



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 TRC 13.0007X

Issue No: 1

Certificate history:

Status: **Current**

[Issue No. 1 \(2017-11-23\)](#)

[Issue No. 0 \(2013-10-14\)](#)

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Date of Issue: **2017-11-23**

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

Equipment: **LED Flashlight, 3315**

Optional accessory:

Type of Protection: **Intrinsically Safe, Optical Radiation**

Marking:

Ex ia op is IIC T4 Ga

Ex ia op is IIIC T130 °C Da

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

Stephen Winsor

Position:

Certification Manager

*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:

Element Materials Technology
Unit 1 Pendle Place
Skelmersdale
West Lancashire
WN8 9PN





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

Additional Manufacturing location(s):

Critical Supplier Ref: 3044972 – refer QAR GB/FME/QAR08.0002

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 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition:2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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:

[GB/TRC/ExTR13.0007/00](#)

[GB/TRC/ExTR13.0007/01](#)

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 Pelican 3315 hand torch is a hand held lighting device. It is battery operated by 3 x 1.5Vdc alkaline AA cells housed within a battery compartment. There is an internal electronic PCB with a switch and a LED that provides the light output. The main enclosure including the battery compartment is made from a coloured non-metallic material with a clear non-metallic lens.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Only Duracell type MN1500, Panasonic type AM-3PA/4B and Sanyo type SEC-AC4AA battery cells are permitted to be used in the equipment.
2. 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):

- Ex 'op is' protection concept applied for the optical radiation from the LED (IEC 60079-28)
- LED component changed.
- New enclosure colour added (orange) and alternate material added for tail cap lock
- Lens assembly replaced with single part version
- Removable belt clip added
- Marking plate updated to include Ex 'op is'.

Annex:

[Annex to IECEx TRC 13.0007x iss1.pdf](#)



Element Materials Technology,
Unit 1, Pendle Place,
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United Kingdom

Annex to IECEx Certificate of Conformity

IECEx TRC 13.0007X issue No.:1

Technical Documents

Title:	Drawing No.:	Rev. Level:	Date:
3315 Light Assembly	033150-6000-000	G	2017-09-08
Body	033150-0000-000-01	F	2017-09-08
Switch Boot Holder	033150-0000-000-02	A	2013-03-01
Tail Cap	033150-0000-000-03	F	2017-09-08
Tail Cap Top Cover	033150-0000-000-04	A	2013-03-01
Lens	033150-0000-000-06	C	2015-04-25
PCB Tray	033150-0000-000-07	A	2013-03-01
PUV Valve Cover	033150-0000-000-08	A	2013-03-01
PUV Valve	033150-0000-000-09	A	2013-03-01
PCBA (3 pages)	033150-0000-000-10	B	2016-05-23
Negative Polarity Contact	033150-0000-000-11	A	2013-03-01
Positive Polarity Contact	033150-0000-000-13	A	2013-03-01
LED+MCPCB Assembly	033150-0000-000-18	B	2015-09-14
O ring, Lens	033150-0000-000-21	A	2013-03-01
Tail Cap Contact Spring	033150-0000-000-24	A	2013-03-01
Tail Cap Negative Polarity Contact	033150-0000-000-26	A	2013-03-01
O ring, Tail Cap	033150-0000-000-28	A	2013-03-01
Switch Boot	033150-0000-000-29	A	2013-03-01
Tail Cap 90deg Turn Lock	033150-0000-000-32	B	2017-10-17
Pelican 3315 Logo & Approval	3315-003	A	2017-09-08
3315 (instructions - 2 sheets)	003315-0311-002	A	2017-09
3315 Body Clip	033150-0000-000-37	B	2017-09-26