



# 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.:    | <b>IECEx ITS 17.0018X</b>                                                                                       | Page 1 of 4 | <u>Certificate history:</u>                                                  |
| Status:             | <b>Current</b>                                                                                                  | Issue No: 2 | <a href="#">Issue 1 (2019-01-31)</a><br><a href="#">Issue 0 (2017-06-27)</a> |
| Date of Issue:      | 2024-06-06                                                                                                      |             |                                                                              |
| Applicant:          | <b>Pelican Products Inc</b><br>23215 Early Ave.<br>Torrance, CA 90505<br><b>United States of America</b>        |             |                                                                              |
| Equipment:          | <b>Intrinsically Safe Flashlight model 3415, 3415M</b>                                                          |             |                                                                              |
| Optional accessory: |                                                                                                                 |             |                                                                              |
| Type of Protection: | <b>Intrinsic Safety "ia", Optical Radiation "op is"</b>                                                         |             |                                                                              |
| Marking:            | <b>Marking pertaining to 3415 and 3415M</b><br><br>Ex ia op is IIC T4 Ga<br><br>-20°C ≤ Tamb ≤ 40°C<br><br>IP54 |             |                                                                              |

Approved for issue on behalf of the IECEx  
Certification Body:

**R J Tunncliffe**

Position:

**Certification Officer**

Signature:  
(for printed version)

Date:  
(for printed version)

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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

**intertek**



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Manufacturer: **Pelican Products Inc**  
23215 Early Ave.  
Torrance, CA 90505  
**United States of America**

Manufacturing  
locations: **Pelican Products Inc**  
23215 Early Ave.  
Torrance, CA 90505  
**United States of America**

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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**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 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:

**GB/ITS/ExTR23.0029/00**

**US/ETL/ExTR17.0045/00**

**US/ETL/ExTR17.0045/01**

Quality Assessment Report:

**GB/FME/QAR08.0002/14**



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The equipment is an intrinsically safe flashlight powered by three AA alkaline or NiMH cells connected in series. The equipment is housed in a non-metallic enclosure with a clear non-metallic lens. Model 3415M variant includes a magnetic clip. The following battery cells may be used in the device:

- Energizer E91
- Philips LR6
- Panasonic LR6
- PELI P-NiMH-AA

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

- Only Panasonic LR6, Philips LR6, Energizer E91 and Peli P-NiMH-AA battery cells are permitted to be used in the equipment. The cells must be of the same manufacturer.
- Do not replace battery cells when an explosive atmosphere is present. Battery cells must be replaced with the correct polarity.



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

### Issue 01

1. Addition of new enclosure material Lexan EXL 9330.
2. Addition of alternate indicator LED LED1 and MCU U2.
3. Addition of NiMH cells to battery list.
4. Minor modification of enclosure to add a key ring.

### Issue 02

- Addition of new 3415TD board as an optional mainboard within the flashlight. Board completely replaces previous revision.
- Update to latest iteration of IEC 60079-0.
- Creation of new ExTR reference such that the ExTR matches the issuing IECEx ExCB. A copy of all supporting data is held in the electronic project folder

## Annex:

[Annex for IECEx Certificate of Conformity -IECEx ITS 17.0018X Issue 2.pdf](#)



## Annex to IECEx Certificate of Conformity

|                 |                    |             |
|-----------------|--------------------|-------------|
| Certificate No: | IECEX ITS 17.0018X | Issue No. 2 |
| Annex No. 1     |                    |             |

| Technical Documents                    |                    |             |            |
|----------------------------------------|--------------------|-------------|------------|
| Title:                                 | Drawing No.:       | Rev. Level: | Date:      |
| *3415, PELICAN LIGHT W/ PLASTIC CLIP   | 034150-6000-000    | H           | 03/05/2024 |
| *3415, PELICAN LIGHT W/ MAGNET CLIP    | 034150-6000-001    | H           | 03/06/2024 |
| PELICAN, 3415 LOGO & APPROVAL          | 3415-001           | B           | 12/10/2018 |
| PELICAN, 3415M LOGO & APPROVAL         | 3415-001-M         | B           | 12/10/2018 |
| 3415, PELICAN BODY                     | 034150-6000-000-01 | C           | 08/02/2018 |
| 3415, PELICAN SWITCH COVER             | 034150-6000-000-02 | B           | 08/02/2018 |
| 3415, PELICAN FRONT HEAD LENS OVERMOLD | 034150-6000-000-08 | B           | 08/02/2018 |
| 3415, LED HOUSING                      | 034150-6000-000-09 | A           | 11/28/2016 |
| 3415, MAIN REFLECTOR                   | 034150-6000-000-12 | A           | 11/28/2016 |
| 3415, SMALL LED+MCPCB ASSEMBLY         | 034150-6000-000-15 | A           | 11/23/2016 |
| 3415, MAIN LED+MCPCB ASSEMBLY          | 034150-6000-000-16 | A           | 11/23/2016 |
| 3415, FRONT HEAD GASKET                | 034150-6000-000-17 | A           | 11/28/2016 |
| 3415, POSITIVE CONTACT PLATE           | 034150-6000-000-44 | A           | 01/11/2017 |
| 3415, NEGATIVE CONTACT PLATE           | 034150-6000-000-47 | A           | 01/11/2017 |
| 3415, TAIL CAP                         | 034150-6000-000-03 | B           | 08/02/2018 |
| *3415R, SWITCH BOOT                    | 034150-6000-000-29 | B           | 07/31/2020 |
| 3415, PELICAN HEAD HOUSING             | 03415R-6000-000-21 | C           | 08/02/2018 |
| 3415, PELICAN HEAD SIDE COVER          | 034150-6000-000-20 | B           | 08/02/2018 |
| 3415, PCB TRAY                         | 034150-6000-000-43 | A           | 11/23/2016 |
| 3415, PELICAN PLASTIC CLIP             | 034150-6000-000-40 | B           | 08/02/2018 |
| 3415, PELICAN MAGNET CLIP ASSEMBLY     | 034150-6000-001-39 | B           | 08/02/2018 |
| SCREW, M 3.5 PAN HEAD                  | 034150-6000-000-19 | A           | 04/10/2017 |
| 3415, CLIP PIN                         | 034150-6000-000-37 | A           | 04/10/2017 |
| *3415, CLIP SPRING                     | 034150-6000-000-38 | B           | 09/11/2023 |
| *3415 TD, LED DRIVER BOARD             | 3415TD             | B           | 02/29/2024 |
| *3415 VENT MEMBRANE                    | 34150-6000-000-51  | A           | 12/21/2022 |
| KEY RING                               | 034150-6000-000-49 | A           | 11/10/2017 |
| *Instruction Manual                    | 003415-0311-003    | B           | AU/23      |

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