

# EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)

2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS18ATEX202366X R.1**

4. **Product:** Portable Intrinsically Safe LED Dual-light Flashlight (XPP-5414GX)

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

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

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the 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 system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104092972DAL-009.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018, EN 60079-11:2012 and EN 60079-28:2015 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 product is subject to Special Conditions for Safe Use specified in the schedule to this certificate.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
12. The marking of the product shall include the following:



II 1 G  
Ex ia op is IIC T3 Ga  
-20°C ≤ Ta ≤ +40°C

05 July 2022

Certificate issue date



**Todd L. Relyea**  
Certification Officer  
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

**Intertek Italia S.p.A.** Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy

LFT-EMEA-IT-ATEX-OP-23a (8 March 2022)



## SCHEDULE

EU TYPE EXAMINATION CERTIFICATE NUMBER: ITS18ATEX202366X R.1

### 13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The product is a portable intrinsically safe Dual-Light flashlight, consisting 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 the intended use. Both lights can also be turned on simultaneously in a dual-light mode. The flashlight is powered by two AA Alkaline Cells.

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

### 14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
*5414/72 IS MULTI-FUNCTION ANGLE LIGHT CERTIFICATION NORTH AMERICA CERTIFICATION MARK	5414-CERT-DWG1-03	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL TOP LEVEL SCHEMATIC	5414-ELEC-DWG1-02	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL PCB LAYOUT FILES	5414-ELEC-DWG1-07	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL ENCAPSULATE	5414-ELEC-DWG1-08	B	10/01/19
*5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL FUSE ENCAPSULATION	5414-ELEC-DWG1-09	B	10/01/19
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL GENERAL ASSEMBLY, LIGHT	5414-MECH-DWG1-02	B	08/10/17
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL GENERAL LAYOUT, LIGHT	5414-MECH-DWG1-03	B	08/10/17
5414 IS IS NON-RECHARGEABLE 2 AA MECHANICAL SPECIFICATION	5414-MECH-DWG1-04	B	08/10/17
Instruction Manual XPP-5414GX/RX	INS-XPP-5414GX/RX-18	-	01/17/18
*XPP-5414G	XPP-5414-DWG1-01 MARKING	A	07/15/2021

*Note: An \* is included before the title of documents that are new or revised.*

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

### 15. SPECIAL CONDITIONS FOR SAFE USE

- XPP-5414GX is to be used only with two AA cells in series, types Energizer E91, or Energizer EN91.
- See Instructions Manual for warnings.



## SCHEDULE

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### 16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 104092972DAL-009 dated December 06, 2021.

### 17. ROUTINE (FACTORY) TESTS

- None

### 18. DETAIL OF CERTIFICATE CHANGES

#### **R.0:**

Transfer to Italy, no changes.

#### **R.1:**

- Alternate LED model GW PUSRA1.PM-N4N6-XX51-1-700-R18 (could be N3N5 instead of N4N6 as the difference is in the Luminous Flux) has been added.
- XPP-5414RX model has been removed.
- Standard EN 60079-0:2012 has been updated to EN 60079-0:2018.