



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: **ITS13ATEX27928X**
4. Equipment or Protective System: **XPP-5454 Portable LED Flashlight Headlamp**
5. Manufacturer: **Bayco Products, Inc.**
6. Address: **640 S. Sanden Blvd., 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 101257224DAL-001 Issue dated 16th April 2014.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0:2012, EN 60079-11:2012 and EN 60079-26:2007 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:-

II 1 G Ex ia IIC T3 Ga

-20°C ≤ Ta ≤ 40°C

A M Smart
Certification Officer
22th April 2014

Intertek Testing & Certification Limited
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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 Equipment or Protective System

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 of 1.5V each. Batteries are connected in series and are the only source of power to the headlamp. The headlamp assembly is mechanically locked via a cover locking screw.

14. Report Number

Intertek Report Ref: 101257224DAL-001, Dated: April 16, 2014.

15. Conditions of Certification

(a). Special Conditions for safe use

- XPP-5454 to be used only with three AAA batteries in series, types Energizer E92 or EN92
- See Instruction Manual for Warnings and approved batteries

(b). Conditions of Manufacture

None

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

The relevant EHSR's have been identified and assessed in Intertek Report No. 101257224DAL-001E, Issue: 01, Dated: April 16, 2014.

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17. Drawings and Documents

Title	Drawing No.:	Rev. Level:	Date:
Top Level Design File	5454-GENL-DWG1-00	E	14-Jan-2014
Certification Master Design File	5454-CERT-DWG1-01	E	14-Jan-2014
Certification US/CA Certification Marking Layout	5454-CERT-DWG1-02	E	14-Jan-2014
Electrical Master Design File	5454-ELEC-DWG1-01	E	14-Jan-2014
Electrical Top Level Elec Schematic	5454-ELEC-DWG1-02	E	14-Jan-2014
Electrical Switch Elec Schematic	5454-ELEC-DWG1-03	E	14-Jan-2014
Electrical Spot Elec Schematic	5454-ELEC-DWG1-04	E	14-Jan-2014
Electrical Flood Elec Schematic	5454-ELEC-DWG1-05	E	14-Jan-2014
Electrical Bill of Materials	5454-ELEC-DWG1-06	E	14-Jan-2014
Electrical Switch PCB Layout	5454-ELEC-DWG1-07	E	14-Jan-2014
Electrical Spot PCB Layout	5454-ELEC-DWG1-08	E	14-Jan-2014
Electrical Flood PCB Layout	5454-ELEC-DWG1-09	E	14-Jan-2014
Electrical Flood Top/Bottom Metal	5454-ELEC-DWG1-10	E	14-Jan-2014
Electrical Main Top/Bottom Metal	5454-ELEC-DWG1-11	E	14-Jan-2014
Electrical Switch Top/Bottom Metal	5454-ELEC-DWG1-12	E	14-Jan-2014
Mechanical Master Design File	5454-MECH-DWG1-01	E	14-Jan-2014
Mechanical General Assembly – Exploded View	5454-MECH-DWG1-02	E	14-Jan-2014
Mechanical General Assembly – Layout	5454-MECH-DWG1-03	E	14-Jan-2014
Mechanical Sections	5454-MECH-DWG1-04	E	14-Jan-2014
Mechanical Potting Dam Detail - Fuse	5454-MECH-DWG1-05	E	14-Jan-2014
Mechanical Potting Dam Detail - Resistor	5454-MECH-DWG1-06	E	14-Jan-2014

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