



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 17.0034X

Issue No: 1

Certificate history:

Issue No. 1 (2018-08-20)

Issue No. 0 (2017-12-15)

Status: **Current**

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Date of Issue: **2018-08-20**

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:*

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 7SA
United Kingdom



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Manufacturer: **Pelican Products Inc**
23215 Early Ave.
Torrance, CA 90505
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 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 : 2007-10 Explosive atmospheres - Part 0:Equipment - General requirements
Edition:5

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/ExTR17.0057/00](#) [US/ETL/ExTR17.0057/01](#)

Quality Assessment Report:

[GB/FME/QAR08.0002/11](#)



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Schedule

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Only Panasonic LR6, Philips LR6, Energizer E91, or Peli/Pelican P-NiMH-AA 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):

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

Annex:

[103569246DAL-002 CoC Annex.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEx ITS 17.0034X	Issue No. 1
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*FLASHLIGHT BODY, 3345	3345-001	B	06/12/2018
*FLASHLIGHT ASSY, 3345	033450-0100-CLR	C	07/02/2018
*PIN, BELT CLIP, 3345	033450-0100-MC102	B	01/15/2018
*LENS, PC, 3345	033450-0100-MC201	B	09/05/2017
*HEAT SINK, 3345	033450-0100-MC301	B	09/05/2017
*SPRING, BELT CLIP, 3345	033450-0100-MC502	B	12/19/2017
*SHROUD, 3345	033450-0100-P01	C	07/02/2018
*FLASHLIGHT BODY, 3345	033450-0100-P06	C	07/02/2018
*BELT CLIP, 3345	033450-0100-P16	C	07/02/2018
*MAIN LED MCPCB, 3345	033450-0100-PCAS01	B	09/05/2017
*SIDE PCBA, 3345	033450-0100-PCAS02	B	12/01/2017
*MAIN PCBA, 3345	033450-0100-PCFD01	C	03/13/2018
SWITCH BOOT, 3345	033450-0100-R02	A	04/07/2017
*Instruction Manual	003345-3110-000	B	MY/2018

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