



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 10.0019X** issue No.:1

Status: **Current**

Date of Issue: **2011-10-13** Page 1 of 4

Applicant: **Pelican Products Inc.**
23215 EARLY AVE, TORRANCE, CA 90505,
United States of America

Electrical Apparatus: **Pelican 2610 LED**
Optional accessory:

Type of Protection: **Intrinsic safety ia**

Marking: **IECEX ITS 10.0019X**
Ex ia IIC T4 Ga

Approved for issue on behalf of the IECEX Certification Body: **P Moss**

Position: **Certification Officer**

Signature:
(for printed version)


13th OCT 2011

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 7SB
United Kingdom



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

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 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 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-11 : 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 5

IEC 60079-26 : 2006 Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
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:
GB/ITS/ExTR11.0033/00

Quality Assessment Report:

GB/FME/QAR08.0002/04



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The equipment is an LED Headlamp type 2610 LED. The enclosure body and lens are constructed using polycarbonate materials, and the flexible rear cover and switch button are constructed from thermoplastic rubber. It is powered by three 1.5V Alkaline AAA cells and the light source is three LEDs (Light Emitting Diodes). It is designed for use in Zone 1, IIB. The protection concept is Intrinsic safety, ia. Only the following 1.5V AAA alkaline batteries are permitted to be fitted

- Energizer Max AAA
- Duracell Coppertop AAA
- Panasonic Plus AAA
- Philips Powerlife AAA
- Sanyo Powercell AAA
- Varta High energy AAA

CONDITIONS OF CERTIFICATION: YES as shown below:

The following warnings are marked on the equipment:
Do not open in hazardous area.
Do not mix cells from other manufacturers.
Replace all cells at the same time.



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

Issue 1 certificate permits:

- PCB and component changes in accordance with schedule drawings.
- Marking for Gas Group IIC
- Marking with EPL Ga

Equipment coding is changed to:

Ex ia IIC T4 Ga

IECEX Technical Report: GB/ITS/ExTR11.0033/00 details

ExTR :	
ExTR Reference Number *: (automatic numbering)	GB/ITS/ExTR11.0033/00
Status*:	Issued
ExTR Free Reference Number*:	11052624
Date of Issue*: (yyyy-mm-dd)	2011-10-13
List of Standards Covered*:	IEC 60079-0 (Ed.5); IEC 60079-11 (Ed.5); IEC 60079-26 (Ed.2)
Issuing ExTL*:	ITS - Intertek Testing & Certification Limited
Endorsing ExCB*:	ITS - Intertek Testing & Certification Limited
Manufacturer*:	Pelican Products Inc 23215 Early Ave, Torrance, CA, 90505, USA.
Country of Manufacture*:	United States of America
Ex Protection*:	Intrinsic Safety ia
Ratings:	3 x 1.5V Alkaline Cells (4.5V Nominal).
Product*:	LED headlamp flashlight
Model Reference*:	PELICAN 2610 LED
Related IECEX Certificates:	IECEX ITS 10.0019X issue: 1 [Current]
Comment:	Upgrade to permit Gas group IIC and EPL Ga.
Attachment:	