



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

Certificate No.: IECEx ITS 18.0005X Issue No: 0 Certificate history:
Issue No. 0 (2018-01-24)

Status: **Current**

Date of Issue: **2018-01-24** Page 1 of 3

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

Equipment: **Portable Intrinsically Safe LED Dual-light Flashlight**
Optional accessory:

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

Marking:
Ex ia op is IIC T3 Ga
-20°C ≤ Ta ≤ +40°C
IECEX ITS 18.0005X

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

P Moss

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](#).

Certificate issued by:

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





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Manufacturer: **Bayco Products, Inc.**
640 S. Sanden Blvd., Wylie, TX 75098, U.S.A.
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 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
IEC 60079-28 : 2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

*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/ExTR18.0004/00](#)

Quality Assessment Report:

[GB/ITS/QAR13.0005/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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. Model differences:

XPP-5414GX – Green enclosure color
XPP-5414RX – Red enclosure color

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. XPP-5414GX and XPP-5414RX models are to be used only with two AA cells in series, types Energizer E91, or Energizer EN91.
2. See Instructions Manual for warnings.

Annex:

[SFT-IECEX-OP-19f Annex for IECEX Certificate of Conformity.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ITS 18.0005X	Issue No. 0
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
5414/72 IS MULTI-FUNCTION ANGLE LIGHT CERTIFICATION NORTH AMERICA CERTIFICATION MARK	5414-CERT-DWG1-03	A	01/30/17
5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL TOP LEVEL SCHEMATIC	5414-ELEC-DWG1-02	A	01/30/17
5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL PCB LAYOUT FILES	5414-ELEC-DWG1-07	A	01/30/17
5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL ENCAPSULATE	5414-ELEC-DWG1-08	A	01/30/17
5414 IS MULTI-FUNCTION ANGLE LIGHT ELECTRICAL FUSE ENCAPSULATION	5414-ELEC-DWG1-09	A	01/30/17
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 SPECIFICATIONS	5414-MECH-DWG1-04	B	08/10/17
Instruction Manual XPP-5414GX/RX	INS-XPP-5414GX/RX-18	-	01/17/18