



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX UL 16.0167X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2016-12-30)

Status: **Current** Issue No: 1

Date of Issue: 2020-01-31

Applicant: **Bayco Products, Inc.**  
640 S. Sanden Blvd.  
Wylie, TX 75098  
United States of America

Equipment: **Multifunction Flashlight - Nightstick XPP-5462\*X**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: Ex ia IIC T4 Ga  
-20°C to +40°C

Approved for issue on behalf of the IECEx  
Certification Body:

**Katy A. Holdredge**

Position:

**Senior Staff Engineer**

Signature:  
(for printed version)

Date:

2020-01-31

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.
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Certificate issued by:

**UL LLC**  
333 Pfingsten Road  
Northbrook IL 60062-2096  
United States of America





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Manufacturer: **Bayco Products, Inc.**  
640 S. Sanden Blvd.  
Wylie, TX 75098  
**United States of America**

Additional  
manufacturing  
locations:

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 equipment 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

**IEC 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with 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 Reports:

[US/UL/ExTR16.0192/00](#)

[US/UL/ExTR16.0192/01](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/06](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Model Nightstick XPP-5462\*X is a multifunction flashlight that is portable, intended to be used with a headband, containing several LEDs and is powered by three alkaline "AA" size cells part no. E91 or EN91 manufactured by Energizer. The device is provided in either red or green, both with black color bezel, clear lens, black pushbuttons and black battery compartment screw covers.

**Please see Annex for additional information.**

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The Nightstick XPP-5462 contains an accessible metal part with a measured capacitance of 9.9pF. Care must be taken to avoid ignition hazards due to potential electrostatic charging hazard.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Issue 1: Manufacturer submitted documentation for an alternate component.

**Annex:**

[Annex to IECEx UL 16.0167X Issue 1.pdf](#)



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## TYPE DESIGNATION

Model Nomenclature is as follows:

Nightstick XPP-5462\*X

\* – R for red enclosure material or G for green enclosure material

## PARAMETERS RELATING TO THE SAFETY

4.5V (Three series connected alkaline cells.)

## MARKING

Marking has to be readable and indelible; it has to include the following indications:



**LISTED**

E 467756

INTRINSICALLY SAFE

SECURITE INTRINSEQUE



0359

**Bayco Products, Inc.**  
**Wylie, TX 75098**

**XPP-5462**

Ex ia FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

CLASS I DIV 1 GRPS A-D T4

CLASS II & III DIV 1 GRPS E-G

CLASS I ZONE 0 GRP IIC T4

CLASS II ZONE 20 IIIC T135°C

Ⓜ II 1 G Ex ia IIC T4 Ga

Ex ia IIC T4 Ga

DEMKO 16 ATEX 1814X

IECEx UL 16.0167X

-20°C ≤ Tamb ≤ +40°C

1.5V/Cell / E91 or EN91



SEE INSTRUCTION MANUAL  
VOIR MANUEL

MFG MM-YY