

TEST REPORT

Report No.: FTC25030008

Date: Jan.17,2025

Client: Shenzhen HSJ Fab Co., Ltd
Building 3, No.6 Ind Zone, Mashantou Community,
Matian Street, Guangming District, Shenzhen, Zip 518106, China

Sample Receiving Date : Jan.14,2025

Testing Period : From Jan.14,2025 to Jan.17,2025

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

Sample Name	HA6 Spring Plate
Model No.	HA6 Spring Plate
Manufacturer	Shenzhen HSJ Fab Co., Ltd
Manufacturer Address	Building 3, No.6 Ind Zone, Mashantou Community, Matian Street, Guangming District, Shenzhen, Zip 518106, China

SUMMARY OF TEST RESULTS

ITEM	TEST REQUESTED	CONCLUSION
1.	European Council Directive 2011/65/EU on Restrictions on the Use of Certain Hazardous Substances in Electrical and It's Amendments(Including (EU) 2015/863) (RoHS) -Lead, Cadmium, Mercury, Chromium (VI) Content	Pass

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Prepared By: Sun Yongru

Sun Yongru
Lab Clerk

Checked By: Robin Luo

Robin Luo
Lab Supervisor

Approved By: Kevin Yang

Kevin Yang
Lab Manager

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ZhongShan Forever Testing (Int'l) Co., Ltd.

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TEST RESULTS

1.EUROPEAN COUNCIL DIRECTIVE 2011/65/EU ON RESTRICTIONS ON THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND IT' S AMENDMENTS(INCLUDING (EU) 2015/863) (ROHS)

(A)Test Result Summary

Testing Item	Result	RDL
	1	
Lead (Pb) Content(mg/kg)	ND	5
Cadmium (Cd) Content(mg/kg)	ND	2.5
Mercury (Hg) Content(mg/kg)	ND	5
Chromium (VI) (Cr ⁶⁺) Content(μg/cm ²)	Negative	0.1
Polybrominated Biphenyls (PBBs)(mg/kg)	--	--
Monobromobiphenyl (MonoBB)(mg/kg)	--	5
Dibromobiphenyl (DiBB)(mg/kg)	--	5
Tribromobiphenyl (TriBB)(mg/kg)	--	5
Tetrabromobiphenyl (TetraBB)(mg/kg)	--	5
Pentabromobiphenyl (PentaBB)(mg/kg)	--	5
Hexabromobiphenyl (HexaBB)(mg/kg)	--	5
Heptabromobiphenyl (HeptaBB)(mg/kg)	--	5
Octabromobiphenyl (OctaBB)(mg/kg)	--	5
Nonabromobiphenyl (NonaBB)(mg/kg)	--	5
Decabromobiphenyl (DecaBB)(mg/kg)	--	5
Polybrominated Diphenyl Ethers (PBDEs)(mg/kg)	--	--
Monobromodiphenyl Ether (MonoBDE)(mg/kg)	--	5
Dibromodiphenyl Ether (DiBDE)(mg/kg)	--	5
Tribromodiphenyl Ether (TriBDE)(mg/kg)	--	5
Tetrabromodiphenyl Ether (TetraBDE)(mg/kg)	--	5
Pentabromodiphenyl Ether (PentaBDE)(mg/kg)	--	5
Hexabromodiphenyl Ether (HexaBDE)(mg/kg)	--	5
Heptabromodiphenyl Ether(HeptaBDE)(mg/kg)	--	5
Octabromodiphenyl Ether (OctaBDE)(mg/kg)	--	5
Nonabromodiphenyl Ether (NonaBDE)(mg/kg)	--	5
Decabromodiphenyl Ether (DecaBDE)(mg/kg)	--	5
Dibutyl Phthalate (DBP)(mg/kg)	--	150
Benzyl Butyl Phthalate (BBP)(mg/kg)	--	150
Diethyl Hexyl Phthalate (DEHP)(mg/kg)	--	150
Diisobutyl Phthalate (DIBP)(mg/kg)	--	150

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TEST RESULTS:

Remark: mg/kg = milligram per kilogram

RDL= Report Detection Limit

ND=Not Detected (lower than RDL)

Negative = Absence of Chromium (VI) coating(below 0.1 $\mu\text{g}/\text{cm}^2$)

(B)RoHS Requirement

Restricted Substances	Limits
Lead (Pb)	0.1% (1000 mg/kg)
Cadmium (Cd)	0.01% (100 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)
Dibutyl Phthalate (DBP)	0.1% (1000 mg/kg)
Benzyl Butyl Phthalate (BBP)	0.1% (1000 mg/kg)
Diethyl Hexyl Phthalate (DEHP)	0.1% (1000 mg/kg)
Diisobutyl Phthalate (DIBP)	0.1% (1000 mg/kg)

Remark:

1.The Above Limits Were Quoted From 2011/65/EU And It's Amendments For Homogeneous Material.

2.*=The sample(s) was(were) metal, the limit of Chromium (VI):

A:The test results were less than 0.1 $\mu\text{g}/\text{cm}^2$, the sample content of Chromium (VI) was negative, and the sample coating was considered to be free of Chromium (VI);

B:If the test results were between 0.1 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$, it was considered uncertain whether the sample contains Chromium (VI), because the difference of sample coating will affect the test result;

C:The test results were greater than 0.13 $\mu\text{g}/\text{cm}^2$, the sample content of Chromium (VI) was positive, and the sample coating was considered to contain Chromium (VI).

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TEST RESULTS:

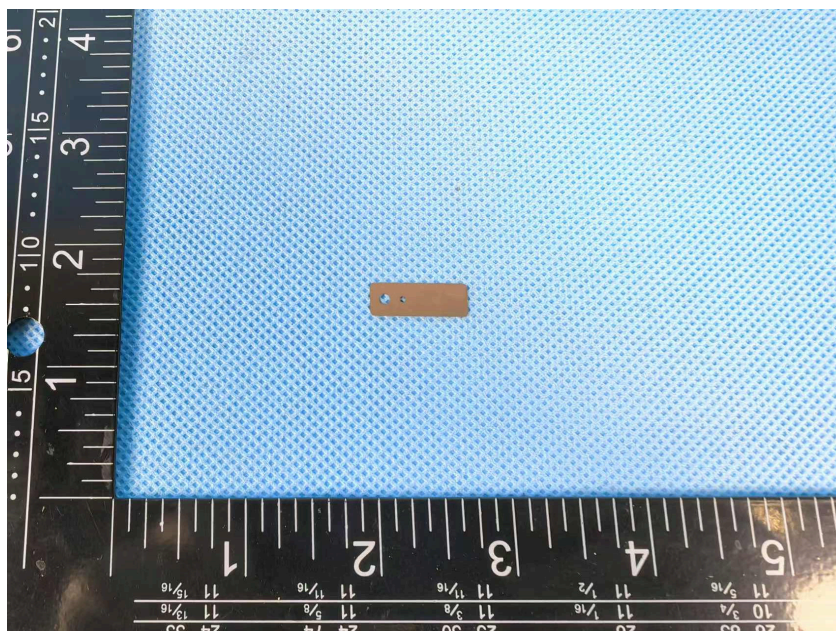
(C)Test Method

Testing Item	Testing Method / Instrument
Lead (Pb) Content	IEC 62321-5:2013/ ICP-OES
Cadmium (Cd) Content	IEC 62321-5:2013/ ICP-OES
Mercury (Hg) Content	IEC 62321-4:2013+A1:2017/ ICP-OES
Chromium (Cr) Content	IEC 62321-5:2013/ ICP-OES
Chromium (VI) (Cr ⁶⁺)Content	IEC 62321-7-1:2015/UV-Vis
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015/ GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	
Dibutyl Phthalate (DBP)	
Benzyl Butyl Phthalate (BBP)	
Diethyl Hexyl Phthalate (DEHP)	
Diisobutyl Phthalate (DIBP)	IEC 62321-8:2017/ GC-MS

Test Part Description:

1	Ycut-MEH
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SAMPLE(S) PHOTO



End of Test Report

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