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IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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| | Download : Certificate  Annexes  |
| Certificate No.: | IECEX ETL 13.0045X issue No.: 2 |
| Status: | Current |
| Date of Issue: | 2015-12-02 Page 1 of 4 |
| <i>Applicant:</i> | Bayco Products, Inc. 640 South Sanden Boulevard Wylie, TX 75098 United States of America |
| Equipment: <i>Optional accessory:</i> | Portable LED Intrinsically Safe Headlamp |
| Type of Protection: | Intrinsic Safety - 'ia' |
| Marking: | Ex ia IIC T3 Ga Tamb: -20°C to +40°C IECEX ETL 13.0045X |
| <i>Approved for issue on behalf of the IECEX Certification Body:</i> | Donald Card |
| <i>Position:</i> | Certification Officer |

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.

Certificate issued by:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America



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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:

| | |
|--|---|
| IEC 60079-0 : 2011 Edition: 6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-11 : 2011 Edition: 6.0 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-26 : 2006 Edition: 2 | Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga |

*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:

[US/ETL/ExTR14.0019/00](#)

[US/ETL/ExTR14.0019/01](#)

[US/ETL/ExTR14.0019/02](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The product covered by this report is a portable LED flashlight headlamp. It consists of a flashlight and a floodlight. 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. Both lights cannot be turned on simultaneously. The Nightstick headlamp is powered by three AAA alkaline batteries, types Energizer E92 and EN92, of 1.5V each. Batteries are connected in series and are the only source of power to the headlamp. The headlamp assembly is tool secured via locking screw on the battery compartment cover. Model XPP 5454 GC has metal clip fitted to rear of enclosure.

See Annex 1 for Manufacturer's Documentation

SPECIFIC CONDITIONS OF USE: YES as shown below:

XPP-5454 and XPP 5454 GC to be used only with three AAA batteries in series, types Energizer E92 or EN92

See Instruction Manual for Warnings and approved batteries

For XPP 5454 GC; the capacitance measured on clip on back side of enclosure, being 3.8pF; exceeds limit of 3pF for Group IIC. The user shall determine the suitability of the equipment in the end application



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

Details of change for Issue No 1: Addition of XPP 5454 GC. There is no change in electrical circuit or batteries used on XPP 5454 GC. Special condition of use is added for exceeded capacitance on accessible metal part. Removed alternate site/ additional manufacturing location-VIGEX INTERNATIONAL LTD

Details of change for Issue No 2: To update IECEx certificate with Rev H schedule drawings dated 23rd Oct 2015 that includes correct gasket manufacturer name.