

Prepared for:

EDA Technology Shanghai Co.,Ltd

Building 29, Shengchuang Enterprise Park, No.1661 Jialuo Road, Jiading District, Shanghai, PRC

Product Name: ED-HMI3010

ED-HMI3010-101C, ED-HMI3010-050C,

Model No.: ED-HMI3010-070C, ED-HMI3010-050R,

ED-HMI3010-070R, ED-HMI3010-101R

Date of Test: From May 08, 2024 to May 14, 2024

Date of Report: May 14, 2024

Report Number: HK2405087078-1RR

Prepared by:

Shenzhen HUAK Testing Technology Co., LTD.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.co



Page 2 of 48 REPORT No.: HK2405087078-1RR Date: May 14, 2024 Applicant: EDA Technology Shanghai Co.,Ltd Building 29, Shengchuang Enterprise Park, No.1661 Jialuo Road, Address: Jiading District, Shanghai, PRC Manufacturer: **EDA Technology Shanghai Co.,Ltd** Building 29, Shengchuang Enterprise Park, No.1661 Jialuo Road, Address: Jiading District, Shanghai, PRC The following sample was submitted and identified by/on behalf of the client as: **ED-HMI3010 Product Name:** ED-HMI3010-101C, ED-HMI3010-050C, ED-HMI3010-070C, Model No .: ED-HMI3010-050R, ED-HMI3010-070R, ED-HMI3010-101R Trade Mark: May 08, 2024 Sample Receiving Date: From May 08, 2024 to May 14, 2024 Testing Period: Please refer to next page(s). Results: **Summary of Test Results:** According to customer's requirements, Split the sample and determine the Pb, Test Requested: Cd, Hg, Cr(VI), PBBs & PBDEs, DBP, BBP, DEHP, DIBP content of the parts. Base upon the performed tests by submitted sample, the test results comply with the limits as set by Directive (EU) 2015/863 - Amendment of EU RoHS Directive Conclusion: 2011/65/EU (RoHS 2.0) Annex II. Signed for and on behalf of HUAK Approved by

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannon be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

Lab Manager



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 3 of 48

Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community,

Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

Test Method:

- 1. Sample prepared with reference to IEC 62321-1:2013 / IEC 62321-2:2021
- 2. Sample Screening testing with reference to IEC 62321-3-1:2013
- 3. Wet Chemical Test Method
 - a. Determination of Lead, Cadmium by ICP-OES with reference to IEC 62321-5:2013
 - b. Determination of Mercury by ICP-OES with reference to IEC 62321-4:2013+AMD1:2017
 - c. Determination of Hexavalent Chromium in colourless and coloured corrosion-protected coatings on metals by UV-VIS method reference to IEC 62321-7-1:2015
 - d. Determination of Hexavalent Chromium in polymers and electronics by UV-Vis Method with reference to IEC 62321-7-2:2017.
 - e. Determination of PBBs and PBDEs by GC-MS with reference to IEC 62321-6:2015
 - f. Determination of DBP, BBP, DEHP and DIBP by GC-MS with reference to IEC 62321-8:2017



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 4 of 48

Test Results:

Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
Tes	TESTING	Pb	BL	HUAK TEL	Comply
	6 HUAR	Cd	BL		Comply
		Hg	BL	ON TESTING	Comply
	TING TESTING	Cr(VI)	BL O	HO.	Comply
HUAK'IL	Black display	PBBs	BL	WIND HILLARY TO	Comply
	Біаск цізріаў	PBDEs	BL		Comply
	3	DBP		 D/a	NA
	- WAKTESTING	BBP	- JUAK TESTING	- JUNK TESTING	NA
	(a)	DEHP	<u></u>	<u> </u>	NA
		DIBP		V TECTING	NA
	MAKTESTIN	Pb	BL	(1) HUN	Comply
	(a)	Cd	BL	-ma	Comply
		Hg	BL	HUAKTESI	Comply
	TING MAKTESTING	Cr(VI)	BL	OKTESTING	Comply
M. House	Black coating	PBBs		W HO	NA
2	(silver metal screws)	PBDEs			NA
	3 CESTING	DBP	STING	CSTING	NA
	HUAKTLE	BBP	HUAK	HUAKTL	NA
		DEHP		nG	NA
	STING	DIBP	STING_	HUAKTESTII	NA
	HUAKI	Pb	BL		Comply
		Cd	BL	TESTING	Comply
	THE TESTING	Hg	BL 🕙	HUAR	Comply
	HUAKTE	Cr(VI)	BL	HUAKTESI	Comply
9	Multi-colour	PBBs	BL	<u></u>	Comply
3	printing (White sticker)	PBDEs	BL		Comply
	JAKTESTING	DBP	LAN-TESTING	N.D.	Comply
	(a) HOW	BBP	(1) HO	N.D.	Comply
		DEHP		N.D.	Comply
	W TESTING	DIBP	V TESTING	N.D.	Comply

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT	No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 5 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	ı,G	Pb	BL	ox TESTING	Comply
	MAKTESTINE	Cd	BL	MUAN	Comply
	O HOW	Hg 🔘	BL	- NG	Comply
		Cr(VI)	BL	HUAKTESTIN	Comply
4 METER	Black print (White	PBBs	BL	VIESTIN	Comply
4	sticker)	PBDEs	BL	MINIA MINIA	Comply
		DBP			NA
-CTIV	3 STING	BBP		STING	NA
HUAKTED	HUAKTE	DEHP	HUAKTES	W AK TES	NA
a)G		DIBP			NA
ESTI	TING	Pb	BL	WAK TEST	Comply
	HUAKTES.	Cd	BL	• <u></u>	Comply
		Hg	BL	TESTING	Comply
	THE THIS OF	Cr(VI)	BL 🌑	MAK I	Comply
WHAK TE	Dark grey, white	PBBs	HUAK TES	WAY TESTIL	NA
5	coating (silver metal)	PBDEs		<u></u>	NA
	,	DBP			NA
AK TESTIN	3 AK TESTING	BBRSTING	NE TESTING		NA
HOL.	O HOLD	DEHP	O HOM	White	NA
ESTING		DIBP		-STING	NA
	X TESTING	Pb	NATESTING BL	HUAK	Comply
	HUAN	Cd	BL		Comply
		Hg	BL	LAK TESTING	Comply
	TING TESTING	Cr(VI)	BL	HO.	Comply
HUAK	HUAN	PBBs	BL	HUAKTA	Comply
6	Dark gray coating	PBDEs	BL		Comply
THE STATE OF THE S	3 mg	DBP		Olm	NA
WAKTESTI	HUAKTESTA	BBP	HUAKTESTI	PRIAK TESTIN	NA
		DEHP	<u></u>	<u> </u>	NA
ESTING	A)G	DIBP	-01 0	AK TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT	No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 6 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	.0	Pb	BL	V TESTING	Comply
	LAK TESTING	Cd	BL	MIAN	Comply
ò	O HOW	Hg 🔘	BL		Comply
		Cr(VI)	BL	HUAK TESTING	Comply
ZAKTE	Cilver restal	PBBs 75 TMG	LOK TESTING	VIESTIN	NA
M HOAL	Silver metal	PBDEs	(1) HO.	MILAN PROPERTY OF THE PROPERTY	NA
		DBP			NA
-TIN	3 STING	BBP		TING	NA
WAK TES	HUAKTES	DEHP	HUAKTES	MAKTES	NA
.1G		DIBP			NA
ESTI	TING	Pb	BL	WAY TESTIN	Comply
	HUAK TES.	Cd	BL	<u></u>	Comply
		Hg	BL	ESTING	Comply
	THE THE	Cr(VI)	BL. O	HUAK I	Comply
8	Out to the store	PBBs	HUM BL		Comply
8	Grey soft glue	PBDEs	BL	<u></u>	Comply
		DBP		N.D.	Comply
OK TESTIN	3 AK TESTING	BBP	NE TESTING	N.D. TESTING	Comply
N.	O HUM	DEHP	O HOM	N.D.	Comply
STING		DIBP		N.D.	Comply
	Y TESTING	Pb	WIESTING L	HUAK	Comply
	HUAN	Cd	BL	(Comply
		Hg	BL	LAKTESTING	Comply
	THUG TESTING	Cr(VI)	BL		Comply
HUAK	Dark grey, white	PBBs	HUAN	HUAKIL	NA
9	coating (silver metal)	PBDEs			NA
THE STATE OF THE S	in i	DBP			NA
UAKTESTI	HUAKTESTA	BBP	HUAKTESTI	THAY TESTIN	NA
		DEHP	<u> </u>	<u> </u>	NA
ESTING	G	DIBP	-10-	AX TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

AVENCATION



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 7 of 48

REPURI	No.: HK240508/0/8-1	RR Date	e: May 14, 2024		Page / of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	-G	Pb	BL	N TESTING	Comply
	"IAK TESTING	Cd	BL	MINDE	Comply
,	O House	Hg	BL	-n/G	Comply
		Cr(VI)	BL	HUAKTES III	Comply
10	Dark gray section	PBBs	BL	W TESTIN	Comply
10	Dark gray coating	PBDEs	BL	W HUND	Comply
		DBP			NA
-STIN	S	BBP	STING	STING	NA
UAK TEO	HUAKTES	DEHP	HUAKTE	JULAN TED	NA
ı,Gı		DIBP			NA
ESTITE	TING	Pb	BL	MAKTESTI	Comply
	HUAKTES	Cd	BL		Comply
		Hg	BL	-STING	Comply
	NG TING M	Cr(VI)	BL 🌑	HANGE	Comply
11	O'I MAKETES	PBBs	MAKTES!		NA
11	Silver metal	PBDEs		<u></u>	NA
		DBP			NA
W TESTIN	S V TESTING	BBP	X TSTING	Y TESTING	NA -
New	O HUAN	DEHP	MHUAII	HUA!	NA
STING		DIBP		(ING	NA
	TESTING	Pb	BL	HUAKT	Comply
	HUAN	Cd	BL		Comply
	7	Hg	BL	LAK TESTING	Comply
-01	THIS TESTING	Cr(VI)	BL ®	AU.	Comply
HUAKTE	Black coating	PBBs	MINAN	HUAK	NA
12	(silver metal screws)	PBDEs			NA
-03	33	DBP		Dun.	NA
UAKTESTI	HUAKTESTI	BBP	HUAK TESTI	HEAR TESTIN	NA
		DEHP			NA
ESTING		DIBP		WIESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 8 of 48

<u></u>	No.: HK240508/0/8-1	UN Date	e: May 14, 2024		Page 8 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	HAK TESTING	Cd	BL	MUAN	Comply
3	O House	Hg	BL	-no	Comply
		Cr(VI)	BL	HUAK TESTI	Comply
13	Copper tin-foil	PBBs	BL	OK TESTIM	Comply
	Соррег ш-ю	PBDEs	BL	₩ HUN	Comply
		DBP			NA
STIN	5 THIS	BBP	STING	CSTING	NA
HUAKTE	HUAKTE	DEHP	HUAKTE	MAKTE	NA
n)G		DIBP		olg	NA
TESTI	STING	Pb	BL	WAK TESTIN	Comply
	HUAKTED	Cd	BL	<u></u>	Comply
kii		Hg	BL	TESTING	Comply
	THE STINE	Cr(VI)	BL	Mak .	Comply
14	Black coating	PBBs	M HUAKTED	HUAKTEST	NA
14	(Silver metal)	PBDEs			NA
		DBP			NA
AK TESTIN	3 AKTESTING	BBP	AN TESTING		NA
HOM	O HOW	DEHP	O HUM	W. HOW	NA
ESTING		DIBP		TESTING	NA
	AKTESTING	Pb	BL	HUAK	Comply
	O HOLD	Cd	BL	(Comply
		Hg	BL	WAK TESTING	Comply
TE	STING WESTING	Cr(VI)	BL	TESTIN	Comply
15	Silver screw	PBBs	D HUN	HUAR	NA
13	Oliver Sciew	PBDEs			NA
TIN	5TING	DBP	TING		NA
HUAK TES.	HUAKTES	BBP	HUAK TES	HOAK TES	NA
		DEHP		<u></u>	NA
TESTING.	a)G	DIBP	- Slen	LOX-TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 9 of 48

REPORI	「No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 9 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	LAN TESTING	Cd	BL	MINAR	Comply
3	O HO	Hg	BL		Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
16	Black, white	PBBs (STING	JAKTESTING (III)	XTESTING	NA
10	coating (silver metal)	PBDEs		MI HUAN	NA
	,	DBP			NA
	3 STING	BBP		CTNG	NA
	HUAKTES	DEHP	HUAKTE	WAK TES	NA
		DIBP			NA
TESTI	TING	Pb	BL	- WAKTESTIN	Comply
	HUAKTES	Cd	BL	•	Comply
		Hg	BL	TESTING	Comply
	THE THE	Cr(VI)	BL O	MAK .	Comply
17	Dlack white line	PBBs	BL	HUAKTESTI	Comply
17	Black, white line	PBDEs	BL		Comply
		DBP			NA
	S AKTESTING	BBP	AK-TESTING		NA
	O HOLL	DEHP	O HUM	Whom	NA
		DIBP		-SING	NA
	V. TESTING	Pb	BL	HUAK	Comply
	O HUAN	Cd	BL	(Comply
		Hg	BL	WAKTESTING	Comply
	TING OF TESTING	Cr(VI)	BL		Comply
M HUAK I	Divo wire in alset	PBBs	BL	HUAR	Comply
18	Blue wire jacket	PBDEs	BL		Comply
	S TOPS	DBP	G	N.D.	Comply
	MAKTESTING	BBP	HUAK TEST	N.D.	Comply
		DEHP		N.D.	Comply
	a)G	DIBP	- 	N.D.	Comply

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 10 of 48

REPORT	No.: HK240508/0/8-1	RR Date	e: May 14, 2024		Page 10 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	HAK TESTING	Cd	BL	MINAR	Comply
	0	Hg	BL	- NG	Comply
		Cr(VI)	BL	HUAK TESTI	Comply
19	Red wire cover	PBBs	BL	OK TESTIM	Comply
19	Neu wife cover	PBDEs	BL	● HUN	Comply
		DBP		N.D.	Comply
	3	BBP	STING	N.D.	Comply
	HUAKTE	DEHP	HUAKTE	N.D.	Comply
-n\G		DIBP		N.D.	Comply
	STAG	Pb	BL	HUAY TESTIN	Comply
	HUAKTE	Cd	BL	·	Comply
		Hg	BL	TESTING	Comply
	TING STING	Cr(VI)	BL	HUAN	Comply
20	Black wire cover	PBBs	BL	HUAKTES	Comply
20	Diddik Wife cover	PBDEs	BL	<u></u>	Comply
		DBP		N.D.	Comply
	HAKTESTING	BBP	" IAK TESTINIS	N.D.	Comply
	O HO	DEHP	O 100	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	LAK TESTING	Pb	BL	MAK	Comply
	Mary Horn	Cd	BL	(Comply
		Hg	BL	WAK TESTING	Comply
	TIME LAKTESTING	Cr(VI)	BL	Y TESTIN	Comply
21	Grey soft glue	PBBs	BL	HUAN HUAN	Comply
~ ~ I	Orey Soit glue	PBDEs	BL		Comply
	5 STING	DBP		N.D.	Comply
	MAK TESTING	BBP	HUAK TEO	N.D.	Comply
	**	DEHP		N.D.	Comply
TESTINA	ang.	DIBP	- NG	N.D.	Comply



REPORT	No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 11 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	16	Pb	BL	V TESTING	Comply
	LAK TESTING	(Cd	AK TESTING	MIAN	Comply
ò	O HO	Hg	BL		Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
22	White coating	PBBs	BL	OK TESTING	Comply
22	(Black plastic memory card)	PBDEs	BL	HI HUAN	Comply
		DBP			NA
- STIN	STING	BBP	STING	STNG	NA
WAK TES	HUAKTEL	DEHP	HUAKTE	WAK TEL	NA
n)G		DIBP			NA
£51"	TING	Pb	BL	WAY TEST	Comply
	HUAKTES	Cd	BL	•	Comply
		Hg	BL	TESTING	Comply
	TING O	Cr(VI)	BL 🚳	HIAK .	Comply
23	Green PCB board	PBBs	IN IN	N.D.	Comply
23	Green PCB board	PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
AK TESTIN	3 AKTESTING	BBP	AN TESTING	N.D.	Comply
No.	O HOW	DEHP	O HOM	N.D.	Comply
STING		DIBP		N.D.	Comply
	AKTESTING	Pb	NE TESTING	HUAK	Comply
	O HOLD	Cd	BL	(Comply
		Hg	BL	WAX TESTING	Comply
TE	STING WESTING	Cr(VI)	BL ®	TESTING	Comply
24	Silver metal solder	PBBs	M HOM	HUAR.	NA
24	joints	PBDEs			NA
-7119	5 TING	DBP	TING	-myG	NA
UAK TEST	HUAKTES	BBP	HUAK TES	THAT TES	NA
		DEHP			NA
ESTING	a)G	DIBP	SVA	AK TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT	No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 12 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	J.G	Pb	BL	OK TESTING	Comply
	HAKTESTING	© Cd	BL	MILIAN	Comply
,	O House	Hg	BL	-nG	Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
25	Silver gray coating	PBBs	BL	OK TESTING	Comply
25	Silver gray coating	PBDEs	BL	MI HUAN	Comply
		DBP			NA
STIN	3	BBP		CTNG	NA
UAK TES	HUAKTES	DEHP	HUAK TES	WAKTES	NA
1G		DIBP			NA
ESTI	TING	Pb	BL	- WAKTESTIN	Comply
	HUAKTES	Cd	BL	•	Comply
		Hg	BL	TESTING	Comply
	TING O	Cr(VI)	BL 🌕	HIAK I	Comply
26	Cilver metal	PBBs	HUAKTES.	HUAKTESTI	NA
20	Silver metal	PBDEs		<u></u>	NA
		DBP			NA
OK TESTIN	S AK TESTING	BBP	AKTESTING		NA (STORE)
Nr.	O HOM	DEHP	O HUND	(1)	NA
STING		DIBP		-SING	NA
	KTESTING	Pb	BL	HUAK	Comply
	MIAN.	Cd	BL	(Comply
		Hg	BL	WAKTESTING	Comply
16	STING WIESTING	Cr(VI)	BL	HO	Comply
HUAK	Disalenation	PBBs	BL	HUAK	Comply
27	Black soft glue	PBDEs	BL		Comply
m	5 m/G	DBP	_{my} G	N.D.	Comply
UAKTESI	HUAKTEST	BBP	HUAK TEST	N.D.	Comply
		DEHP		N.D.	Comply
ESTING	a)G	DIBP	- NO	N.D.	Comply



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 13 of 48

REPOR	T No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 13 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	.0	Pb	BL	v TESTING	Comply
	LAKTESTING	Cd Cd	DAY TESTING	MUAN	Comply
	O mo	Hg 💮 💮	BL		Comply
		Cr(VI)	BL	HUAK TEST!	Comply
28	Black fabric tape	PBBs	BL	OK TESTIN	Comply
20	Біаск іарпс іаре	PBDEs	BL	€ HOW	Comply
		DBP		N.D.	Comply
	3 ESTING	BBP	STING	N.D.	Comply
	HUAKTE	DEHP	HUAKTE	N.D.	Comply
		DIBP		N.D.	Comply
ESTI	CTING	Pb	BL	WAK TEST	Comply
	HUAKTES	Cd	BL	(i)	Comply
	9	Hg	BL	TESTING	Comply
	THE STATE OF	Cr(VI)	BL	Mak.	Comply
29	Black foam	PBBs	BL	HUAKTESTI	Comply
29	(viscose)	PBDEs	BL		Comply
		DBP		N.D.	Comply
	AK TESTING	BBP	AN TESTING	N.D.	Comply
	(I) HOW	DEHP	O HO	N.D.	Comply
		DIBP		N.D.	Comply
	N TESTING	Pb	WTESTING BL	HUAR	Comply
	MINN.	Cd	BL		Comply
		Hg	BL	"IAK TESTING	Comply
	STING WIESTING	Cr(VI)	BL ®	HO TESTIN	Comply
HUME	White plactic frame	PBBs	BL	HUAK .	Comply
30	White plastic frame	PBDEs	BL		Comply
	3 -m/G	DBP		-TING	NA
	HUAKTEST	BBP	HUAKTEST	PLAK TES I	NA
		DEHP			NA
	G	DIBP		AK-TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 14 of 48

REPURI	No.: HK240508/0/8-1	RR Date	e: May 14, 2024		Page 14 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	HAK TESTING	Cd	BL	MINAR	Comply
3	0	Hg	BL	(Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
31	White plastic frame	PBBs	BL	ON TESTING	Comply
	write plastic traffic	PBDEs	BL	● HUN	Comply
		DBP			NA
ESTIN	5 ESTING	BBP	STING	STING	NA
HUAKTE	HUAKTE	DEHP	HUAKTE	MAKTE	NA
-NG		DIBP		mG	NA
TESTI	STING	Pb	$OL^{\scriptscriptstyle{\textcircled{\scriptsize{1}}}}$	2.3*10 ⁴	Comply
	HUAKTE	Cd	BL	<u> </u>	Comply
3		Hg	BL	TESTING	Comply
	TING STING	Cr(VI)	BL	HUAK	Comply
32	Copper-colored	PBBs	M HUAKTED	HUAK TEST	NA
32	metal	PBDEs		<u> </u>	NA
		DBP			NA
LOK TESTIN	S AKTESTING	BBP	JAKTSTING		NA
HO	O HO	DEHP	(1) HO	O HO	NA
TESTING		DIBP		TE TING	NA
	AKTESTING	Pb	BL	HUAK	Comply
	O HOLD	Cd	BL	(Comply
		Hg	BL	WAK TESTING	Comply
TE	TING ON TESTING	Cr(VI)	BL	TESTING	Comply
33	White, blue line	PBBs	IN IN	N.D.	Comply
- 55	vvilite, blue lille	PBDEs	IN	N.D.	Comply
-TIN	5 TING	DBP			NA
HUAK TES.	HUAKTES	BBP	HUAK TES	HEAR TES	NA
		DEHP			NA
TESTING	-niG	DIBP		AK TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 15 of 48

REPURI	No.: HK240508/0/8-1	RR Date	e: May 14, 2024		Page 15 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	LAN TESTING	Cd	BL	MINAR	Comply
G	O HO	Hg 💮 💮	BL		Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
34	White, black plastic	PBBs (com/G	IN	N.D.	Comply
34	frame	PBDEs	IN	N.D.	Comply
		DBP			NA
STIN	3 STING	BBP	STING	STING	NA
HUAKTEL	HUAKTEL	DEHP	HUAKTE	WAK TEL	NA
ηG		DIBP			NA
TESTI	STING	Pb	BL	HUAKTESTA	Comply
	HUAKTED	Cd	BL	·	Comply
		Hg	BL	TESTING	Comply
	TING STING	Cr(VI)	BL	MAK	Comply
35	White, black plastic	PBBs	BL	HUAKTEST	Comply
33	small frame	PBDEs	BL	<u></u>	Comply
		DBP			NA
N TESTIN	3 AKTESTING	BBP	AN TESTING		NA
HOM	O HOW	DEHP	O HOW	10 HO	NA
TESTING		DIBP		TESTING	NA
	AK TESTING	Pb	BL	HUAK	Comply
A :	O HOLE	Cd	BL	(Comply
		Hg	BL	WAK TESTING	Comply
TE	STING WESTING	Cr(VI)	BL	TESTIM	Comply
36	White, blue line	PBBs	M IN	N.D.	Comply
- 30	vvilite, blue lille	PBDEs	IN	N.D.	Comply
TIN	5 TING	DBP	TING		NA
HUAKTES	HUAKTES	BBP	HUAK TES	HEAR TEST	NA
		DEHP			NA
TESTING	-niG	DIBP		AK TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 16 of 48

	Г No.: HK2405087078-1I	RR Date	Date: May 14, 2024		Page 16 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	TESTING	Comply
	LAKTESTING	(Cd	BL	MINAR	Comply
3	(a) HO	Hg	BL	- NG	Comply
		Cr(VI)	BL	HUAK TESTING	Comply
37	Green PCB board	PBBs (STATE	IN	N.D.	Comply
31	Green PCB board	PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
	3 STING	BBP	STING	N.D.	Comply
	HUAK TEL	DEHP	HUAKTE	N.D.	Comply
		DIBP		N.D.	Comply
TEST	TING	Pb	BL	WAK TESTIN	Comply
	HUAK TES.	Cd	BL		Comply
		Hg	BL	TESTING	Comply
	ING SIME	Cr(VI)	BL	MAK	Comply
38	Silver metal solder	PBBs	M HUAKTED	HUAKTEST	NA
30	joints	PBDEs		<u></u>	NA
		DBP			NA
	S AKTESTING	BBP	AN TESTING		NA
	(a) HOL	DEHP	O HO	O HO	NA
TESTING		DIBP		TS TING	NA
	AK TESTING	Pb	BL	HUAK	Comply
	O HOW	Cd	BL	(Comply
		Hg	BL	WAK TESTING	Comply
	TING OKTESTING	Cr(VI)	BL	TESTING	Comply
39	Black wire	PBBs	BL BL	HUAR	Comply
- 38	DIACK WITE	PBDEs	BL		Comply
	5G	DBP	TING		NA
	HUAKTES	BBP	HUAK TES.	HUAK TES	NA
		DEHP			NA
	-n/G	DIBP	- NO-	LAK TESTING	NA



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 17 of 48

	No.: HK240508/0/8-1	ut Date	e: May 14, 2024		Page 17 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	HAKTESTING	Cd	BL	MINAR	Comply
3	1	Hg	BL	- NG	Comply
		Cr(VI)	BL	HUAK TESTI	Comply
40	Brown bank	PBBs	BL	OK TESTIM	Comply
40	DIOWII Dalik	PBDEs	BL	● HUN	Comply
		DBP			NA
ESTIN	3 STING	BBP	STING	CSTING	NA
HUAKTE	HUAKTE	DEHP	HUAKTE	MAKTE	NA
ωG		DIBP			NA
TEST	TING	Pb	BL	WAK TESTIN	Comply
	HUAKTES	Cd	BL	•	Comply
		Hg	BL	TESTING	Comply
	THE THE	Cr(VI)	BL 🌕	Max .	Comply
41	Cilver metal case	PBBs	BL	HUAKTESTIL	Comply
41	Silver metal case	PBDEs	BL		Comply
		DBP			NA
AK TESTIN	3 AKTESTING	BBP	AK TESTING		NA
HOM	O HOM	DEHP	O HUND	10 HO	NA
ESTING		DIBP		-ESTING	NA
	AK TESTING	Pb	BL	HUAK	Comply
	HUM	Cd	BL		Comply
		Hg	BL	WAKTESTING	Comply
.16	STING WESTING	Cr(VI)	BL	TESTIN	Comply
42	Transparent plastic	PBBs	BL BL	HUAK.	Comply
42	sheet	PBDEs	BL		Comply
-711	S TING	DBP		N.D.	Comply
HUAK TESI	HUAKTES	BBP	HUAK TEST	N.D.	Comply
		DEHP		N.D.	Comply
TESTING	, myG	DIBP	- NO	N.D.	Comply

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT	Г No.: HK2405087078-1F	RR Date	e: May 14, 2024		Page 18 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	.G	Pb	BL	V TESTING	Comply
	MAKTESTING	Cd	BL	(1) HUM	Comply
	9 100	Hg	BL	TOG-	Comply
	.0.	Cr(VI)	BL	HUAKTES!	Comply
43	Silver plastic sheet	PBBs	BL	AK TESTIM	Comply
43	Silver plastic sheet	PBDEs	BL	C HUM	Comply
		DBP		N.D.	Comply
	STING	BBP	STING	N.D.	Comply
	HIAKTE	DEHP	HUAKTE	N.D.	Comply
-nJG		DIBP		N.D.	Comply
TESTI	STNG	Pb	BL	HUAYTESTI	Comply
	HUAKTE	Cd	BL	·	Comply
		Hg	BL	TESTING	Comply
	ING STING	Cr(VI)	BL 💿	HUAK	Comply
44	White plastic	PBBs	BL	HUAKTEST	Comply
944	White plastic	PBDEs	BL	<u> </u>	Comply
		DBP		N.D.	Comply
	S LAKTESTING	BBP	JAK TESTING	N.D.	Comply
	O HO	DEHP	(1) HD	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	AK TESTING	Pb	BL	MAK -	Comply
	O HOP	Cd	BL		Comply
		Hg	BL	WAY TESTING	Comply
	TING OK TESTING	Cr(VI)	BL	TESTING	Comply
45	Silver plastic sheet	PBBs	BL BL	HUAR	Comply
40	Silver plastic sheet	PBDEs	BL		Comply
	5 TING	DBP		N.D.	Comply
	HUAN TESTING	BBP	HUAK TES	N.D.	Comply
		DEHP		N.D.	Comply
	-mVG	DIBP	- NE	N.D.	Comply



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 19 of 48

REPOR	Г No.: HK2405087078-1I	RR Date	e: May 14, 2024		Page 19 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
		Pb	BL	W TESTING	Comply
	LAK TESTING	© Cd	NETESTING BL	MUAN	Comply
	O HO	Hg	BL		Comply
		Cr(VI)	BL	HUAK TEST!	Comply
46	White plastic sheet	PBBs	BL	OKTESTIN	Comply
40	vville plastic slieet	PBDEs	BL	€ HOW	Comply
		DBP		N.D.	Comply
	5 ESTING	BBP	STING	N.D.	Comply
	HUAKTE	DEHP	HUAKTE	N.D.	Comply
		DIBP		N.D.	Comply
ESTI	CTING	Pb	BL	WAK TEST	Comply
	HUAKTES	Cd	BL	(i)	Comply
		Hg	BL	TESTING	Comply
	ING SIME	Cr(VI)	BL	Mak.	Comply
47	Dark silver plastic	PBBs	BL	HUAKTESTI	Comply
47	sheet	PBDEs	BL		Comply
		DBP		N.D.	Comply
	AK TESTING	BBP	OF TESTING	N.D.	Comply
	(a) HO	DEHP	O HO	N.D.	Comply
		DIBP		N.D.	Comply
	AK TESTING	Pb	BL	HUAR	Comply
	O HUM	Cd	BL		Comply
		HILAK TESTIME Hg	BL	"IAK TESTINE"	Comply
	TING XTESTING	Cr(VI)	BL	TESTIN	Comply
48	1453.01	PBBs	BL	HUAK .	Comply
40	LED light	PBDEs	BL		Comply
	3 -TING	DBP		-TING	NA
	WARTESTING	BBP	HUAK TEST	PLAK TES I	NA
	(9)	DEHP		<u> </u>	NA
	-G	DIBP	.,	AX TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 20 of 48

REPURI	No.: HK240508/0/8-1	RR Date	e: May 14, 2024		Page 20 of 48
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	V TESTING	Comply
	LAK TESTING	Cd	BL	MINAR	Comply
3	O HOW	Hg	BL	- NO	Comply
		Cr(VI)	BL	HUAK TESTIN	Comply
49	Silver metal solder	PBBs	TIAK TESTINIS	OK TESTING	NA
49	joints	PBDEs	3 Ho	MINN.	NA
		DBP			NA
STIN	3 STING	BBP	STING	STING	NA
HUAKTES	HUAK TEL	DEHP	HUAKTE	WAK TEL	NA
a)G		DIBP			NA
TES III	TING	Pb	BL	- WAKTESTIN	Comply
	HUAK TES.	Cd	BL	•	Comply
r:		Hg	BL	TESTING	Comply
	TING TING	Cr(VI)	BL ®	Max .	Comply
50	White DCD board	PBBs	BL	HUAKTESTIL	Comply
50	White PCB board	PBDEs	BL		Comply
		DBP		N.D.	Comply
OK TESTIN	AKTESTING	BBP	AN TESTING	N.D.	Comply
HOM	O HOLD	DEHP	O HUND	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	A TESTING	Pb	BL	HUAK	Comply
	O HUAN	Cd	BL	(Comply
		Hg	BL	WAKTESTING	Comply
TE.	STING WESTING	Cr(VI)	IN NO DE	N.D.	Comply
ME4	Silver metal applicat	PBBs	MININ	HUAK.	NA
51	Silver metal gasket	PBDEs			NA
-7114	3 TING	DBP		-TING	NA
HUAKTESI	HUAKTES	BBP	HUAKTES	PLAKTES!	NA
		DEHP			NA
TESTING	a)G	DIBP	- Eller	LOK TESTING	NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 21 of 48

\L: O:\:	140 11142-10000707070 11	: 1112-100001010 1141			1 age 2 1 01 10
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	OK TESTING	Comply
		Cd	BL	MIA	Comply
		Hg 💮	BL	mis-	Comply
		Cr(VI)	BL	HUAKTES!	Comply
52	Silver screw	PBBs	WAX TESTINE	OKTESTIN	NA
52 Sliver screw	PBDEs		€ HOW	NA	
		DBP			NA
ESTIN		BBP	-ESTING	ESTING	NA
MAKIE		DEHP	HUAKTE	MAKTL	NA
		DIBP			NA

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannon be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 22 of 48

Remark:

(1) (a) When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively, When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.

(b)Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr (VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
O4 (iii)	BL≤(70-3σ) <x<(130+3σ)< td=""><td>BL≤(70-3σ)<x<(130+3σ)< td=""><td>LOD (V ((450) 25) (O)</td></x<(130+3σ)<></td></x<(130+3σ)<>	BL≤(70-3σ) <x<(130+3σ)< td=""><td>LOD (V ((450) 25) (O)</td></x<(130+3σ)<>	LOD (V ((450) 25) (O)
Cd	≤OL	≤OL	LOD <x<(150+3σ) td="" ≤ol<=""></x<(150+3σ)>
TESTING DIE	BL≤(700-3σ) <x<(1300+3σ)< td=""><td>BL≤(700-</td><td>BL≤(500-</td></x<(1300+3σ)<>	BL≤(700-	BL≤(500-
Pb	≤OL	3σ) <x<(1300+3σ) td="" ≤ol<=""><td>3σ)<x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)></td></x<(1300+3σ)>	3σ) <x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)>
NG II.	BL≤(700-3σ) <x<(1300+3σ)< td=""><td>BL≤(700-</td><td>BL≤(500-</td></x<(1300+3σ)<>	BL≤(700-	BL≤(500-
Hg	≤OL	3σ) <x<(1300+3σ) td="" ≤ol<=""><td>3σ)<x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)></td></x<(1300+3σ)>	3σ) <x<(1500+3σ) td="" ≤ol<=""></x<(1500+3σ)>
Br HUAN	BL≤(300-3σ) <x< td=""><td>HUAKTES</td><td>BL≤(250-3σ)<x< td=""></x<></td></x<>	HUAKTES	BL≤(250-3σ) <x< td=""></x<>
Cr	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ)<x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>

- (c) BL = Below warning value, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection, -- = Not Regulated, NA = Not Applicable.
- (d) The XRF screening test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) 1mg/kg = 1ppm = 0.0001%, N.D.= Not Detected (<MDL), --- = Not Conducted.
 - (b) Unit and Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Cd	Hg	DBP	BBP	DEHP	DIBP
Units	mg/kg						
MDL	2	2	2	100	100	100	100

The MDL for single compound of PBBs & PBDEs is 5 mg/kg, MDL of Cr(VI) for polymer & composite sample is 2 mg/kg and MDL of DBP, BBP, DEHP and DIBP is 30mg/kg.

(c) When Cr(VI) for metal sample is testing according to IEC 62321-7-1:2015, the unit is $\mu g/cm^2$, and the MDL is 0,10 $\mu g/cm^2$. When the Cr (VI) concentration is > the 0,13 $\mu g/cm^2$, the sample is positive for Cr(VI) and considered to contain Cr(VI); when the Cr (VI) concentration is N.D.(< the 0,10 $\mu g/cm^2$), the sample is negative for Cr(VI) and considered a non-Cr(VI) based coating; when the Cr (VI) concentration is \geq the 0,10 $\mu g/cm^2$ and \leq the 0,13 $\mu g/cm^2$, the result is considered to be inconclusive - Unavoidable coating variations may influence the determination.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 23 of 48

- (d) [®]RoHS Exemption: 6(c), Copper alloy containing up to 4 % lead by weight.
- (e) For necessary wet chemistry measurements (flame retardants, phthalates) components with a weight of less than 0.1 grams are not considered for testing and rating due to technical measurement reasons.

(3) The maximum permissible limit is quoted from the Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II.

RoHS Restricted Substances	Maximum Concentration Value (by weight in homogenous materials)		
Lead (Pb)	0.1%		
Cadmium (Cd)	0.01%		
Mercury (Hg)	0.1%		
Hexavalent Chromium (Cr VI)	0.1%		
Polybrominated biphenyls (PBBs)	0.1%		
Polybrominated diphenylethers (PBDEs)	0.1%		
Dibutyl Phthalate (DBP)	0.1%		
Benzylbutyl Phthalate (BBP)	0.1%		
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.1%		
Diisobutyl Phthalate (DIBP)	0.1%		

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 24 of 48

RoHS Exemptions

Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (E	U)2017/2102
Exemption Items	Expires Date
Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):	MAK TESTING
1(a), For general lighting purposes < 30 W:3,5 mg	Expires on 24 February 2023
1(b), For general lighting purposes≥ 30 W and < 50W:3,5mg	Expires on 24 February 2023
1(c), For general lighting purposes ≥ 50 W and < 150 W: 5 mg	Expires on 24 February 2023
1(d), For general lighting purposes ≥ 150 W: 15 mg	Expires on 24 February 2023
1(e), For general lighting purposes with circular or square structural shape and tube diameter ≤ 17 mm: 7 mg	Expires on 24 February 2023
1(f)-I,For lamps designed to emit mainly light in the ultraviolet spectrum: 5 mg	Expires on 24 February 2027
1(f)-II,For special purposes: 5 mg	Expires on 24 February 2025
1(g),For general lighting purposes < 30 W with a lifetime equal or above 20000 h: 3,5 mg	Expires on 24 August 2023
2(a),Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):	White is
2(a)(1),Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 4 mg	Expires on 24 February 2023
2(a)(2),Tri-band phosphor with normal lifetime and a tube diameter ≥ 9 mm and ≤ 17 mm (e.g. T5): 3 mg	Expires on 24 August 2023
2(a)(3),Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and ≤ 28 mm (e.g. T8):3.5mg	Expires on 24 August 2023
2(a)(4),Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 5 mg	Expires on 24 February 2023
2(a)(5),Tri-band phosphor with long lifetime (≥ 25 000 h): 5 mg	Expires on 24 February 2023
2(b), Mercury in other fluorescent lamps not exceeding (per lamp):	TING
2(b)(1),Linearhalophosphate lamps with tube > 28 mm (e.g. T10 and T12): 10 mg	Expires on 13 April 2012
2(b)(2),Non-linear halophosphate lamps (all diameters): 15 mg	Expires on 13 April 2016
2(b)(3),Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9):15mg	Expires on 24 February 2023; 10 mg may be used per lamp from 25 February 2023 until 24 February 2025
2(b)(4) -I, Lamps for other general lighting and special purposes (e.g. induction lamps): 15 mg	Expires on 24 February 2025
2(b)(4) -II, Lamps emitting mainly light in the ultraviolet spectrum: 15 mg	Expires on 24 February 2027
2(b)(4) -III, Emergency lamps: 15 mg	Expires on 24 February 2027
3, Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp):	- MAKTISTING





REPORT No.: HK2405087078-1RR Date: May 14, 2024	Page 25 of 48
Exemptions	and Sun
RoHS Directive 2011/65/EU ANNEX III and (I	EU)2017/2102
Exemption Items	Expires Date
3(a), Short length (≤500 mm):3.5mg	Expires on 24 February 2025
3(b), Medium length (> 500 mm and ≤ 1 500 mm):5mg	Expires on 24 February 2025
3(c), Long length (> 1 500 mm):13mg	Expires on 24 February 2025
4(a), Mercury in other low pressure discharge lamps (per lamp):15mg	Expires on 24 February 2023
4(a)-I,Mercury in low pressure non-phosphor coated discharge lamps, where the application requires the main range of the lamp-spectral output to be in the ultraviolet spectrum: up to 15 mg mercury may be used per lamp	Expires on 24 February 2027
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 > 80: P ≤ 105 W: 16 mg may be used per burner	Expires on 24 February 2027
4(b) -I,rendering indexRa > 60:P ≤155 W:30mg	Expires on 24 February 2023
4(b) -II,rendering index Ra > 60:155 W < P ≤ 405 W:40mg	Expires on 24 February 2023
4(b) -III,rendering index Ra > 60: P > 405 W:40mg	Expires on 24 February 2023
4(c),Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):	TESTING
4(c)-I,P ≤ 155 W:20mg	Expires on 24 February 2027
4(c)-II,155 W < P ≤ 405 W:25mg	Expires on 24 February 2027
4(c)-III,P> 405 W:25mg	Expires on 24 February 2027
4(d),Mercury in High Pressure Mercury (vapour) lamps (HPMV)	Expires on 13 April 2015
4(e),Mercury in metal halide lamps (MH)	Expires on 24 February 2027
4(f)-I,Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex	Expires on 24 February 2025
4(f)-II,Mercury in high pressure mercury vapour lamps used in projectors where an output ≥ 2000 lumen ANSI is required	Expires on 24 February 2027
4(f)-III,Mercury in high pressure sodium vapour lamps used for horticultulighting	re Expires on 24 February 2027
4(f)-IV,Mercury in lamps emitting light in the ultraviolet spectrum	Expires on 24 February 2027
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: (a) 20 mg per electrode pair + 0,3 mg per tube length in cm, but not more than 80 mg, for outdoo 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 mo than 80 mg, for all other indoor applications.	Expires on 31 December 2018
5(a), Lead in glass of cathode ray tubes	(0)33 (0)33
5(b), Lead in glass of fluorescent tubes not exceeding 0,2 % by weight	W. T. Strand
C(2), 2000 in glade of had occorn table not exceeding 0,2 70 by Weight	THE HUM



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 26 of 48

REPORT No.: HK2405087078-1RR Date: May 14, 2024	Page 26 of 48
Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (EU)	2017/2102
Exemption Items	Expires Date
6(a), Lead as an alloying element in steel for machining purposes and in	-STING
galvanized steel containing up to 0,35 % lead by weight	HUAKTES
6(a)-I,Lead as an alloying element in steel for machining purposes	WAY I
containing up to 0,35 % lead by weight and in batch hot dip galvanised	
steel components containing up to 0,2 % lead by weight	V TESTIVE
6(b),Lead as an alloying element in aluminium containing up to 0,4 % lead	THE TIME
by weight	TESTI TESTIN
6(b)-I, Lead as an alloying element in aluminium containing up to 0,4 % ead by weight	0 m
6(b)-II, Lead as an alloying element in aluminium containing up to 0,4 % ead by weight	. Dr.
6(c), Copper alloy containing up to 4 % lead by weight	JAKTESTI.
7(a), Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead)	0,00
7(b), Lead in solders for servers, storage and storage array systems,	NYTESTI.
network infrastructure equipment for switching, signalling, transmission,	HUM.
and network management for telecommunications	HILI
7(c)-I, Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic	KYTESTING
devices, or in a glass or ceramic matrix compound	THE THIS
7(c)-II, Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	HIANTES!" HIANTES
	Expires on 1 January 2013 and
7(c)-III, Lead in dielectric ceramic in capacitors for a rated voltage of less	after that date may be used in
than 125 V AC or 250 V DC	spare parts for EEE placed on the
LAKTES LA	market before 1 January 2013
	Expires on:
	-21 July 2021 for categories 1-7
	and 10;
	-21 July 2021 for categories 8 and
7(a) IV. Load in DZT based disloctric caramic materials for conscitors	9 other than in vitro diagnostic
7(c)-IV, Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors	medical devices and industrial
being part of integrated circuits of discrete semiconductors	monitoring and control instruments; -21 July 2023 for category 8 in vitro
	diagnostic medical devices;
	-21 July 2024 for category 9
	industrial monitoring and control
	instruments, and for category 11.
	Expires on 1 January 2012 and
R(a) Cadmium and its compounds in one shot pollet tupe thermal out offs	after that date may be used in
8(a), Cadmium and its compounds in one shot pellet type thermal cut-offs	spare parts for EEE placed on the
	market before 1 January 2012
B(b), Cadmium and its compounds in electrical contacts	TESTING
	, n/e 1"

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 27 of 48

REPORT No.: HK2405087078-1RR	Date: May 14, 2024	Page 27 of 48
Name Start	Exemptions	Star. Star.
RoHS Direct	ctive 2011/65/EU ANNEX III and (EU	J)2017/2102
Exemption Items	9	Expires Date
8(b)-I,Cadmium and its compounds in - circuit breakers, - thermal sensing controls, - thermal motor protectors (excluding - AC switches rated at: 6 A and more more at 125 V AC and more, - DC switches rated at 20 A and more - switches for use at voltage supply fre	hermetic thermal motor protectors), at 250 V AC and more, or 12 A and e at 18 V DC and more, and	UNITESTING HUANTESTING HUANTESTING
9, Hexavalent chromium as an anticort cooling system in absorption refrigerat cooling solution	rosion agent of the carbon steel	
9(a)-I,Up to 0,75 % hexavalent chrominanticorrosion agent in the cooling solution of absorption refrigerators (including materially with electrical heater, having an at constant running conditions	tion of carbon steel cooling systems ninibars) designed to operate fully or	Applies to categories 1-7 and 10 and expires on 5 March 2021.
9(a)-II,Up to 0,75 % hexavalent chrom anticorrosion agent in the cooling solution of absorption refrigerators: - designed to operate fully or partly will average utilised power input ≥ 75 W at a designed to fully operate with noneles	Applies to categories 1-7 and 10 and expires on 21 July 2021.	
9(a)-III,Up to 0,7 % hexavalent chromic anticorrosion agent in the working fluid gas absorption heat pumps for space a	d of the carbon steel sealed circuit of	Applies to category 1 and expires on 31 December 2026.
9(b), Lead in bearing shells and bushe compressors for heating, ventilation, a (HVACR) applications	es for refrigerant-containing hir conditioning and refrigeration	Applies to categories 8, 9 and 11; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments and for category 11, - 21 July 2021 for other subcategories of categories 8 and 9.
9(b)-(I),Lead in bearing shells and bus hermetic scroll compressors with a sta below 9 kW for heating, ventilation, air (HVACR) applications	ated electrical power input equal or	Applies to category 1; expires on 21 July 2019.
11(a), Lead used in C-press compliant	t pin connector systems	May be used in spare parts for EEE placed on the market before 24 September 2010



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 28 of 48

REPORT No.: HK2405087078-1RR Date: May 14, 2024	Page 28 of 48
Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (EU)	2017/2102
Exemption Items	Expires Date
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
12, Lead as a coating material for the thermal conduction module C-ring	May be used in spare parts for EEE placed on the market before 24 September 2010
13(a), Lead in white glasses used for optical applications	Applies to all categories; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments and for category 11;
KTESTING NAMESTING ON TESTING	- 21 July 2021 for all other categories and subcategories Applies to categories 8, 9 and 11;
13(b), Cadmium and lead in filter glasses and glasses used for reflectance standards	expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments and for category 11; - 21 July 2021 for other subcategories of categories 8 and 9
13(b)- (I),Lead in ion coloured optical filter glass types	MAY TESTING
13(b)- (II),Cadmium in striking optical filter glass types; excluding applications falling under point 39 of this Annex	O HO
13(b)- (III),Cadmium and lead in glazes used for reflectance standards	TESTING
14, Lead in solders consisting of more than two elements for the connection between the pins and the package of micropro-cessors with a lead content of more than 80 % and less than 85 % by weight	Expired 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	Applies to categories 8, 9 and 11 and expires on: - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 29 of 48

REPORT No.: HK2405087078-1RR Date: May 14, 2024	Page 29 of 48
Exemptions	
RoHS Directive 2011/65/EU ANNEX III and (EU)2017/2102
Exemption Items	Expires Date
15(a),Lead in solders to complete a viable electrical connection between the semiconductor die and carrier within integrated circuit flip chip packages where at least one of the following criteria applies:- a semiconductor technology node of 90 nm or larger; - a single die of 300 mm2 or larger in any semiconductor technology node; - stacked die packages with die of 300 mm2 or larger, or silicon interposers of 300 mm or larger	Applies to categories 1 to 7 and 10 and expires on 21 July 2021.
16, Lead in linear incandescent lamps with silicate coated tubes	Expires on 1 September 2013
17, Lead halide as radiant agent in high intensity discharge (HID) lamps used for professional reprography applications	
18(a), Lead as activator in the fluorescent powder (1 % lead by weight of less) of discharge lamps when used as speciality lamps for diazoprinting reprography, lithography, insect traps,photochemical and curing processes containing phosphors such as SMS ((Sr,Ba)2MgSi2O7:Pb)	
	Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro
18(b), Lead as activator in the fluorescent powder (1 % lead by weight o less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP (BaSi $_2$ O $_5$:Pb)	diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
18(b)-I,Lead as activator in the fluorescent powder (1 % lead by weight cless) of discharge lampscontaining phosphors such as BSP (BaSi2O5:P when used in medical phototherapy equipment	
19,Lead with PbBiSn-Hg and PbInSn-Hg in specific compositions as ma amalgam and with PbSnHg as auxiliary amalgam in very compact energ saving lamps (ESL)	in gy Expires on 1 June 2011
20,Lead oxide in glass used for bonding front and rear substrates of flat fluorescent lamps used for Liquid Crystal Displays (LCDs)	Expires on 1 June 2011





REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 30 of 48

REPORT No.: HK2405087078-1RR	Date: May 14, 2024	Page 30 of 48
TING	Exemptions	TING
RoHS Directive 20	11/65/EU ANNEX III and (EU)2017/2102
Exemption Items	9	Expires Date
21, Lead and cadmium in printing inks for the glasses, such as borosilicate and soda lime g		Applies to categories 8, 9 and 11 and expires on: - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
21(a),Cadmium when used in colour printed functions, used as a component in lighting ap displays and control panels of EEE		Applies to categories 1 to 7 and 10 except applications covered by entry 21(b) or entry 39 and expires on 21 July 2021
21(b),Cadmium in printing inks for the application such as borosilicate and soda lime glasses	ation of enamels on glasses,	Applies to categories 1 to 7 and 10 except applications covered by entry 21(a) or 39 and expires on 21 July 2021.
21(c),Lead in printing inks for the application borosilicate glasses	of enamels on other than	Applies to categories 1 to 7 and 10 and expires on 21 July 2021.
23, Lead in finishes of fine pitch components pitch of 0,65 mm and less	other than connectors with a	May be used in spare parts for EEE placed on the market before 24 September 2010
24, Lead in solders for the soldering to mach and planar array ceramic multilayer capacitor	THE HUMAN TESTING	Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices,- 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
25, Lead oxide in surface conduction electror in structural elements, notably in the seal frit	A COLUMN TO THE PARTY OF THE PA	HUAKTES! HUAKTE
26,Lead oxide in the glass envelope of black		Expires on 1 June 2011
27,Lead alloys as solder for transducers used (designated to operate for several hours at addB SPL and above) loudspeakers	d in high-powered	Expired on 24 September 2010





REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 31 of 48

RoHS Directive 2011/65/EU ANNEX III and (EU Exemption Items	Expires Date
	Expires Date
Exemption Items	•
TESTING THE THE	
G HUAY TESTING HUAY TESTING	Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro
29, Lead bound in crystal glass as defined in Annex I (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC (1)	diagnosticmedical devices and industrial monitoring and ontrol instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9
"IAN TESTING"	industrial monitoring and control
30, Cadmium alloys as electrical/mechanical solder joints to elec-trical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more	instruments, and for category 11.
31, Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)	O HUAKTES!
32, Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes	Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control
33, Lead in solders for the soldering of thin copper wires of 100 μm	instruments, and for category 11.
diameter and less in power transformers	Applies to all categories; expires on: - 21 July 2021 for categories 1-7
34, Lead in cermet-based trimmer potentiometer elements	and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial
	monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 32 of 48

REPORT No.: HK240508/0/8-1RR	Page 32 of 48	
Exemptions	Diam. Star	
RoHS Directive 2011/65/EU ANNEX III and (EU)	2017/2102	
Exemption Items	Expires Date	
36, Mercury used as a cathode sputtering inhibitor in DC plasma displays with a content up to 30 mg per display	Expired on 1 July 2010	
37, Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body	Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.	
38, Cadmium and cadmium oxide in thick film pastes used on aluminium bonded beryllium oxide	HAMTESTING UNITESTING	
39(a), Cadmium selenide in downshifting cadmiumbased semiconductor nanocrystal quantum dots for use in display lighting applications (< 0,2 μg Cd per mm2 of display screen area)	Expires for all categories on 31 October 2019	
40, Cadmium in photoresistors for analogue optocouplers applied in professional audio equipment	Expires on 31 December 2013	
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 thecrankcase 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))	Applies to all categories and expires on: - 31 March 2022 for categories 1 to 7, 10 and 11; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments.	
42,Lead in bearings and bushes of diesel or gaseous fuel powered internal combustion engines applied in non-road professional use equipment:- with engine total displacement ≥ 15 litres; or - with engine total displacement < 15 litres and the engine is designed to operate in applications where the time between signal to start and full load is required to be less than 10 seconds; or regular maintenance is typically performed in a harsh and dirty outdoor environment, such as mining, construction, and agriculture applications	Applies to category 11, excluding applications covered by entry 6(c) of this Annex. Expires on 21 July 2024.	



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 33 of 48

TING	-myG	-mid	exemptions	NG.	THE THE
AUAK TES.	RoHS I	Directive 2011/65/	EU ANNEX III aı	nd (EU)2017/2102	TES, HUAKTES,
Exemption Items	5			Expires D	Date
designed for use use and provided human mucous n	in equipment that that no plasticis nembranes or int	ubber component it is not intended s ed material comes o prolonged conta (2-ethylhexyl) pht	solely for consum s into contact with act with human sk	er Municipal Control	WAKTESTING
gaskets; or (iii) ru	bber component g electrical, mec	or (i) gasket coatir s included in asse hanical or hydraul	emblies of at least	t three on 21 July	category 11 and expires / 2024
referred to in poir with human skin'	it (a). For the pui means continuo	or rubbercontaining roses of this entrus contact of more er a period of 30 r	y, 'prolonged con than 10 minutes	tact	
44,Lead in solder of sensors, actuators, and engine control units of combustion engines within the scope of Regulation (EU) 2016/1628 of the European Parliament and of the Council (4), installed in equipment used at fixed positions while in operation which is designed for professionals, but also used by non-professional users			sed Applies to	category 11 and expires / 2024.	
45,Leaddiazide, l tetroxide), lead di	ead styphnate, le oxide in electric) use and bariun	ead dipicramate, c and electronic init n chromate in long	iators of explosive time pyrotechnic	es for Applies to on 20 Apr	category 11 and expires

** Modified History **

inicamou motory					
Revision	Description	Issued Data	Remark		
Revision 1.0	Initial Test Report Release	2024/05/14	Jason Zhou		
	- WAYTES I	- HUAKTES III			
TESTING	W TESTING	A TESTING (B)	TESTING IN TESTING		



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 34 of 48

Photo(s) of the sample(s)



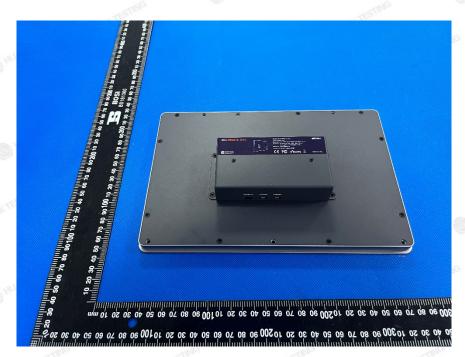


The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK,



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 35 of 48



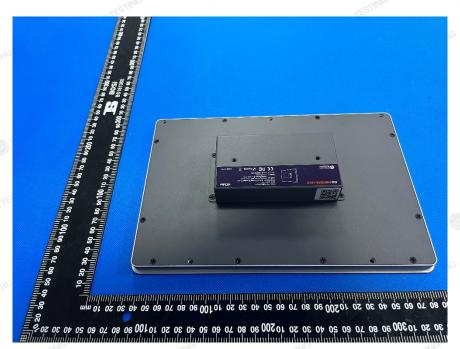


The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 36 of 48



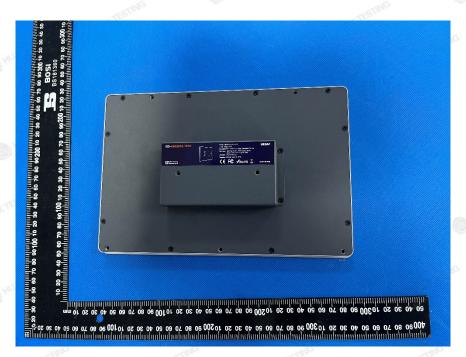


The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannon be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 37 of 48







REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 38 of 48



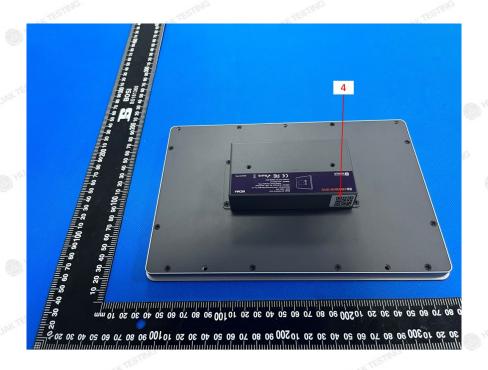


The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 39 of 48



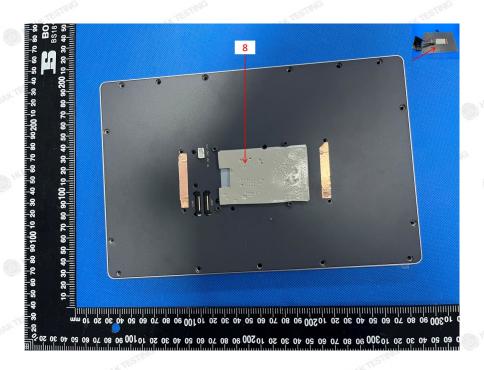


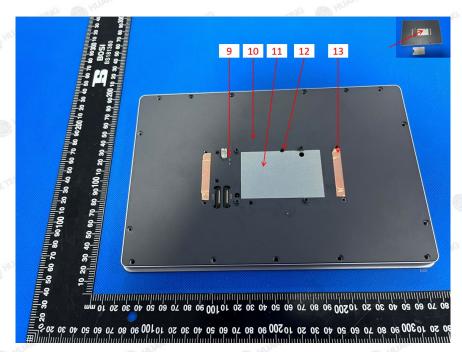
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 40 of 48



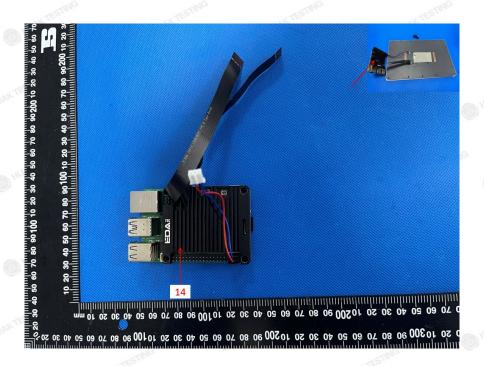


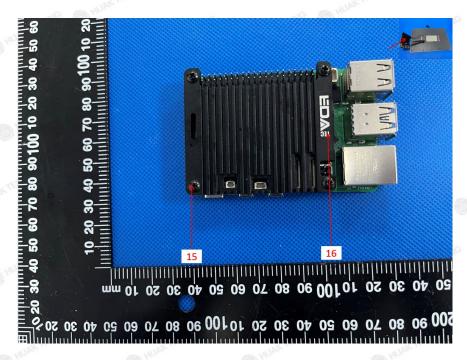
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 41 of 48

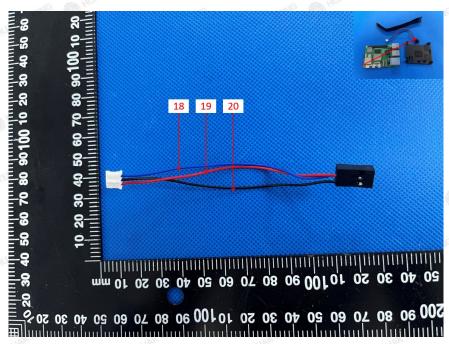






REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 42 of 48



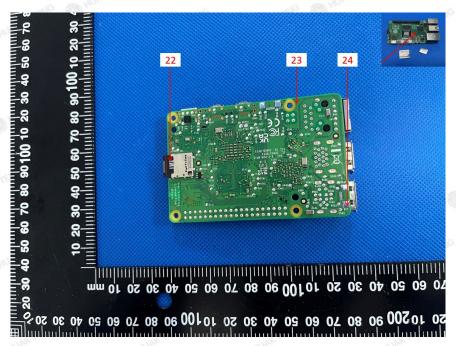


The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK,



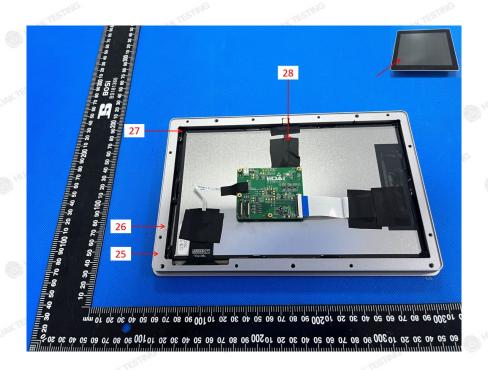
REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 43 of 48

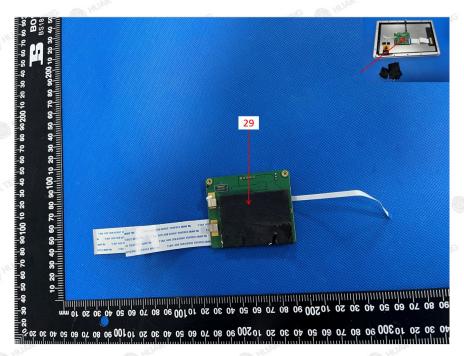






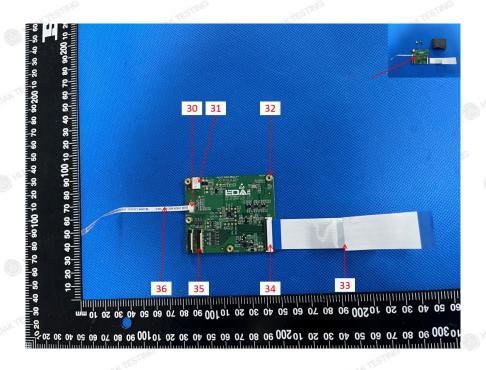
REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 44 of 48

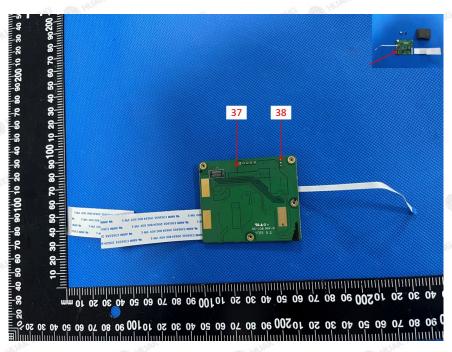






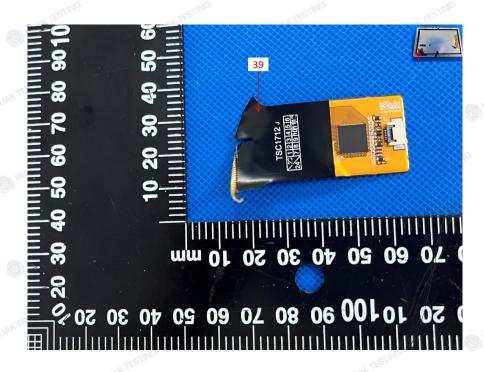
REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 45 of 48

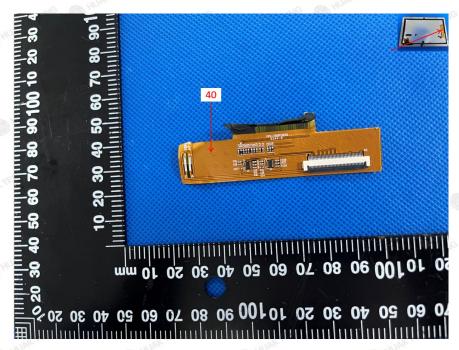






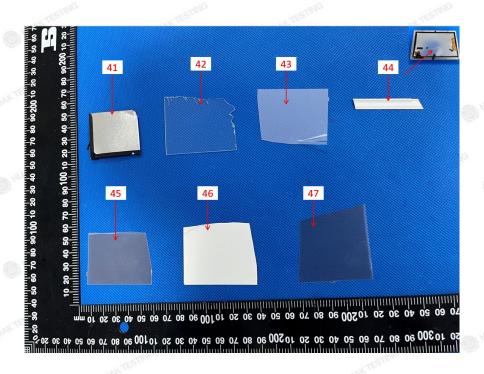
REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 46 of 48

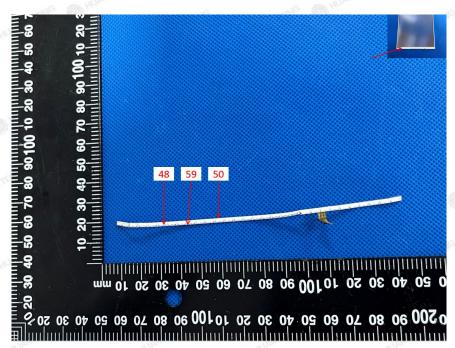






REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 47 of 48





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK,



REPORT No.: HK2405087078-1RR Date: May 14, 2024 Page 48 of 48



HUAK authenticate the photo on original report only

*** End of Report ***

Remark: This report is considered invalidated without the Special Seal for Inspection of the HUAK. This report shall not be altered, increased or deleted. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone who uses this report should understand all of the details of the engagement. Without written approval of HUAK, this test report shall not be copied except in full and published as advertisement.

