



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 EXV 21.0088X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2022-11-15)
Date of Issue:	2023-03-16		
Applicant:	PELICAN PRODUCTS INC 23215 EARLY AVE., TORRANCE, CA 90505 United States of America		
Equipment:	Intrinsically safe flashlight Sabrelite 2010i LED & Sabrelite 2010Z0		
Optional accessory:			
Type of Protection:	Intrinsically safe		
Marking:	Ex ia IIC T4 Ga Ex ia IIIC T ₂₀₀ 119°C Da Ta = -20°C to +40°C		

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc FIET

Position:

Certification Manager

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:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





IECEx Certificate of Conformity

Certificate No.: **IECEx EXV 21.0088X**

Page 2 of 4

Date of issue: 2023-03-16

Issue No: 1

Manufacturer: **PELICAN PRODUCTS INC**
23215 EARLY AVE., TORRANCE, CA 90505
United States of America

Manufacturing
locations:

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

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/EXV/ExTR21.0111/00](#)

[GB/EXV/ExTR23.0023/00](#)

Quality Assessment Reports:

[GB/FME/QAR08.0002/13](#)

[GB/FME/QAR08.0002/14](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx EXV 21.0088X**

Page 3 of 4

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Refer to Annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment must only be fitted with: Energizer E93, Duracell MN1400, Panasonic LR14, alkaline "C" size cells.
- Old and new cells must not be mixed. Different brands must not be mixed. Cells must only be replaced in a non-hazardous area.
- The equipment must be inspected for physical damage to the enclosure and O-ring seal before entering a hazardous area where it will be exposed to dust.



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Certificate No.: **IECEx EXV 21.0088X**

Page 4 of 4

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

This variation covers the introduction a new Circuit Board Assembly (2013-359-000-025 Rev. A), the current approved board per drawing 2013-359-000-014 Rev. B remains valid.

Annex:

[IECEx Certificate Annex_1.pdf](#)

Description continued:

The 'Sabrelite' flashlight is a hand-held device used for illuminating dimly lit areas. It is designed to be used in explosive gas and dust atmospheres which are continuously present and therefore intended for use in areas classified as in IECEx Zone 0, and IECEx Zone 20. The flashlight is powered by three Alkaline C Cells connected in series and a single high power LED provides the light source.

Routine tests:

1. None.

Manufacturer's documents:

Description	Drawing number	Revision	Date
2010i, PELICAN IECEx LIGHT ASSEMBLY (*)	2010-014-CLRI	B	2023/01/06
LED MODULE, 2014C (*)	2013-359-000	G	2022/10/20
HEAT SINK, 2010/2410 MODULE	2013-359-000-02	A	2009/04/21
DRIVER BOARD, 2010 LED MODULE (*)	2013-359-000-04	D	2022/10/20
(ORIGINAL DRIVER) CIRCUIT BOARD ASSY	2013-359-000-014	C	2022/10/24
(LED) CIRCUIT BOARD	2013-359-000-014-01	A	2022/10/24
(ALTERNATIVE DRIVER) CIRCUIT BOARD (*)	2013-359-000-025	A	2022/10/20
(ALTERNATIVE LED) CIRCUIT BOARD	2013-359-000-025-01	A	2023/02/23
ANTI-STATIC SABRE CLIP	2002-945-CLR	A	2014-11-07
O-RING, SUPER SABRELITE	2003-321-000	C	2011-11-08
SPRING CLIP, SUPER SABRELITE	2003-341-000	I	2002-07-09
PLASTIC INSULATOR	2006-332-000-01	A	2011-10-17
2000 Z1 BATTERY TRAY ASSEMBLY	2006-981-170E	PR	2009-03-19
MCPCB W/LED, 2010/2410	2013-359-001	B	2015-11-30
2010 ANTI-STATIC LENS	2013-921-100	A	2014-11-07
2010 ANTI-STATIC SHROUD	2013-947-CLR	B	2022-10-25
APPROVAL INSERT 2010 SABRELITE LED	2010-003I	C	2022-10-31
2010I, IECEx PELICAN LIGHT BODY	2012-947-CLRI	A	2020-06-08

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