can be exempted.
- (#3) = As claimed by the declaration submitted from the applicant, the cadmium content of the component comes from the constituent of electrical contact only. According to EU RoHS Directive (2011/65/EU), cadmium in electronic contact of the component can be exempted.
- (#4) = As claimed by the declaration submitted from the applicant, the Lead content of the component comes from the constituent of high melting temperature type solders (i.e. Lead-based alloys containing 85% by weight or more Lead) only. According to EU RoHS Directive (2011/65/EU), Lead in high melting temperature type solders of the component can be exempted.

(B) XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 150 \leq F$
Pb	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Hg	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Cr	$P \leq 700 < X$	$P \leq 700 < X$	$P \leq 500 < X$
Br	$P \leq 300 < X$	Not applicable	$P \leq 250 < X$

P = Pass

X = Inconclusive result

F = Fail

mg/kg = milligram per kilogram = ppm

(C) Estimated Detection Limits in mg/kg for Regulated Elements in Various Matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	50	70	70
Pb	100	200	200
Hg	100	200	200
Cr	100	200	200
Br	200	Not applicable	200



XRF Screening And Chemical Confirmation Test Report

Disclaimers:

This XRF Screening and Chemical Confirmation Test Report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF Screening and Chemical Confirmation Test Report is sufficient for its/his/her purposes.

The results shown in this XRF Screening and Chemical Confirmation Test Report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis is required to obtain quantitative data.

(D) Chemical Confirmation Test Methods:

Testing Item	Testing Method	Reporting Limit
Lead (Pb) Content	With reference to IEC 62321-5 Edition 1.0:2013, by acid digestion and determined by ICP - OES	2 mg/kg
Chromium (VI)(Cr ⁶⁺) Content	With reference to IEC 62321-7-2 Edition 1.0:2017, Hexavalent chromium – Determination of hexavalent chromium (Cr(VI) in polymers and electronics by the colorimetric method	10 mg/kg
Chromium (VI) (Cr ⁶⁺) Content	With reference to IEC 62321-7-1 edition 1.0:2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.10 µg/cm ²
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321-6 edition 1.0:2015, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary	5 mg/kg

(E) RoHS Requirement:

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)

The above limits were quoted from 2011/65/EU for homogeneous material.



XRF Screening And Chemical Confirmation Test Report

Screened components:

- (1) Black plastic
- (2) Silvery metal
- (3) Silvery metal
- (4) Temperature controller
- (4a) Silvery metal
- (4b) White ceramic
- (4c) Copper color metal with printing
- (4d) Blue ceramic
- (4e) Copper color metal
- (4f) Silvery metal
- (4g) Silvery/copper color metal(point)
- (4h) White ceramic
- (4i) Copper color metal
- (4j) Silvery/copper color metal(point)
- (4k) Silvery metal
- (5) Silvery metal
- (6) Silvery metal
- (7) Silvery metal excluding coating
- (8) Silvery metal
- (9) Silvery metal
- (10) Temperature controller
- (10a) Silvery metal
- (10b) Black plastic
- (10c) Copper color metal with printing
- (10d) White ceramic
- (10e) Black plastic
- (10f) Silvery/copper color metal(point)
- (10g) Silvery metal
- (10h) Silvery/copper color metal(point)
- (10i) Copper color metal
- (10j) Silvery metal
- (10k) Silvery metal
- (11) Heating tube
- (11a) Silvery metal
- (11b) Silvery metal axle
- (11c) White powder
- (11d) Silvery metal wire
- (12) White ceramic
- (13) Silvery metal
- (14) Black metal with black vacuum plated coating
- (15) Silvery metal



XRF Screening And Chemical Confirmation Test Report

- (16) Silvery metal
- (17) Silvery metal
- (18) Black plastic
- (19) Silvery metal
- (20) Synchronous motor
- (20a) Silvery plastic with black printing
- (20b) Silvery metal
- (20c) Silvery metal
- (20d) Silvery metal
- (20e) Silvery metal
- (20f) Silvery metal
- (20g) Black plastic
- (20h) Silvery metal
- (20i) Silvery metal
- (20j) Silvery metal
- (20k) Silvery metal
- (20l) White plastic
- (20m) White plastic
- (20n) Silvery metal
- (20o) Black magnet
- (20p) White plastic
- (20q) Silvery metal
- (20r) Silvery metal
- (20s) Copper color metal wire
- (20t) Black plastic
- (20u) Yellow sticky plastic
- (20v) White/red fiberglass
- (21) Silvery metal
- (22) A~y
- (22a) Silvery metal
- (22b) White cotton
- (22c) Golden metal
- (22d) Silvery metal
- (22e) Silvery metal
- (22f) Copper color metal
- (22g) Copper color metal wire
- (22h) White fiberglass
- (22i) Silvery plastic label with black printing
- (22j) Beige plastic
- (22k) Silvery metal
- (22l) Silvery metal
- (22m) Silvery metal
- (22n) Silvery metal



XRF Screening And Chemical Confirmation Test Report

- (22o) Solder
- (22p) Silvery metal
- (22q) Silvery metal
- (22r) Silvery metal with green printing
- (22s) Silvery metal
- (22t) Black plastic
- (22u) White plastic
- (22v) White glue
- (22w) Silvery metal
- (22x) Silvery metal
- (22y) Silvery metal
- (23) Silvery metal
- (24) Silvery metal
- (25) Black/withe coating on metal
- (26) Silvery metal excluding coating
- (27) Silvery metal
- (28) Black plastic
- (29) Red plastic
- (30) Silvery metal
- (31) Potentiometer
- (31a) Black plastic
- (31b) Black plastic
- (31c) Silvery metal(spring)
- (31d) Silvery metal
- (31e) Silvery metal
- (31f) Silvery metal
- (31g) Silvery/copper color metal(point)
- (31h) Silvery/copper color metal(point)
- (31i) Copper color metal
- (31j) Black plastic
- (32) Potentiometer
- (32a) Black plastic
- (32b) Silvery/copper color metal(point)
- (32c) Silvery metal
- (32d) Silvery/copper color metal(point)
- (32e) Silvery metal
- (32f) Silvery metal
- (32g) Silvery metal
- (32h) Black plastic
- (32i) Black plastic
- (32j) Silvery metal(spring)
- (32k) Silvery metal
- (33) Silvery metal



XRF Screening And Chemical Confirmation Test Report

- (34) Temperature controller
- (34a) Silvery metal
- (34b) White ceramic
- (34c) Purple ceramic
- (34d) Purple ceramic
- (34e) White glue
- (34f) Purple ceramic
- (34g) Copper color metal
- (34h) Copper color metal
- (34i) Silvery/copper color metal(point)
- (34j) Silvery metal
- (34k) Silvery metal with black printing
- (34l) Silvery/copper color metal(point)
- (34m) Silvery metal
- (34n) Silvery metal
- (34o) White fiberboard
- (34p) Silvery metal
- (34q) Silvery metal
- (34r) Golden metal
- (34s) Black treated metal
- (34t) Silvery metal
- (35) Silvery metal
- (36) A~an
- (36a) Silvery metal
- (36b) Silvery metal
- (36c) Black plastic
- (36d) Golden metal
- (36e) Silvery/copper color metal(point)
- (36f) Copper color metal
- (36g) Golden metal
- (36h) Black treated metal(spring)
- (36i) Silvery metal
- (36j) Silvery metal
- (36k) Silvery metal with black printing
- (36l) Silvery metal
- (36m) Silvery metal
- (36n) Silvery metal
- (36o) Silvery metal
- (36p) Silvery metal
- (36q) Silvery metal
- (36r) Black plastic
- (36s) Silvery metal
- (36t) Black treated metal(spring)



XRF Screening And Chemical Confirmation Test Report

- (36u) Black treated metal
- (36v) Silvery metal
- (36w) Silvery metal
- (36x) Silvery metal
- (36y) Silvery metal
- (36z) Silvery metal
- (36aa) Silvery metal
- (36ab) Golden metal
- (36ac) Silvery metal
- (36ad) Silvery metal
- (36ae) Silvery metal
- (36af) Black treated metal
- (36ag) Silvery metal(spring)
- (36ah) Silvery metal
- (36ai) Silvery metal
- (36aj) Silvery metal
- (36ak) Silvery metal
- (36al) Silvery/copper color metal(point)
- (36am) Silvery metal
- (36an) Silvery metal
- (36ao) Golden metal
- (37) Silvery metal
- (38) Silvery metal
- (39) Silvery metal
- (40) Silvery metal
- (41) Black treated metal(spring)
- (42) Black treated metal(spring)
- (43) Black plastic
- (44) Black treated metal(spring)
- (45) Silvery metal
- (46) Silvery metal
- (47) Silvery metal
- (48) Transparent glass
- (49) Silvery metal excluding coating
- (50) Silvery metal
- (51) Black plastic
- (52) Silvery metal
- (53) Silvery metal
- (54) Silvery metal
- (55) Heating tube
- (55a) Silvery metal with green coating(crust)
- (55b) Silvery metal axle
- (55c) White powder



XRF Screening And Chemical Confirmation Test Report

- (55d) Silvery metal wire
- (55e) White ceramic
- (56) Silvery metal
- (57) Silvery metal
- (58) Bulb
- (58a) Transparent glass
- (58b) Silvery metal
- (58c) White ceramic
- (58d) Golden metal
- (58e) Silvery metal
- (58f) Transparent glass
- (58g) Silvery metal
- (58h) Silvery metal
- (58i) Dark silvery metal
- (58j) Golden metal
- (58k) Solder
- (58l) L1~I2
- (58l1) Silvery metal with copper color vacuum plated coating
- (58l2) Solder
- (58m) Black ceramic
- (58n) Brown material
- (58o) Silvery metal
- (58p) Silvery metal
- (59) Light red brown soft plastic
- (60) Brown soft plastic
- (61) White fiberglass
- (62) White plastic
- (63) Silvery metal
- (64) Black soft plastic
- (65) White fiberglass
- (66) White soft plastic(wire covering)
- (67) Silvery metal wire
- (68) Silvery metal
- (69) Transparent soft plastic
- (70) White fiberglass
- (71) LED
- (71a) Transparent glass
- (71b) Grey metal
- (71c) Silvery metal(pin)
- (72) Transparent plastic
- (73) Black soft plastic with white printing
- (74) Red fiberglass
- (75) White fiberglass



XRF Screening And Chemical Confirmation Test Report

- (76) Dark red fiberglass
- (77) Silvery metal
- (78) Semi-transparent white plastic
- (79) Red fiberglass
- (80) Black plastic
- (81) Silvery metal
- (82) Silvery metal
- (83) Black plastic
- (84) Silvery metal
- (85) Yellow / light green plastic(wire covering)
- (86) Copper color metal wire
- (87) Brown plastic(wire covering)
- (88) Dark blue plastic(wire covering)
- (89) Black plastic with grey printing
- (90) Black plastic
- (91) Silvery metal
- (92) Silvery metal
- (93) Silvery metal
- (94) Silvery metal
- (95) Silvery metal
- (96) Silvery metal
- (97) Silvery metal
- (98) Black plastic
- (99) Red coating on metal
- (100) Silvery metal excluding coating
- (101) Black plastic
- (102) Red plastic
- (103) Silvery metal excluding coating
- (104) Black coating on metal
- (105) Silvery metal excluding coating
- (106) Black plastic
- (107) Golden metal
- (108) Resistor
- (108a) Brown ceramic with coatings
- (108b) Silvery metal(pin)
- (109) Silvery metal
- (110) Grey coating on metal
- (111) Silvery metal excluding coating



XRF Screening And Chemical Confirmation Test Report

Appendix

Ref. No.:

JK06B-01	JK06A-01	JK30A01-H	JK30B01-H	JK09C-01
JK06B-02	JK06A-02	JK30A01-RH	JK30B01-RH	JK09C-02
JK09B-01	JK09A-01	JK30A01-MH	JK30B01-MH	JK16C01
JK09B-02	JK09A-02	JK30A01-RMH	JK30B01-RMH	JK16C01-R
JK09D-01	JK09C-01	JK30A01-HL	JK30B01-HL	JK16C01-M
JK09D-02	JK09C-02	JK30A01-RHL	JK30B01-RHL	JK16C01-RM
JK16B01	JK16A01	JK30A01-MHL	JK30B01-MHL	JK16C01-L
JK16B01-R	JK16A01-R	JK30A01-RMHL	JK30B01-RMHL	JK16C01-RL
JK16B01-M	JK16A01-M	JK30A02-H	JK30B02-H	JK16C01-ML
JK16B01-RM	JK16A01-RM	JK30A02-RH	JK30B02-RH	JK16C01-RML
JK16B01-L	JK16A01-L	JK30A02-MH	JK30B02-MH	JK19C01
JK16B01-R	JK16A01-R	JK30A02-RMH	JK30B02-RMH	JK19C01-R
JK16B01-ML	JK16A01-ML	JK30A02-HL	JK30B02-HL	JK19C01-M
JK16B01-RML	JK16A01-RML	JK30A02-RHL	JK30B02-RHL	JK19C01-RM
JK19B01	JK19A01	JK30A02-MHL	JK30B02-MHL	JK19C01-L
JK19B01-R	JK19A01-R	JK30A02-RMHL	JK30B02-RMHL	JK19C01-RL
JK19B01-M	JK19A01-M	JK38A01-H	JK38B01-H	JK19C01-ML
JK19B01-RM	JK19A01-RM	JK38A01-RH	JK38B01-RH	JK19C01-RML
JK19B01-L	JK19A01-L	JK38A01-MH	JK38B01-MH	JK25C01
JK19B01-R	JK19A01-R	JK38A01-RMH	JK38B01-RMH	JK25C01-R
JK19B01-ML	JK19A01-ML	JK38A01-HL	JK38B01-HL	JK25C01-M
JK19B01-RML	JK19A01-RML	JK38A01-RHL	JK38B01-RHL	JK25C01-RM
JK25B01	JK25A01	JK38A01-MHL	JK38B01-MHL	JK25C01-L
JK25B01-R	JK25A01-R	JK38A01-RMHL	JK38B01-RMHL	JK25C01-RL
JK25B01-M	JK25A01-M	JK38A02-H	JK38B02-H	JK25C01-ML
JK25B01-RM	JK25A01-RM	JK38A02-RH	JK38B02-RH	JK25C01-RML
JK25B01-L	JK25A01-L	JK38A02-MH	JK38B02-MH	JK25C02-R
JK25B01-R	JK25A01-R	JK38A02-RMH	JK38B02-RMH	JK25C02-M
JK25B01-ML	JK25A01-ML	JK38A02-HL	JK38B02-HL	JK25C02-RM
JK25B01-RML	JK25A01-RML	JK38A02-RHL	JK38B02-RHL	JK25C02-L
JK25B02-R	JK25A02-R	JK38A02-MHL	JK38B02-MHL	JK25C02-RL
JK25B02-M	JK25A02-M	JK38A02-RMHL	JK38B02-RMHL	JK25C02-ML



XRF Screening And Chemical Confirmation Test Report

JK25B02-RM	JK25A02-RM	JK48A01-H	JK48B01-H	JK25C02-RML
JK25B02-L	JK25A02-L	JK48A01-RH	JK48B01-RH	JK30C01
JK25B02-R	JK25A02-R	JK48A01-MH	JK48B01-MH	JK30C01-R
JK25B02-ML	JK25A02-ML	JK48A01-RMH	JK48B01-RMH	JK30C01-M
JK25B02-RML	JK25A02-RML	JK48A01-HL	JK48B01-HL	JK30C01-RM
JK30B01	JK30A01	JK48A01-RHL	JK48B01-RHL	JK30C01-L
JK30B01-R	JK30A01-R	JK48A01-MHL	JK48B01-MHL	JK30C01-RL
JK30B01-M	JK30A01-M	JK48A01-RMHL	JK48B01-RMHL	JK30C01-ML
JK30B01-RM	JK30A01-RM	JK48A02-H	JK48B02-H	JK30C01-RML
JK30B01-L	JK30A01-L	JK48A02-RH	JK48B02-RH	JK30C02-R
JK30B01-RL	JK30A01-RL	JK48A02-MH	JK48B02-MH	JK30C02-M
JK30B01-ML	JK30A01-ML	JK48A02-RMH	JK48B02-RMH	JK30C02-RM
JK30B01-RML	JK30A01-RML	JK48A02-HL	JK48B02-HL	JK30C02-L
JK30B02-R	JK30A02-R	JK48A02-RHL	JK48B02-RHL	JK30C02-RL
JK30B02-M	JK30A02-M	JK48A02-MHL	JK48B02-MHL	JK30C02-ML
JK30B02-RM	JK30A02-RM	JK48A02-RMHL	JK48B02-RMHL	JK30C02-RML
JK30B02-L	JK30A02-L	JK60A01-H	JK60B01-H	JK38C01
JK30B02-RL	JK30A02-RL	JK60A01-RH	JK60B01-RH	JK38C01-R
JK30B02-ML	JK30A02-ML	JK60A01-MH	JK60B01-MH	JK38C01-M
JK30B02-RML	JK30A02-RML	JK60A01-RMH	JK60B01-RMH	JK38C01-RM
JK38B01	JK38A01	JK60A01-HL	JK60B01-HL	JK38C01-L
JK38B01-R	JK38A01-R	JK60A01-RHL	JK60B01-RHL	JK38C01-RL
JK38B01-M	JK38A01-M	JK60A01-MHL	JK60B01-MHL	JK38C01-ML
JK38B01-RM	JK38A01-RM	JK60A01-RMHL	JK60B01-RMHL	JK38C01-RML
JK38B01-L	JK38A01-L	JK60A02-H	JK60B02-H	JK38C02-R
JK38B01-RL	JK38A01-RL	JK60A02-RH	JK60B02-RH	JK38C02-M
JK38B01-ML	JK38A01-ML	JK60A02-MH	JK60B02-MH	JK38C02-RM
JK38B01-RML	JK38A01-RML	JK60A02-RMH	JK60B02-RMH	JK38C02-L
JK38B02-R	JK38A02-R	JK60A02-HL	JK60B02-HL	JK38C02-RL
JK38B02-M	JK38A02-M	JK60A02-RHL	JK60B02-RHL	JK38C02-ML
JK38B02-RM	JK38A02-RM	JK60A02-MHL	JK60B02-MHL	JK38C02-RML
JK38B02-L	JK38A02-L	JK60A02-RMHL	JK60B02-RMHL	JK48C01
JK38B02-RL	JK38A02-RL	JK85A01-H	JK85B01-H	JK48C01-R
JK38B02-ML	JK38A02-ML	JK85A01-RH	JK85B01-RH	JK48C01-M



XRF Screening And Chemical Confirmation Test Report

JK38B02-RML	JK38A02-RML	JK85A01-MH	JK85B01-MH	JK48C01-RM
JK48B01	JK48A01	JK85A01-RMH	JK85B01-RMH	JK48C01-L
JK48B01-R	JK48A01-R	JK85A01-HL	JK85B01-HL	JK48C01-RL
JK48B01-M	JK48A01-M	JK85A01-RHL	JK85B01-RHL	JK48C01-ML
JK48B01-RM	JK48A01-RM	JK85A01-MHL	JK85B01-MHL	JK48C01-RML
JK48B01-L	JK48A01-L	JK85A01-RMHL	JK85B01-RMHL	JK48C02-R
JK48B01-RL	JK48A01-RL	JK85A02-H	JK85B02-H	JK48C02-M
JK48B01-ML	JK48A01-ML	JK85A02-RH	JK85B02-RH	JK48C02-RM
JK48B01-RML	JK48A01-RML	JK85A02-MH	JK85B02-MH	JK48C02-L
JK48B02-R	JK48A02-R	JK85A02-RMH	JK85B02-RMH	JK48C02-RL
JK48B02-M	JK48A02-M	JK85A02-HL	JK85B02-HL	JK48C02-ML
JK48B02-RM	JK48A02-RM	JK85A02-RHL	JK85B02-RHL	JK48C02-RML
JK48B02-L	JK48A02-L	JK85A02-MHL	JK85B02-MHL	JK60C01
JK48B02-RL	JK48A02-RL	JK85A02-RMHL	JK85B02-RMHL	JK60C01-R
JK48B02-ML	JK48A2-ML	JK60B02-L	JK60A02-L	JK60C01-M
JK48B02-RML	JK48A02-RML	JK60B02-RL	JK60A02-RL	JK60C01-RM
JK60B01	JK60A01	JK60B02-ML	JK60A02-ML	JK60C01-L
JK60B01-R	JK60A01-R	JK60B02-RML	JK60A02-RML	JK60C01-RL
JK60B01-M	JK60A01-M	JK85B01	JK85A01	JK60C01-ML
JK60B01-RM	JK60A01-RM	JK85B01-R	JK85A01-R	JK60C01-RML
JK60B01-L	JK60A01-L	JK85B01-M	JK85A01-M	JK60C02-R
JK60B01-RL	JK60A01-RL	JK85B01-RM	JK85A01-RM	JK60C02-M
JK60B01-ML	JK60A01-ML	JK85B01-L	JK85A01-L	JK60C02-RM
JK60B01-RML	JK60A01-RML	JK85B01-RL	JK85A01-RL	JK60C02-L
JK60B02-R	JK60A02-R	JK85B01-ML	JK85A01-ML	JK60C02-RL
JK60B02-M	JK60A02-M	JK85B01-RML	JK85A01-RML	JK60C02-ML
JK60B02-RM	JK60A02-RM	JK85B01	JK85A02	JK60C02-RML
JK85B02-R	JK85A02-R	JK120B02-M	JK120A02-M	JK120B03-L
JK85B02-M	JK85A02-M	JK120B02-RM	JK120A02-RM	JK120B03-RL
JK85B02-RM	JK85A02-RM	JK120B02-L	JK120A02-L	JK120B03-ML
JK85B02-L	JK85A02-L	JK120B02-RL	JK120A02-RL	JK120B03-RML
JK85B02-RL	JK85A02-RL	JK120B02-ML	JK120A02-ML	JK120A03-L
JK85B02-ML	JK85A02-ML	JK120B02-RML	JK120A02-RML	JK120A03-RL
JK85B02-RML	JK85A02-RML	JK120B03-R	JK120A03-R	JK120A03-ML



XRF Screening And Chemical Confirmation Test Report

JK120B02	JK120A02	JK120B03-M	JK120A03-M	JK120A03-RML
JK120B02-R	JK120A02-R	JK120B03-RM	JK120A03-RM	



XRF Screening And Chemical Confirmation Test Report

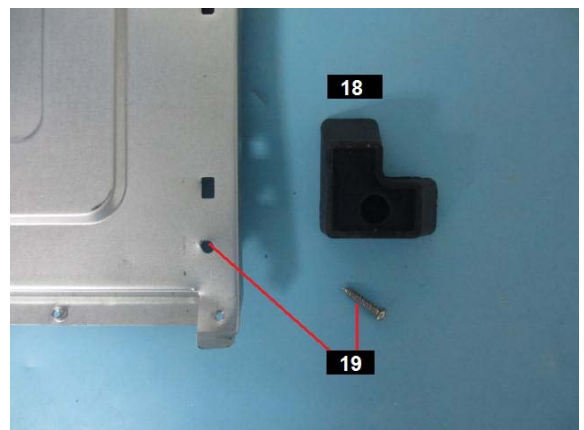
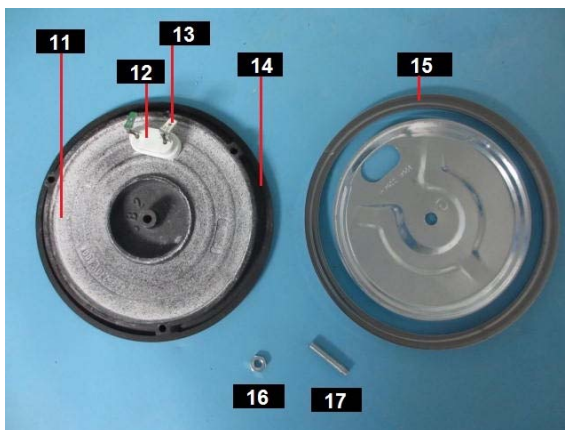
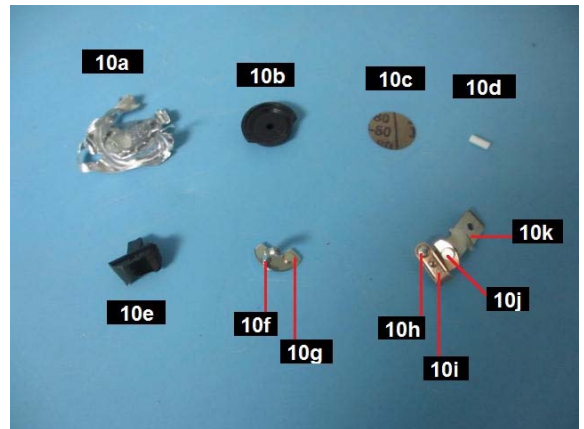
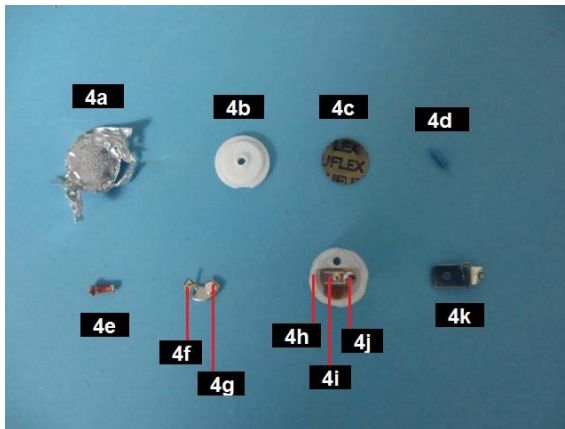
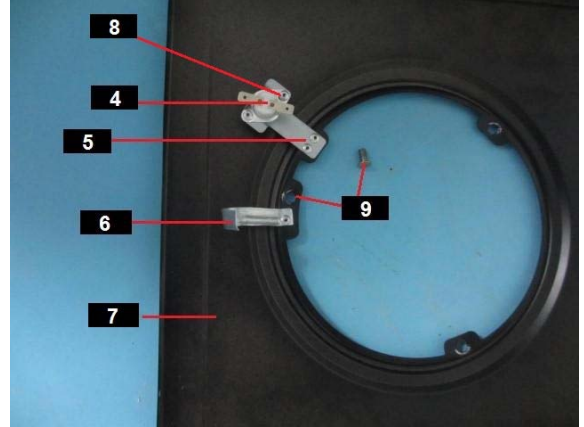
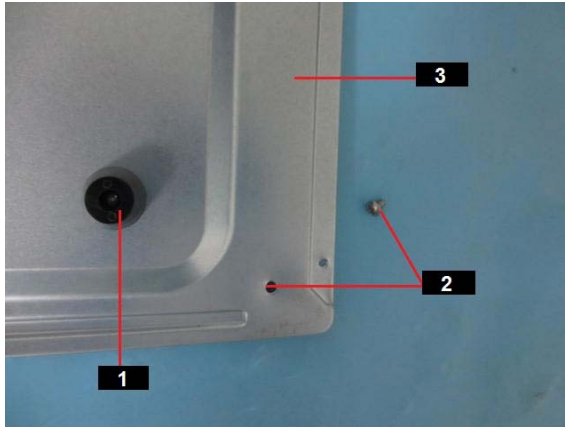
Sample photo



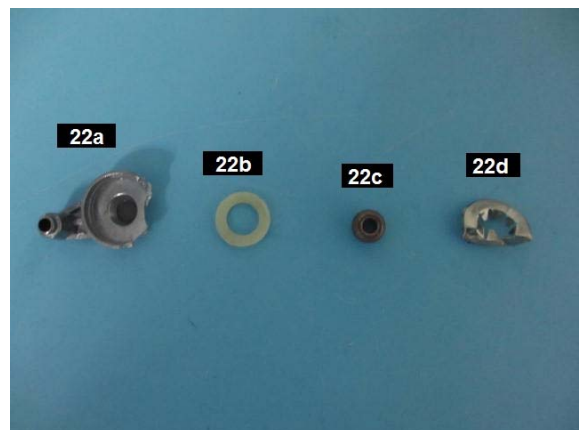
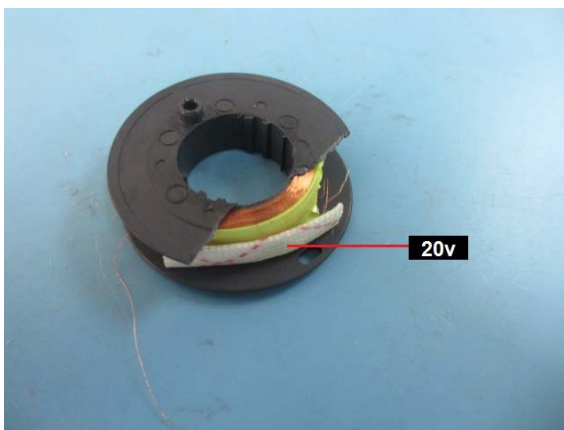
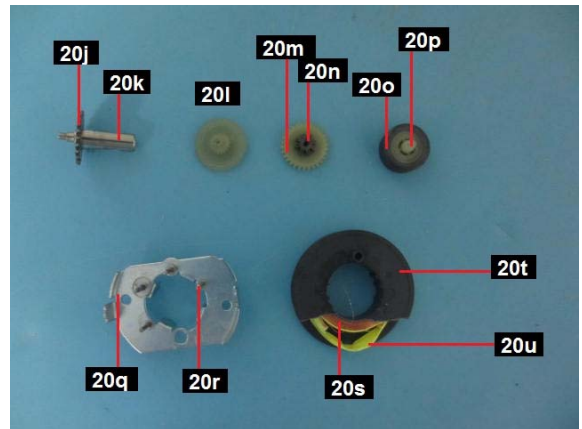
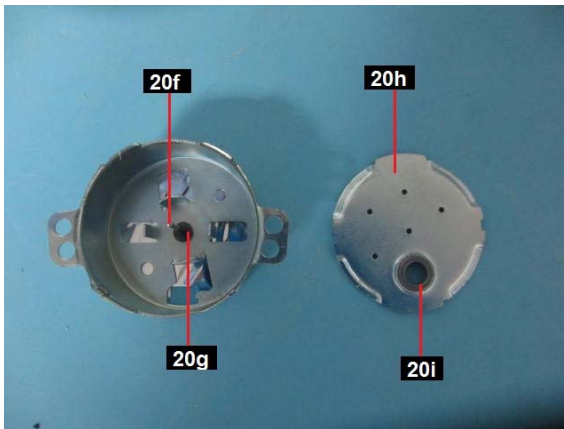
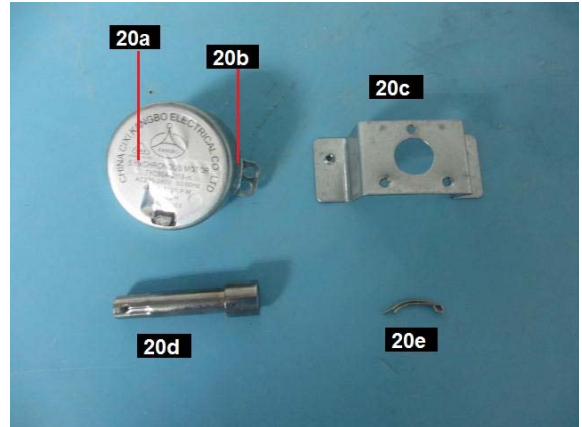
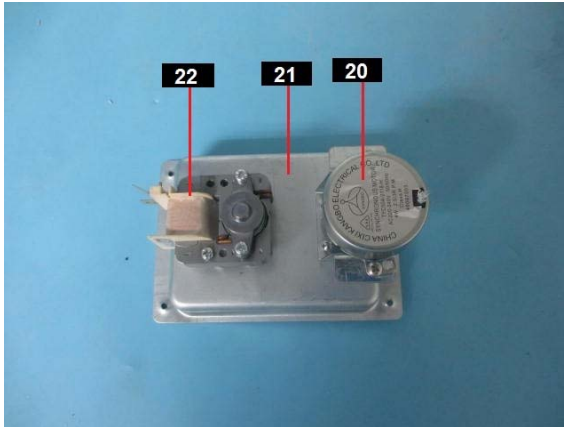
Ref. photo



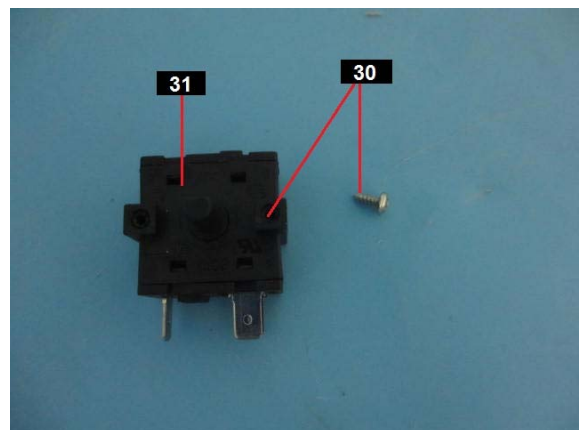
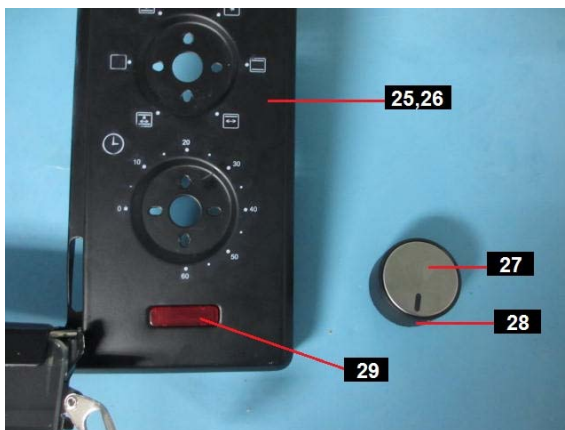
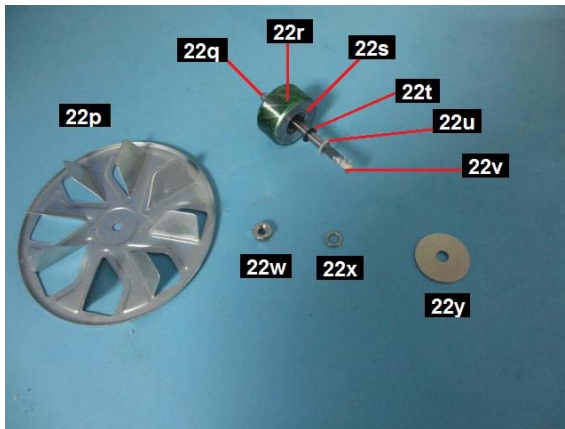
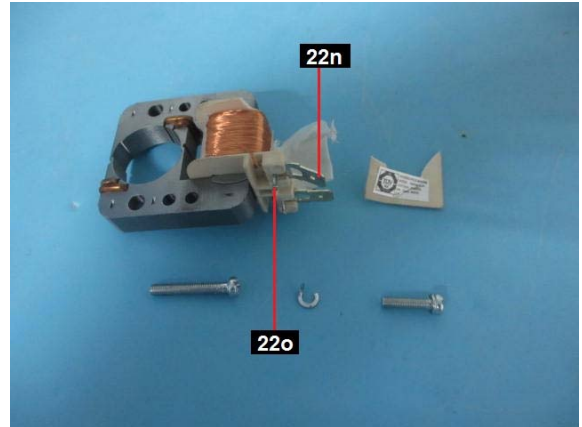
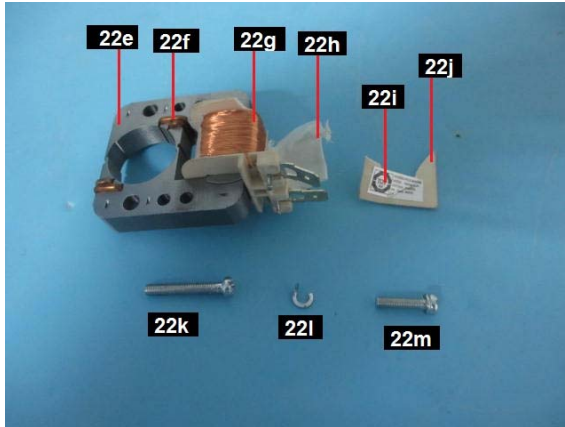
XRF Screening And Chemical Confirmation Test Report



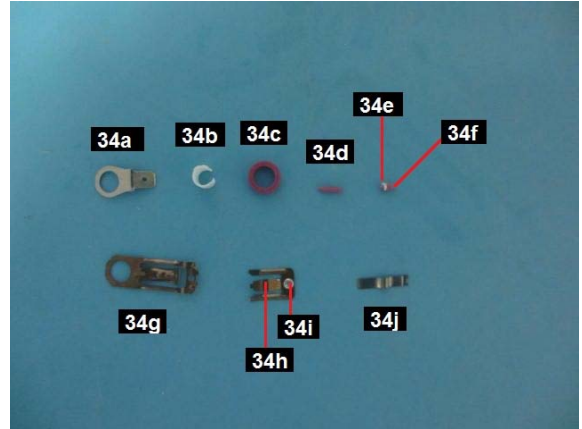
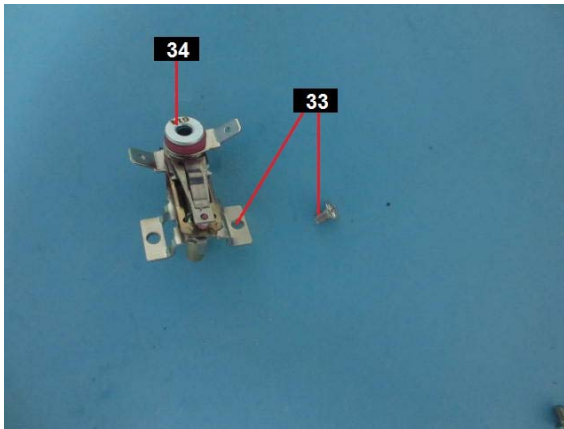
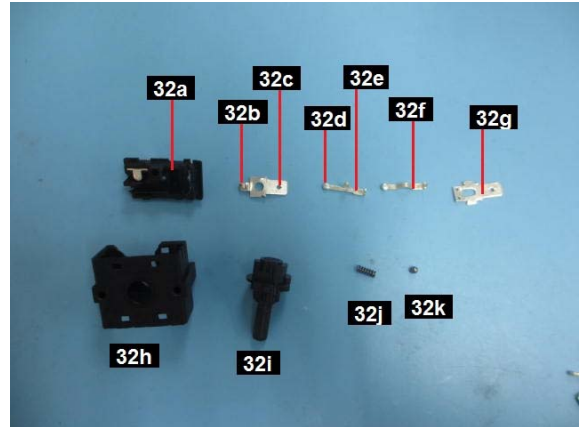
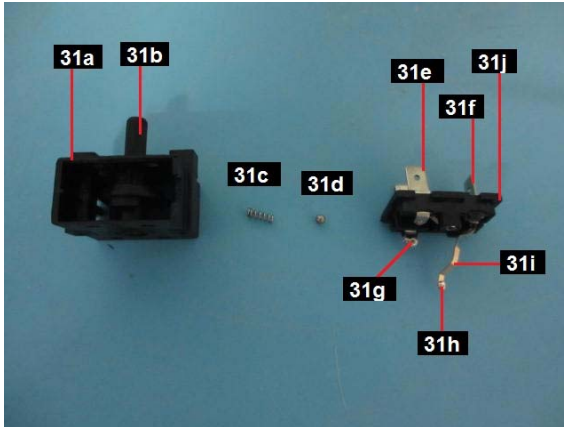
XRF Screening And Chemical Confirmation Test Report



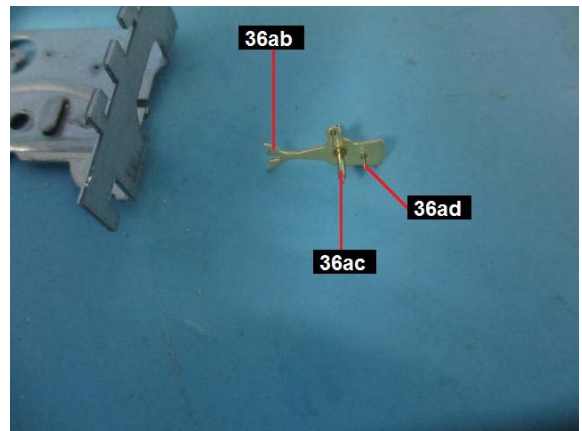
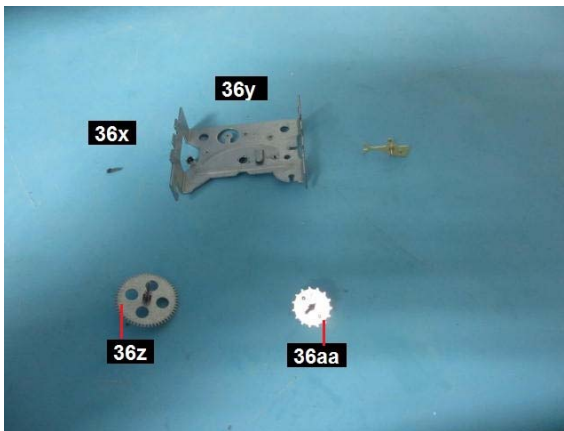
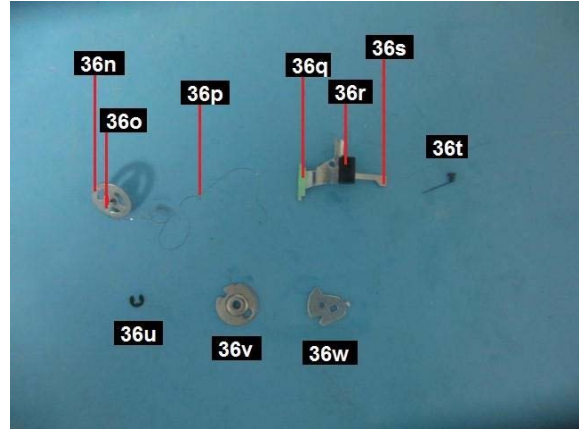
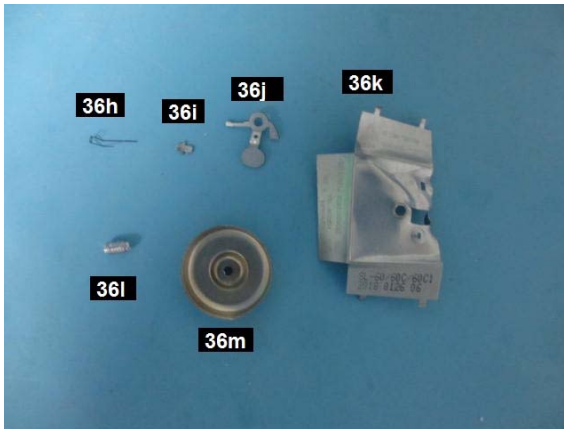
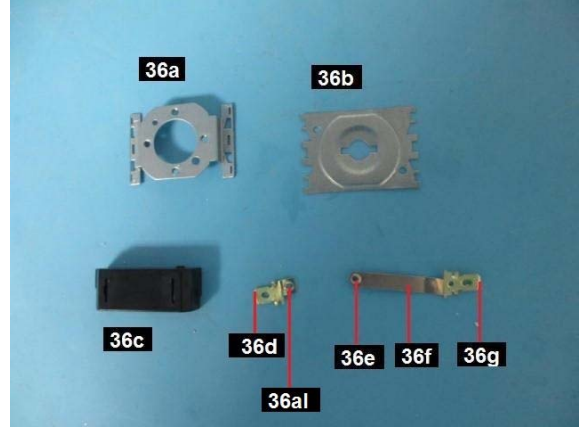
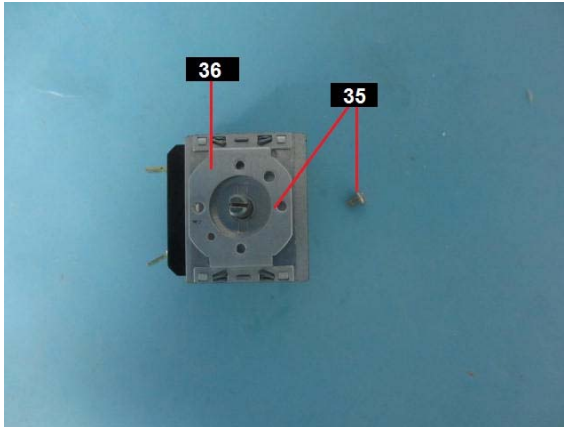
XRF Screening And Chemical Confirmation Test Report



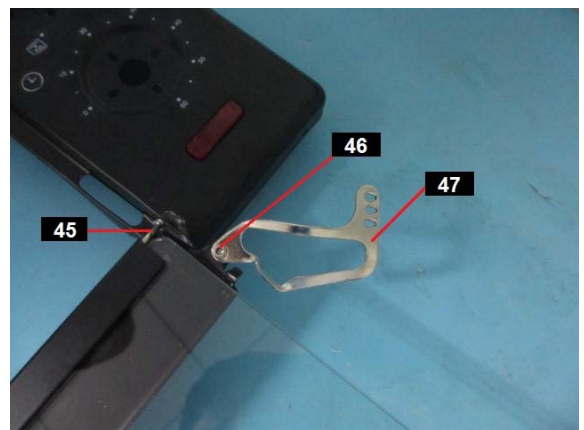
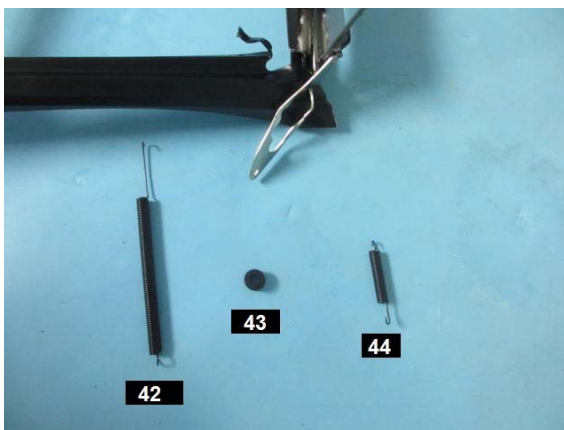
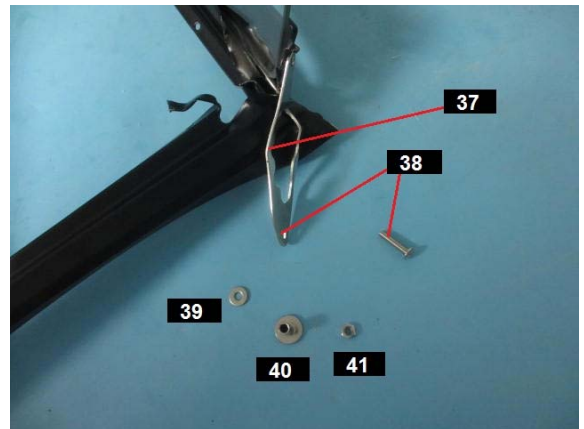
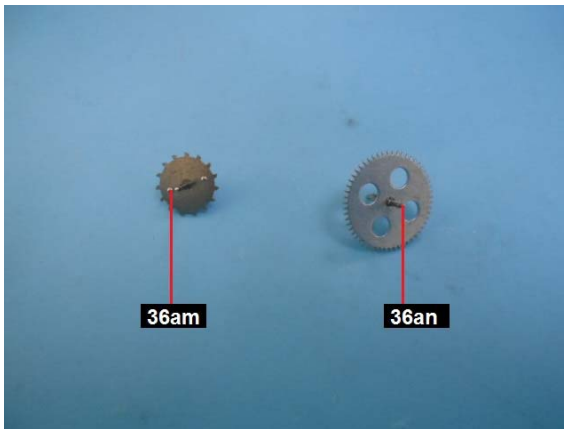
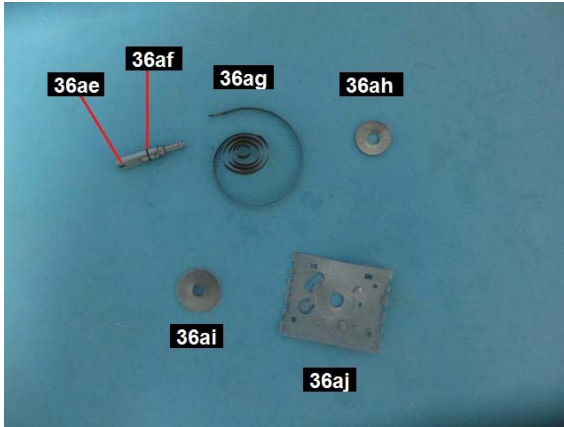
XRF Screening And Chemical Confirmation Test Report



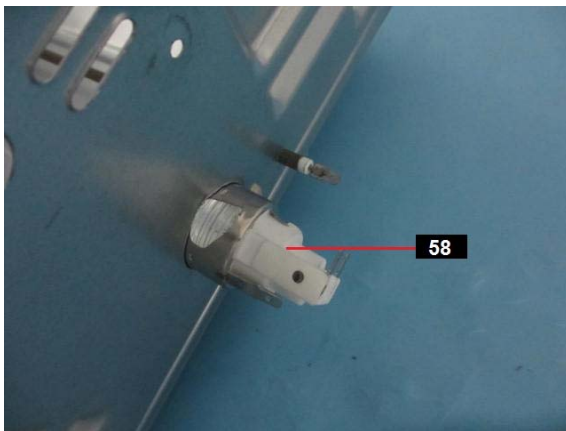
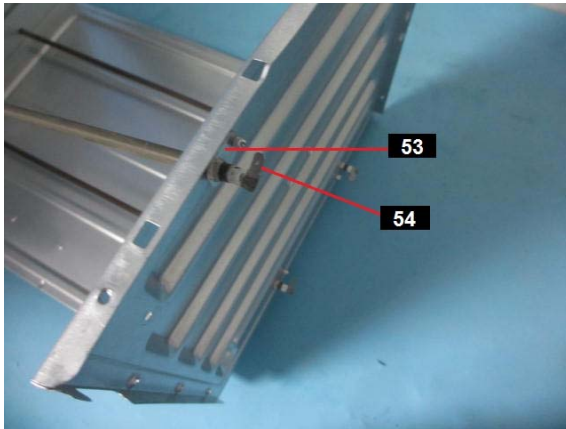
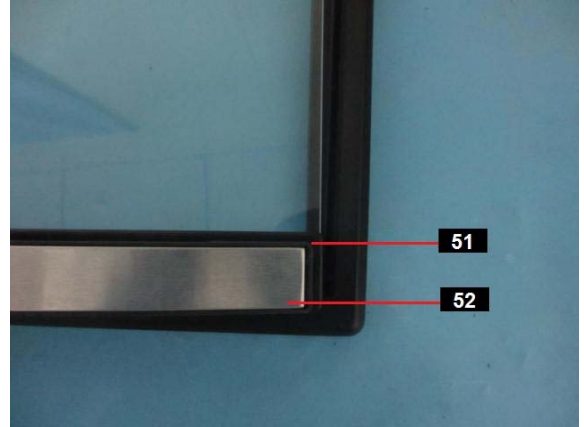
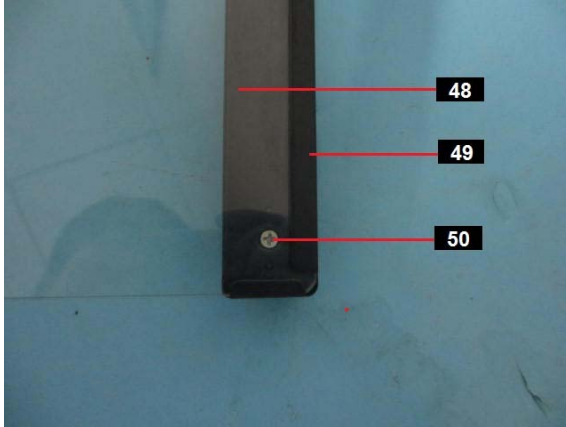
XRF Screening And Chemical Confirmation Test Report



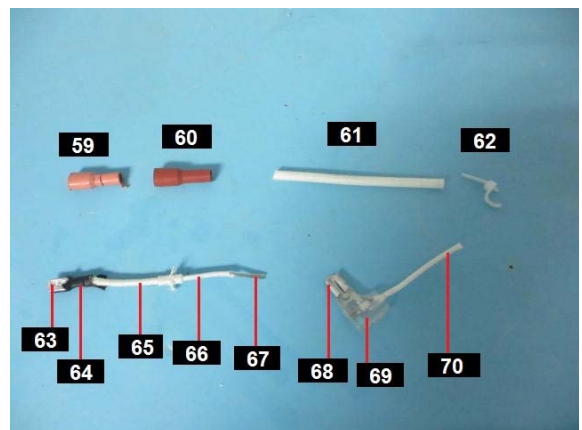
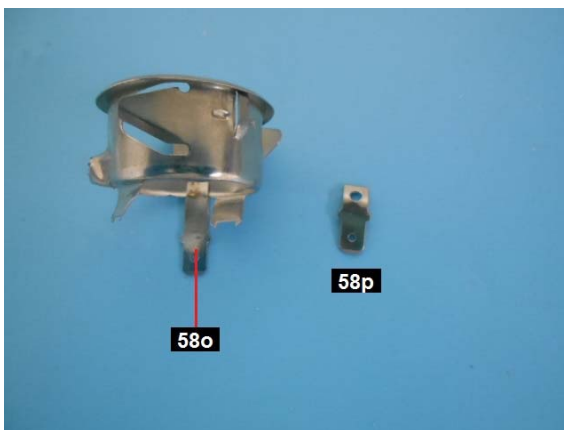
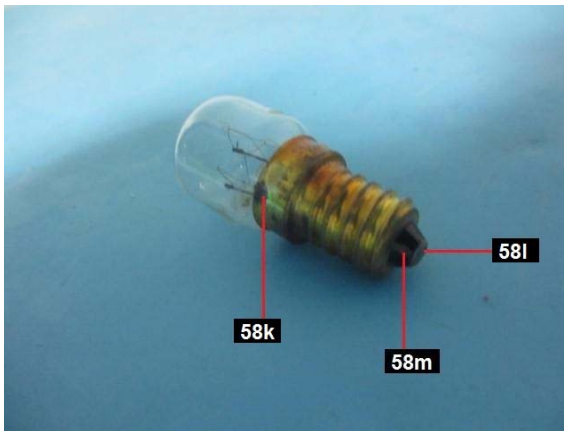
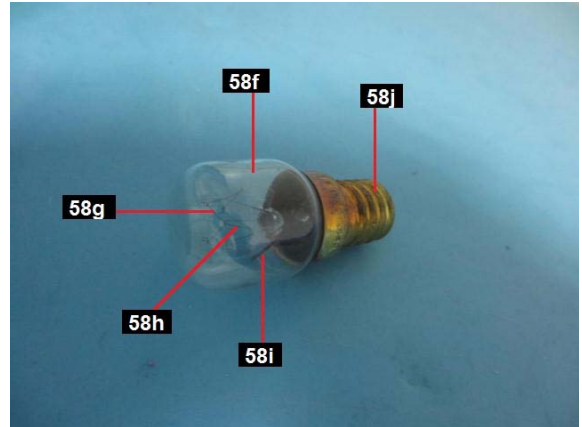
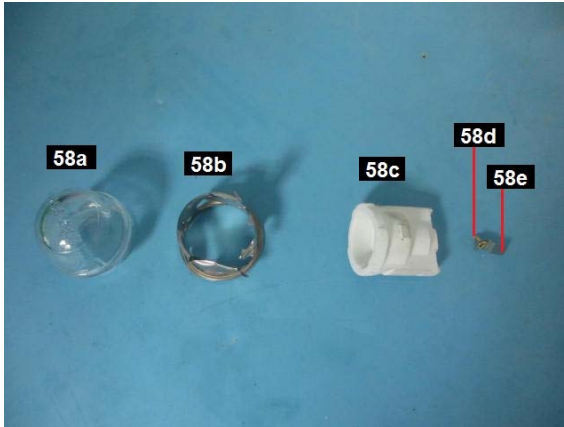
XRF Screening And Chemical Confirmation Test Report



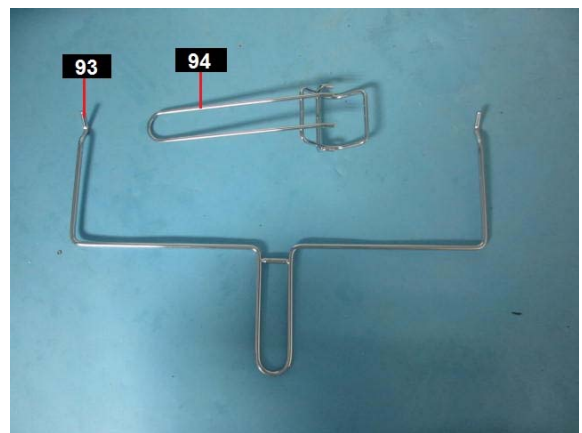
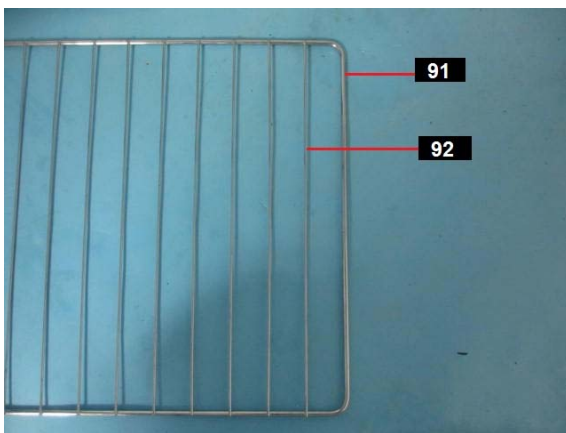
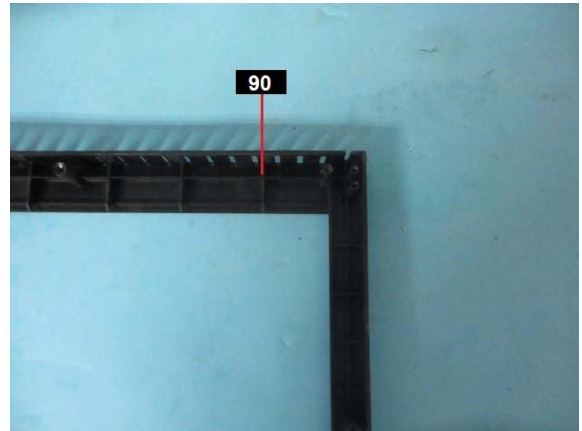
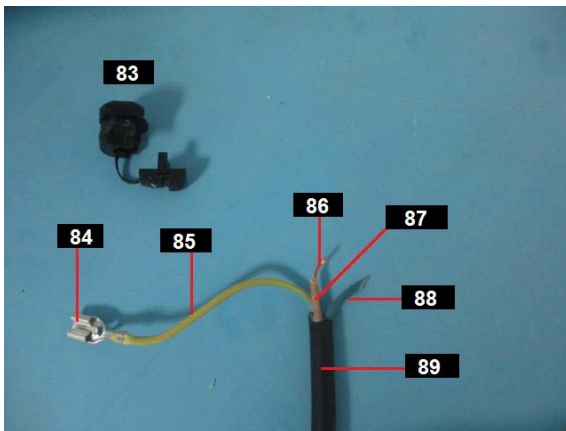
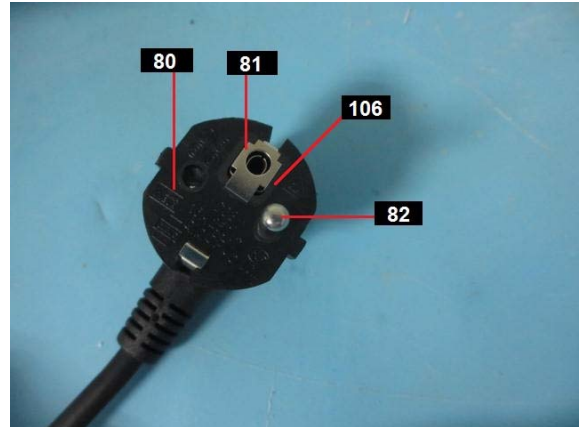
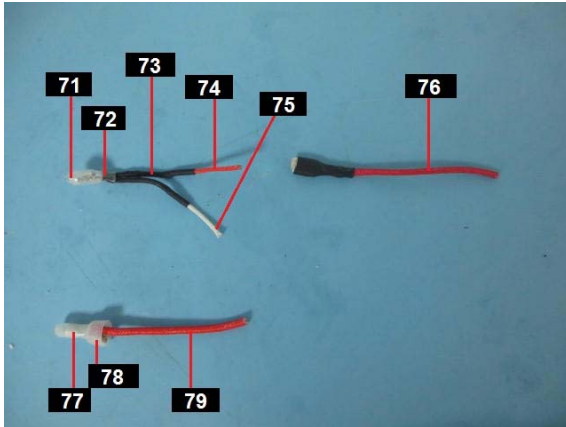
XRF Screening And Chemical Confirmation Test Report



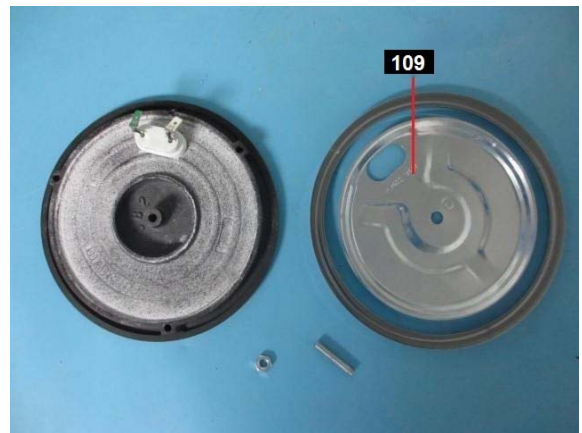
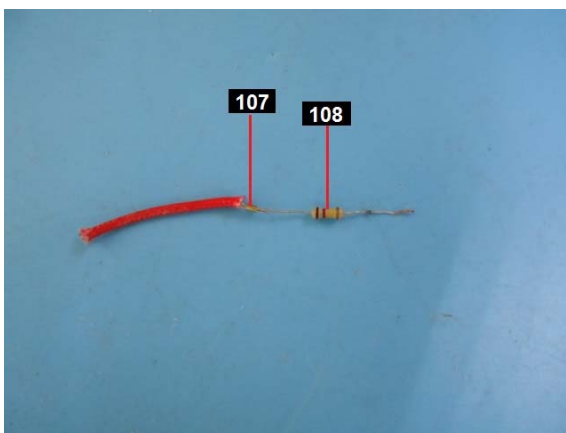
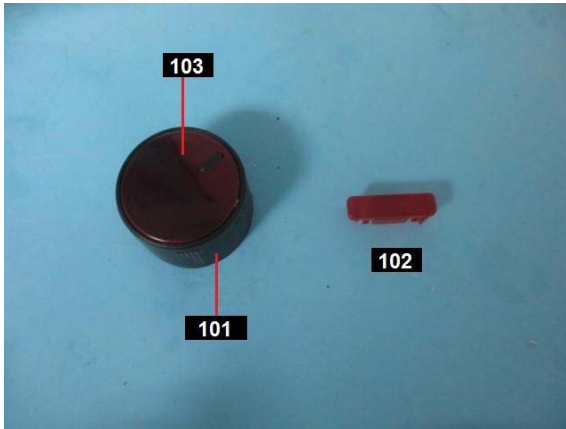
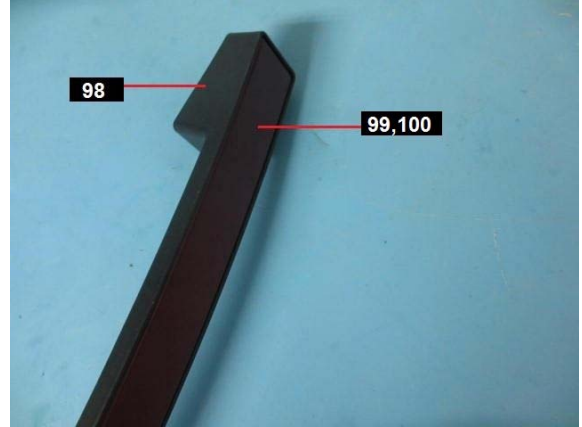
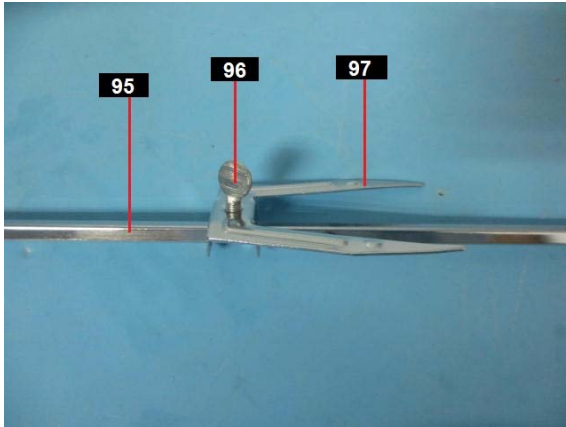
XRF Screening And Chemical Confirmation Test Report



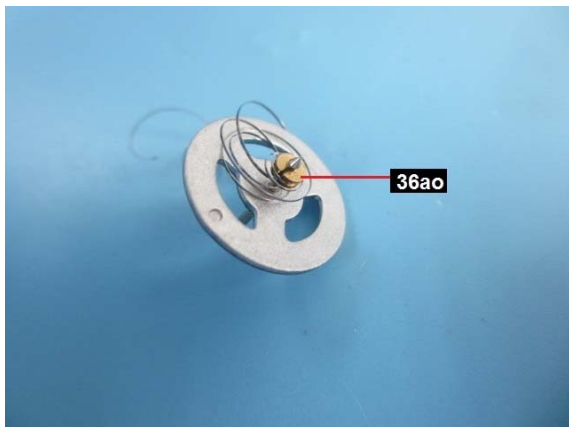
XRF Screening And Chemical Confirmation Test Report



XRF Screening And Chemical Confirmation Test Report



XRF Screening And Chemical Confirmation Test Report



End of report

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

