

RoHS TEST REPORT

For

LED SPOT LIGHT

 $VT-203,\ VT-204,\ VT-205,\ VT-227D,\ VT-247D,\ VT-275,\ VT-292,\ VT-291,\ VT-227,$

Wodel No.: VT-249, VT-257, VT-267, VT-201, VT-234, VT-2244, VT-2225, VT-2095, VT-1975,

VT-205, VT-2333, VT-2215, VT-11033, VT-2175D, VT-271, VT-232, VT-247,

VT-277, VT-239

Applicant: V-TAC EXPORTS LIMITED

ROOM NO.301, KAM ON BUILDING 176A QUEENS ROAD CENTRAL,

CENTRAL, HONGKONG

Manufacturer: V-TAC EXPORTS LIMITED

ROOM NO.301, KAM ON BUILDING 176A QUEENS ROAD CENTRAL,

CENTRAL, HONGKONG

Issued By: Global-Standard Testing Service Co. Md.

Room 1505, Building Lucina Place Pingshan Avenue, Pingshan District,

Shenzhen, China

Tel: +86 755 33863599

Email: market@gstslab.com

Report Number: GST.220509.M404R-R1

Issued Date: July 26, 2023

Date of Report: July 26, 2023

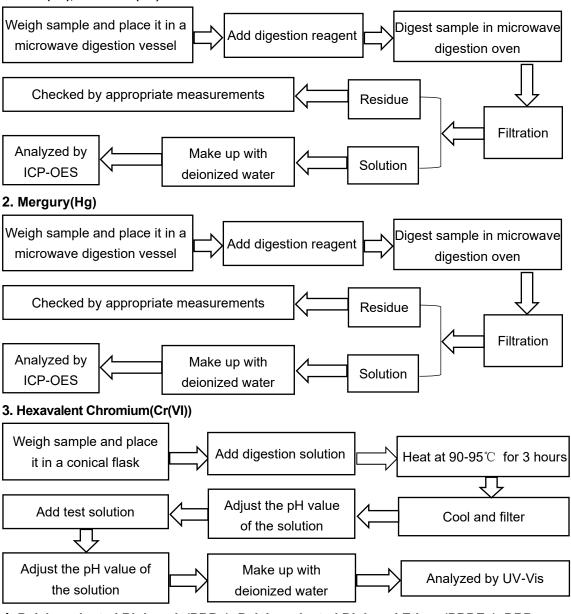
Note:

- 1. The test data and result is based on the tested sample only.
- 2. Please verify information in the report on GST web: www.gstslab.com through report number.
- 3. All rights reserve, the pirate edition investigates necessarily! This report shall not be reproduced unless under the authority of Global-Standard Testing Service Co., Ltd.
- 4. This report is updated the standard for based on report GST.220509.M404R, dated May 24, 2022, It added new models and updated standard, new models have similar electrical and mechanical structure with original report models, no test for this revision.

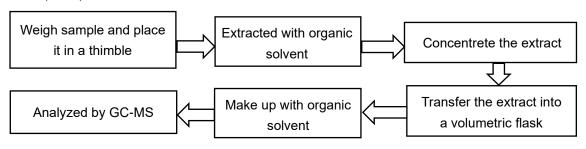


Testing method

1. Lead(Pb), Cadmium(Cd)



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), DBP, DEHP, BBP, DIBP





Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Cd	Hg	PBBs & PBDEs
Unit	mg/kg	mg/kg	mg/kg	mg/kg
MDL	2	2	2	2

Result	:	Pass
Conclusion	:	An independent evaluation on the above-mentioned product(s) has been conducted pursuant to 2011/65/EU and (EU)2015/863 of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and concluded that the equipment under evaluation met the legislative requirements of this directive.

Prepared by

John Huang

Senior Project Engineer

July 26, 2023

Reviewed by





Test Data Summary

SAMPLE	COMPONENTS	Item	Results of	Results of	Chemical	Conclusion
NO.			EDXRF	testing(mg/kg)	testing	(P/F)
110.			(P/F/D)	testing(mg/kg/	limit	(171)
			(F/F/D)			
		0.1		N.D.	(mg/kg)	
		Cd	Р	N.D.	<100	Р
		Cr	P	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
1	Diffuser	PBBs	D	N.D.	<1000	Р
!	Dillusei	PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
	Glue	PBBs	D	N.D.	<1000	Р
2		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
	Plastic enclosure	Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
3		PBBs	D	N.D.	<1000	Р
		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		Cd	Р	N.D.	<100	P
		Cr	P P	N.D.	<1000	P P
		Hg Pb	P	N.D.	<1000 <1000	P P
		PBBs	D P	N.D.	<1000	P
4	LED	PBDEs	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		טוטר	U D	וא.ט.	~ 1000	Г



SAMPLE	COMPONENTS	Item	Results of	Results of	Chemical	Conclusion
NO.	COMI CITERIO	itoiii	EDXRF	testing(mg/kg)	testing	(P/F)
NO.				testing(ing/kg)	•	(F/F)
			(P/F/D)		limit	
					(mg/kg)	
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
_	LED DOD	PBBs	D	N.D.	<1000	Р
5	LED PCB	PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
	Internal wire	PBBs	D	N.D.	<1000	Р
6		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	P	N.D.	<1000	Р
7	Driver PCB	PBBs	D	N.D.	<1000	Р
		PBDEs	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	P P
		BBP DIBP	D D	N.D.	<1000 <1000	P
		Cd	P	N.D.	<1000	P
8		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
	Transformer	Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P



SAMPLE	COMPONENTS	Item	Results of	Reference No.: G	Chemical	Conclusion
NO.	COMIT CITERITO	10111	EDXRF	testing(mg/kg)	testing	(P/F)
140.				testing(ing/kg)	•	(171)
			(P/F/D)		limit	
		0.1	<u> </u>	11.5	(mg/kg)	D
		Cd	P	N.D.	<100	Р
		Cr	P	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
9	Capacitor	PBBs	D	N.D.	<1000	Р
9	Capacitoi	PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
10	Fuse	PBBs	D	N.D.	<1000	Р
10		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
	Solder tin	Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	P	N.D.	<1000	Р
11		PBBs	D	/	<1000	N.A.
		PBDEs	D	/	<1000	N.A.
		DEHP	D	/	<1000	N.A.
		DBP	D D	1	<1000	N.A.
		BBP DIBP	D D	1	<1000 <1000	N.A. N.A.
		Cd	P	N.D.	<1000	P.A.
		Cr	<u>г</u> Р	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
	Inductance	Pb	<u>'</u> Р	N.D.	<1000	P
		PBBs	D D	N.D.	<1000	P
12		PBDEs	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P



SAMPLE	COMPONENTS	Item	Results of	Results of	Chemical	Conclusion
NO.			EDXRF	testing(mg/kg)	testing	(P/F)
			(P/F/D)	(g/g/	limit	(,
			(17170)		(mg/kg)	
		Cd	P	N.D.	<100	P
			P			P
		Cr	-	N.D.	<1000	
		Hg	Р	N.D.	<1000	Р
		Pb	P	N.D.	<1000	Р
13	Resistor	PBBs	D	N.D.	<1000	Р
10	110010101	PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
4.4	Diode	PBBs	D	N.D.	<1000	Р
14		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
	IC	Pb	Р	N.D.	<1000	Р
15		PBBs	D	N.D.	<1000	Р
		PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	P
16	GU10 Lamp	Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	P D	N.D.	<1000	P N A
		PBBs		<i>I</i>	<1000 <1000	N.A.
	base	PBDEs DEHP	D D	<i>I</i>	<1000	N.A.
		DEHP	D D	<i>I</i>	<1000 <1000	N.A. N.A.
		BBP	D D	/		N.A.
				/	<1000 <1000	
		DIBP	D	/	<1000	N.A.



SAMPLE	COMPONENTS	Item	Results of	Results of	Chemical	Conclusion
NO.			EDXRF	testing(mg/kg)	testing	(P/F)
			(P/F/D)		limit	
					(mg/kg)	
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
47	Other Plastic	PBBs	D	N.D.	<1000	Р
17	accessible	PBDEs	D	N.D.	<1000	Р
		DEHP	D	N.D.	<1000	Р
		DBP	D	N.D.	<1000	Р
		BBP	D	N.D.	<1000	Р
		DIBP	D	N.D.	<1000	Р
		Cd	Р	N.D.	<100	Р
		Cr	Р	N.D.	<1000	Р
		Hg	Р	N.D.	<1000	Р
		Pb	Р	N.D.	<1000	Р
40	Other metal	PBBs	D	/	<1000	N.A.
18	accessible	PBDEs	D	/	<1000	N.A.
		DEHP	D	/	<1000	N.A.
		DBP	D	/	<1000	N.A.
		BBP	D	/	<1000	N.A.
		DIBP	D	/	<1000	N.A.

Note:

- (1) N.D. = Not detected (<MDL)
- (2) ppm = mg/kg
- (3) N.A. = Not Analyzed
- (4) Negative = the concentration of Hexavalent Chromium extracted from 50cm² sample is less than the detection limit.



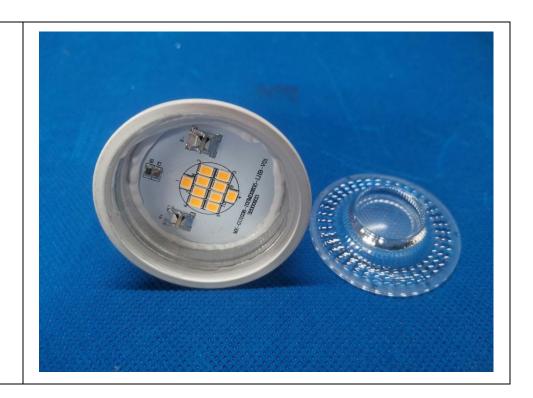
Appendix 1

Report Reference No.: GST.220509.M404R-R1

Photo documentation

Photo 1 View: [√] Front [] Rear [] Right side [] Left side [] Top [] **Bottom** Internal []

Photo 2 View: [] Front [] Rear [] Right side [] Left side Top [] [] **Bottom** [√] Internal





	Report Relefence No.: GS1.220509.M404R-R1
Photo 3	
View:	
[] Front	
[] Rear	
[] Right side	
[] Left side	
[] Top	
[] Bottom	
[√] Internal	

Photo 4	
View:	
[] Front	
[] Rear	
[] Right side	
[] Left side	
[] Top	
[] Bottom	
[√] Internal	

---END---