



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx ITS 14.0036X Issue No: 0 Certificate history:  
Issue No. 0 (2015-01-09)

Status: **Current** Page 1 of 3

Date of Issue: **2015-01-09**

Applicant: **Bayco Products Inc**  
640 South Sanden Boulevard  
Wylie  
TX, 75098  
**United States of America**

Electrical Apparatus: **Portable LED Penlight Models XPP-5410 and XPP-5412**  
*Optional accessory:*

Type of Protection: **Ex ia and Ex op is**

Marking:  
IECEX ITS 14.0036X  
Ex ia op is Ma  
Ex ia op is IIC T3 Ga  
-20°C ≤ Ta ≤ 40°C

*Approved for issue on behalf of the IECEx  
Certification Body:*

A T Austin

*Position:*

Certification Officer

*Signature:  
(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Intertek Testing & Certification Limited**  
ITS House, Cleeve Road,  
Leatherhead,  
Surrey, KT22 7SB  
United Kingdom





# IECEX Certificate of Conformity

Certificate No: IECEx ITS 14.0036X Issue No: 0  
Date of Issue: 2015-01-09 Page 2 of 3  
Manufacturer: **Bayco Products Inc**  
640 South Sanden Boulevard  
Wylie  
TX, 75098  
**United States of America**

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-26 : 2006</b> Edition:2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
<b>IEC 60079-28 : 2006-08</b> Edition:1	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[GB/ITS/ExTR14.0041/00](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/01](#)



# IECEx Certificate of Conformity

Certificate No: IECEx ITS 14.0036X

Issue No: 0

Date of Issue: 2015-01-09

Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The product covered by this report is a portable LED penlight. The printed circuit boards and components are mechanically captive by the design of the housing. After properly inserting the alkaline batteries, the assembly is mechanically locked via a cover locking screw.

XPP-5410 model is a shorter model, using two AAA cells in series, and having a boost converter

XPP-5412 is a longer model, using three AAAA cells in series.

XPP-5410: 3.0 V nominal, powered by two AAA cells in series, types Duracell PC2400, MX2400 or MN2400, or Energizer E92 or EN92

XPP-5412: 4.5 V nominal, powered by three AAAA cells in series, types Duracell MX2500 or Energizer E96

### CONDITIONS OF CERTIFICATION: YES as shown below:

(a). Special Conditions for safe use

- XPP 5410 to be used only with 3.0 V nominal, powered by two AAA cells in series, types Duracell PC2400, MX2400 or MN2400, or Energizer E92 or EN92 ; XPP 5412 to be used with 4.5 V nominal, powered by three AAAA cells in series, types Duracell MX2500 or Energizer E96

- See Instruction Manual for Warnings

(b). Conditions For Use (Routine Tests)

- None