



RoHS TEST REPORT

For

LINEAR LIGHTS

Model No.: VT-7-40, VT-7-60, VT-7-41, VT-7-42, VT-7-43, VT-7-41-L, VT-7-41-LN, VT-7-41-LW, VT-7-41-T, VT-7-41-X, VT-7-42-L, VT-7-42-LN, VT-7-42-LW, VT-7-42-T, VT-7-42-X, VT-7-61, VT-7-62, VT-7-44

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

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Report Number : GST.190416.A001R-R1

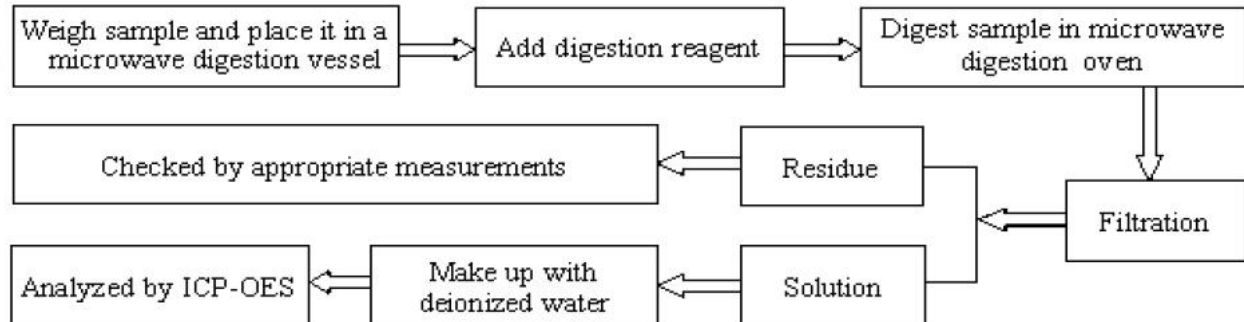
Issued Date : February 04, 2021

Date of Report : February 04, 2021

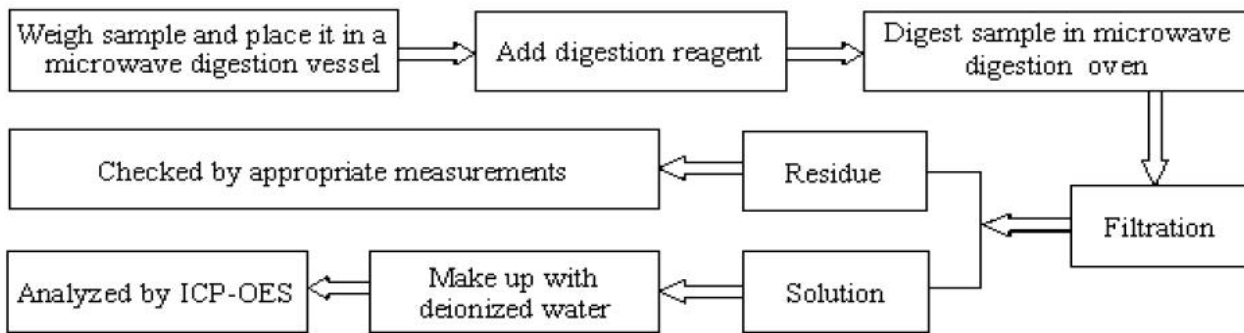
Note:

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 based on report GST.190416.A001R which issued on April 24, 2019. It just added new model VT-7-44.

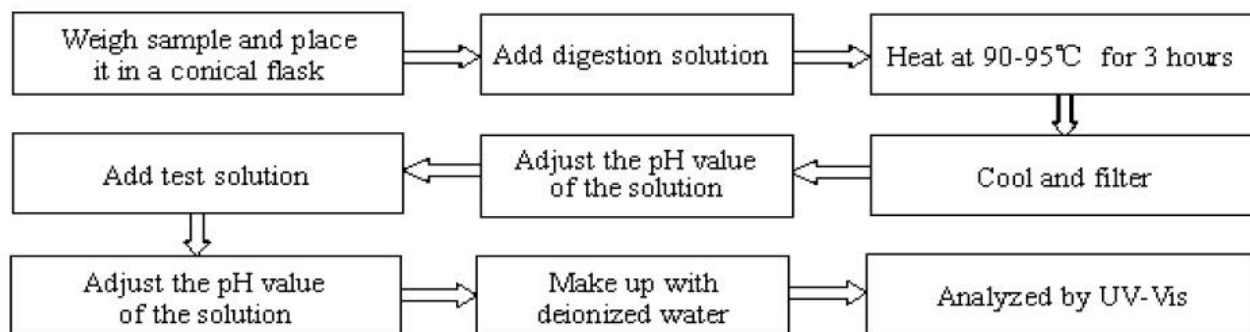
1. Lead(Pb), Cadmium(Cd)



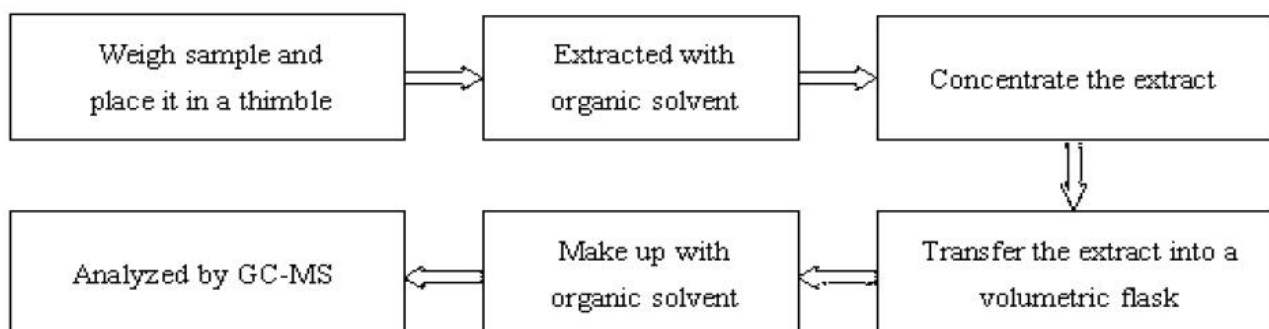
2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))



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



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 (EN)2015/863 of the European Parliament and of the Council of 8 June 2011 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
Engineer
February 01, 2021

Reviewed by



Test Data Summary

| SAMPLE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusion (P/F) |
|------------|-----------------|-------|--------------------------|---------------------------|--------------------------------|------------------|
| 1 | Supply cord | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |
| 2 | Connector | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |
| 3 | Metal enclosure | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | / | <1000 | N.A. |
| | | PBDEs | D | / | <1000 | N.A. |
| | | HBCDD | D | / | <1000 | N.A. |
| | | DEHP | D | / | <1000 | N.A. |
| | | DBP | D | / | <1000 | N.A. |
| | | BBP | D | / | <1000 | N.A. |
| 4 | LED diffuser | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |

| SAMP LE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusio n (P/F) |
|----------------|---------------|-------|--------------------------------|------------------------------|---|-------------------------|
| 5 | Screws | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | / | <1000 | N.A. |
| | | PBDEs | D | / | <1000 | N.A. |
| | | HBCDD | D | / | <1000 | N.A. |
| | | DEHP | D | / | <1000 | N.A. |
| | | DBP | D | / | <1000 | N.A. |
| | | BBP | D | / | <1000 | N.A. |
| 6 | LED PCB | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |
| 7 | LED | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |
| 8 | Internal wire | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| | | BBP | D | N.D. | <1000 | P |

| SAMP LE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusio n (P/F) |
|----------------|-------------------------|-------|--------------------------------|------------------------------|---|-------------------------|
| 9 | Enclosure of LED driver | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | / | <1000 | N.A. |
| | | PBDEs | D | / | <1000 | N.A. |
| | | HBCDD | D | / | <1000 | N.A. |
| | | DEHP | D | / | <1000 | N.A. |
| | | DBP | D | / | <1000 | N.A. |
| BBP | D | / | <1000 | N.A. | | |
| 10 | PCB of LED driver | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |
| 11 | Fuse | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |
| 12 | Capacitors | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |

| SAMP LE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusio n (P/F) |
|----------------|------------|-------|--------------------------------|------------------------------|---|-------------------------|
| 13 | Inductance | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |
| 14 | IC | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |
| 15 | Resistors | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |
| 16 | Diode | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |

| SAMP LE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusio n (P/F) |
|----------------|---------------|-------|--------------------------------|------------------------------|---|-------------------------|
| 17 | Triode | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| 18 | Soldering tin | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | / | <1000 | N.A. |
| | | PBDEs | D | / | <1000 | N.A. |
| | | HBCDD | D | / | <1000 | N.A. |
| | | DEHP | D | / | <1000 | N.A. |
| | | DBP | D | / | <1000 | N.A. |
| 19 | Transformer | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| 20 | Varistor | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |

| SAMP LE NO. | COMPONENTS | Item | Results of EDXRF (P/F/D) | Results of testing(mg/kg) | Chemical testing limit (mg/kg) | Conclusio n (P/F) |
|----------------|------------------------------|-------|--------------------------------|------------------------------|---|-------------------------|
| 22 | Other metal accessories | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | / | <1000 | N.A. |
| | | PBDEs | D | / | <1000 | N.A. |
| | | HBCDD | D | / | <1000 | N.A. |
| | | DEHP | D | / | <1000 | N.A. |
| | | DBP | D | / | <1000 | N.A. |
| BBP | D | / | <1000 | N.A. | | |
| 23 | Other plastic accessories | Cd | P | N.D. | <100 | P |
| | | Cr | P | N.D. | <1000 | P |
| | | Hg | P | N.D. | <1000 | P |
| | | Pb | P | N.D. | <1000 | P |
| | | PBBs | D | N.D. | <1000 | P |
| | | PBDEs | D | N.D. | <1000 | P |
| | | HBCDD | D | N.D. | <1000 | P |
| | | DEHP | D | N.D. | <1000 | P |
| | | DBP | D | N.D. | <1000 | P |
| BBP | D | N.D. | <1000 | P | | |

Note:

(1) N.D. = Not detected (<MDL)

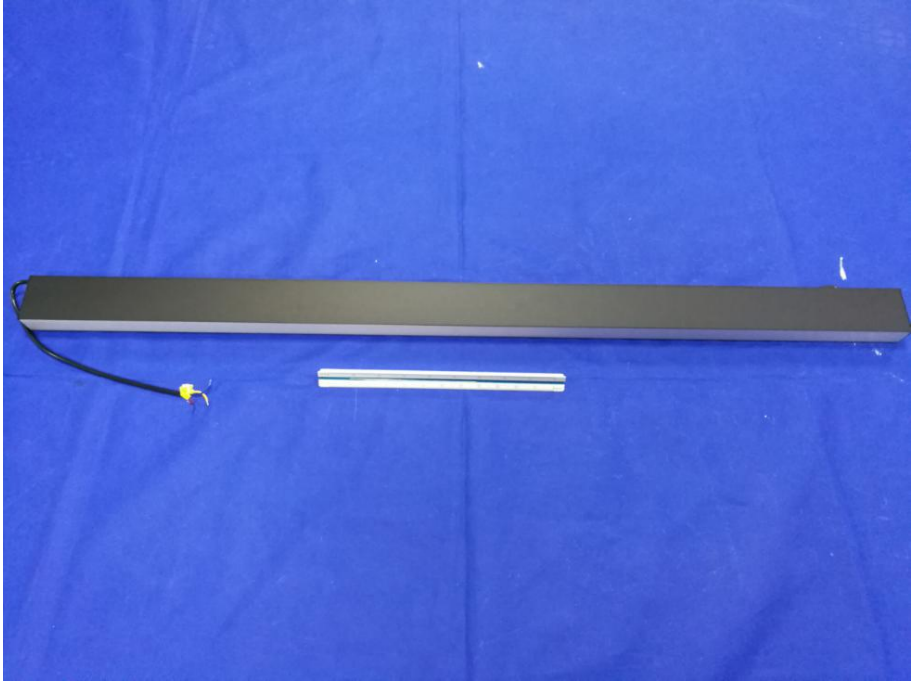
(2) ppm = mg/kg


(3) N.A. = Not Analyzed

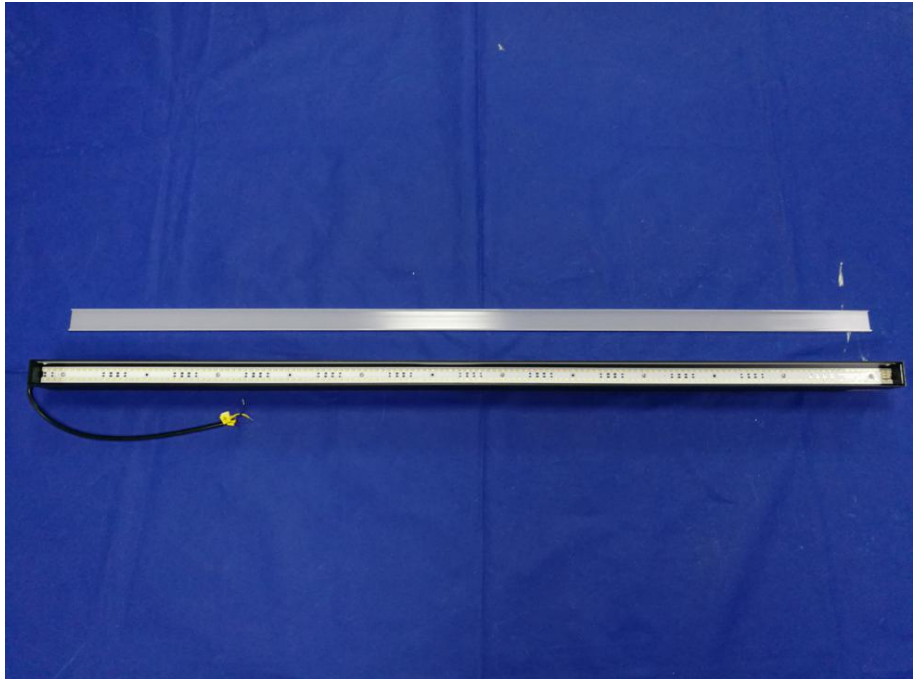
(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm² sample is less than the detection limit.

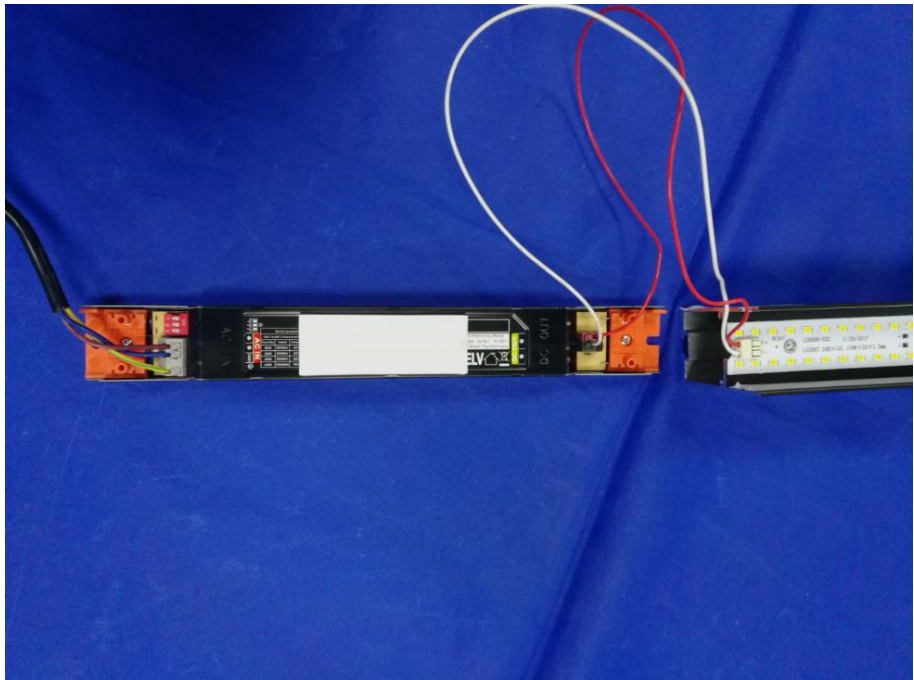
Appendix 1

Photo documentation

| | |
|--|---|
| <p>Photo 1</p> <p>View:</p> <p><input checked="" type="checkbox"/> Front</p> <p><input type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input type="checkbox"/> Internal</p> |  |
|--|---|

| | |
|--|--|
| <p>Photo 2</p> <p>View:</p> <p><input type="checkbox"/> Front</p> <p><input checked="" type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input type="checkbox"/> Internal</p> |  |
|--|--|

| | |
|--|---|
| <p>Photo 3</p> <p>View:</p> <p><input type="checkbox"/> Front</p> <p><input type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input checked="" type="checkbox"/> Internal</p> |  |
|--|---|

| | |
|--|--|
| <p>Photo 4</p> <p>View:</p> <p><input type="checkbox"/> Front</p> <p><input type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input checked="" type="checkbox"/> Internal</p> |  |
|--|--|

| | |
|--|---|
| <p>Photo 5</p> <p>View:</p> <p><input type="checkbox"/> Front</p> <p><input type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input checked="" type="checkbox"/> Internal</p> |  |
|--|---|

--END--