



1. **EC-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

3. EC-Type Examination Certificate Number: **ITS13ATEX27837X**

4. Equipment or Protective System: **Portable LED Penlight (Model XPP 5420/ Model XPP5422)**

5. Manufacturer: **Bayco Products, Inc.**

6. Address: **640 South Sanden Boulevard, Wylie, TX, 75098, USA**

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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 Ref 100839388DAL-003 dated 23<sup>rd</sup> October 2013.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0:2012; EN 60079-11:2012; EN50303:2000; EN60079-26:2007 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.


12. The marking of the equipment or protective system shall include the following:-

 I M1 Ex ia I Ma

 II 1 G Ex ia IIC T3 Ga Ambient: -20°C to +40°C

**Intertek Testing & Certification Limited**  
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<http://www.intertek.com>

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

  
**V K Varma**  
Certification Officer  
Date: 14<sup>th</sup> January 2014

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification Conditions for Granting Certification.

## SCHEDULE

EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS13ATEX27837X

### 13. Description of Equipment or Protective System

The product covered by this report is a portable LED flashlight and a floodlight in one light. The user can operate either light independent of the other so that the user has the appropriate pattern of light for whatever the task at hand is, or, in dual-light mode, both lights can be turned on simultaneously.

The printed circuit boards and components are mechanically captive by the design of the housing. After properly inserting the three AA alkaline batteries, the assembly is mechanically locked via a cover locking screw.

XPP-5420 model is a single LED flashlight, available in a black (B) or green (G) enclosure; and XPP-5422 model is a dual-light flashlight and floodlight, available in a black (B) or green (G) enclosure.

Ratings: 4.5 V nominal, powered by three AA cells in series, types Duracell PC1500, Energizer EN91, or Energizer Lithium L91 for XPP-5420 model and types Duracell PC1500 or Energizer EN91 for XPP-5422 model.

### 14. Report Number:

Intertek Report 100839388DAL-003 dated 23<sup>rd</sup> October 2013.

### 15. CONDITIONS OF CERTIFICATION:

#### (a). Special Conditions for safe use

- Product XPP-5420 covered under this report to be used only with three AA cells in series, types Duracell PC1500, Energizer EN91 or Energizer Lithium L91.
- Product XPP-5422 covered under this report to be used only with three AA cells in series, types Duracell PC1500 or Energizer EN91.

#### (b). Conditions For Use (Routine Tests)

- None.

### 16. Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek Report 100839388DAL-003 dated 23<sup>rd</sup> October 2013.

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**17. Drawings and Documents**

Title:	Drawing No.:	Rev. Level:	Date:
5420/22 I.S. LED Task Light General Top Level Design File (Total Sheet(s)=1)	5420-22-GENL-MAST-00	E	7 <sup>th</sup> Aug 2013
5420/22 I.S. LED Task Light Certification Master Design File (Total Sheet(s)=5)	5420-22-CERT-MAST-00	E	7 <sup>th</sup> Aug 2013
5420/22 I.S. LEC Task Light Electrical Master Design File (Total Sheet(s)=39)	5420-22-ELEC-MAST-00	E	7 <sup>th</sup> Aug 2013
5420/22 I.S. LED Task Light Mechanical Master File (Total Sheet(s)=7)	5420-22-MECH-MAST-00	E	7 <sup>th</sup> Aug 2013

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