



# 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](http://www.iecex.com)

Certificate No.:  issue No.:

Status:

Date of Issue: **2012-03-13** Page 1 of 3

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

Electrical Apparatus: **Flashlight / Head Torch 2690**  
*Optional accessory:*

Type of Protection: **Intrinsic Safety**

Marking: Ex ia I Ma  
Ex ia IIC T4 Ga  
Ex ia IIIC T65°C Da IP65

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

*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](http://www.iecex.com).

Certificate issued by:

**TRaC Global Ltd.**  
Unit 1 Pendle Place  
Skelmersdale  
West Lancashire  
WN8 9PN  
United Kingdom





# IECEx Certificate of Conformity

Certificate No.: IECEx TRC 11.0010X

Date of Issue: **2012-03-13**

Issue No.: **0**

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Manufacturer: **Pelican Products Inc**  
23215 Early Avenue  
Torrance  
California  
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:

<b>IEC 60079-0 : 2007-10</b> Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
<b>IEC 60079-11 : 2006</b> Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"
<b>IEC 60079-26 : 2006</b> Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
<b>IEC 61241-0 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-11 : 2005</b> Edition: 1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'ID'

*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/ExTR11.0011/00](#)

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 flashlight, model 2690 is a portable alkaline battery powered headtorch. The unit comprises a PCB with various components and one LED, a reflector and a battery compartment all contained within a main enclosure constructed of plastic with a clear plastic lens.

The flashlight must only be powered by three Philips, PN LR03 (powerlife), Panasonic, PN LR03 (Xtreme Power), Duracell, PN MN2400, or Energizer, PN E92 "AAA size" alkaline batteries.

The unit has an environmental ingress protection rating of IP65.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. This equipment may only be used with three cells of the following:-
  - a. Philips, PN LR03 (powerlife) or
  - b. Panasonic, PN LR03 (Xtreme Power)
  - c. Duracell, PN MN2400
  - d. Energizer, PN E92
2. Old batteries and new batteries shall not be mixed.
3. Battery compartment must only be opened in an area known to be non-hazardous and batteries may only be changed in a non-hazardous area.
4. The battery compartment must be secured by both screws.