SUPPLEMENTARY EU-Type Examination Certificate





- 1. SUPPLEMENTARY EU-TYPE EXAMINATION CERTIFICATE
- 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
 Directive 2014/34/EU
- 3. Supplementary EU-Type Examination Certificate Number: ITS13ATEX27837X Issue 2

4. Product: Portable Intrinsically Safe LED Flashlight and/or Floodlight

5. Manufacturer: Bayco Products, Inc.

Address: 640 S. Sanden Blvd., Wylie, TX 75098, U.S.A.

- 7. This Supplementary Certificate extends EC-Type Examination Certificate No ITS13ATE27837X, Issue 0 and Issue 1 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.
- 8. Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of the products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Intertek Report 102684888DAL-002 Issue dated 10th October 2016.

9. In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificate referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

Intertek Testing & Certification Limited
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977
www.intertek.com

Vijay K Varma Certification Officer 10th October 2016

Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

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SCHEDULE

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13. Description of the variation to the Equipment or Protective System

Under this project, following models have been added:
XPP-5420GX, XPP-5422GX, XPP-5422GMX
X = All models that use the new LED. Old LED that is still used by all other models is XPEWHT-L10000-00E01, and new LED used by above noted three models is XPGBWT-L1-0000-00L51.

Another update is for XPP-5422GX and XPP-5422GMX models, two fuses F3 and F4 have been removed and resistor R3 has been added in the schematic.Furthermore, R1, R2 and F2 have been updated.

14. Report Number

Intertek Report Ref: 102684888DAL-002 Issue dated 10th October 2016.

15. Conditions of Certification

- (a). Specific Conditions of Safe Use
 - XPP-5420GX model is to be used only with three AA cells in series, types Duracell PC1500 or Energizer EN91.
 - XPP-5422 models are to be used only with three AA cells in series, types Duracell PC1500 or Energizer EN91.
 - See Instructions Manual for warnings.
 - For Model XPP-5522GMX, the capacitance measured on two magnets and side clip exceeds 3pF for Group IIC. Following are values of measured capacitance. The user shall determine the suitability of the equipment in the end application.

Metal Part	Measured Capacitance in pF		
Magnet on Base of Enclosure	4.03		
Magnet on Side of Enclosure	3.1		
Side Clip of Enclosure	4.3		

(b). Conditions of Manufacture

None.



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16, Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) affected by this variation have been identified and assessed in Intertek Report Ref: 102684888DAL-002 - ATEX EHSR Checklist, Dated: 10th October 2016.

17. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Top Level Design File (Total sheets = 1)	5420-22-GENL-MAST-00	Α	07/29/2016
Certification (Total sheets=3)	5420-22-ELEC-MAST-00	Α	07/29/2016
Electrical Master Design File (Total sheets = 39)	5420-22-ELEC-MAST-00	A	07/29/2016
XPP-5420GX Instructions Manual (Total sheets = 5)	INS-XPP5420GX-16	16	-
XPP-5422GX Instructions Manual (Total sheets = 5)	INS-XPP5422GX-16	16	-
XPP-5422GMX Instructions Manual (Total sheets = 5)	INS-XPP5422GMX-16	16	-



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