



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

Certificate No.: **IECEX ITS 17.0034X**

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Certificate history:

Status: **Current**

Issue No: 4

[Issue 3 \(2023-07-28\)](#)

[Issue 2 \(2019-06-07\)](#)

[Issue 1 \(2018-08-20\)](#)

[Issue 0 \(2017-12-15\)](#)

Date of Issue: 2024-10-15

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

Equipment: **Intrinsically Safe Flashlight model 3345**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia", Optical Radiation "op is"**

Marking: IECEx ITS 17.0034X

Ex ia op is IIC T4 Ga

-20°C ≤ Tamb ≤ 40°C

IP54

Approved for issue on behalf of the IECEx
Certification Body:

Mark Newman

Position:

Certificate 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 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 Report:

[GB/ITS/ExTR23.0017/01](#)

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 series connected AA alkaline/NiMH cells. The equipment is housed in a non-metallic enclosure with a clear non-metallic lens. The following battery cells may be used in the device:

- Energizer E91
- Philips LR6
- Panasonic LR6
- Peli/Pelican P-NiMH-AA
- Duracell MN1500 – Zn-MnO₂-AA

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Only Panasonic LR6, Philips LR6, Energizer E91, Peli/Pelican P-NiMH-AA, or Duracell AA4 1.5V MN1500 battery cells are permitted to be used in the equipment. The cells must be of the same manufacturer.
- Do not open the battery compartment or 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:

- Mechanical drawings corrected to show actual manufacturing dimensions and tolerances.
- Side switch removed and PCBAs updated to reflect switch removal.
- Added Peli/Pelican P-NiMH-AA as a battery cell option.
- Added black enclosure color option.

Issue 02:

- Change in capacitor C8 value on main PCB.

Issue 03:

- Added Duracell MN1500 as battery cell option.
- Standard update from IEC 60079-0 Edition 5(2007-10) to IEC 60079-0 Edition 7(2017).
- The following ExTRs were unlinked from the Certificate per request of the CB. A copy of each is held within the electronic project folder of G105241831. The ExTR and free reference numbers are detailed below:

1. US/ETL/ExTR17.0057/00 - 102955644DAL-004
2. US/ETL/ExTR17.0057/01 - 103569246DAL-002
3. US/ETL/ExTR17.0057/02 - 103944364DAL-002

Issue 04:

- Combined the schedule drawings into a single document package
 - Revised Main board with updated components, layout and electrical bill of materials.
- Administrative revision of instruction manual
- Administrative revision of marking label

Annex:

[G105590746 - Annex for IECEx Certificate of Conformity.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ITS 17.0034X	Issue No. 4
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date: (MM/DD/YYYY)
*Instruction Manual	003345-3110-002	B	0C/2024
*FLASHLIGHT BODY, 3345	3345-001	D	04/24/2024
*3345 PELICAN APPROVAL PACKAGE	033450-6000-000-AP	A	09/04/2024

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

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Total Quality. Assured.

Intertek Testing and Certification Ltd
Intertek House Cleeve Rd,
Leatherhead, Surrey, KT22 7SA, UK

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IECEX Certified Components on Which Conformance Depends					
Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
1	None	--	--	--	--

Required Manufacturer Routine Testing		
Test	Title/Description of Test	Standard and Clause
1	None	--

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