

# 1 EU - TYPE EXAMINATION CERTIFICATE

## 2 Product or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU – Annex III

3 EU - Type Examination Certificate No.: **EMT19ATEX0004X (incorporating variations V1)**

4 Product: **Handheld LED torch - 2315Z0, 2315Z1**

5 Manufacturer: **Pelican Products Inc.**

6 Address: **23215 Early Avenue, Torrance, CA 90505, United States of America**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Element Materials Technology, Notified Body number 2812, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential reports

**TRA-043673-33-00A & TRA-051589-33-01A**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

**EN 60079-11:2012**

**EN 60079-28:2015**

Except in respect of those requirements listed at section 18 of the schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.

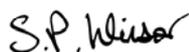
11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall include the following:

 **II 1 G Ex ia op is IIC T4 Ga (2315Z0)**

 **II 2 G Ex ib op is IIC T4 Gb (2315Z1)**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the Element Materials Technology Ex Certification Scheme.



S P Winsor, Certification Manager

Issue date: 2020-10-19

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CSF355-NL 3.0

**13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE**

**14 CERTIFICATE NUMBER EMT19ATEX0004X (incorporating variation V1)**

**15 Description of Product**

The Pelican 2315Z0 and 2315Z1 are handheld battery powered LED torches with a vivid yellow body colour. The tail cap of the torch includes a push button switch for user operation. The complete tail cap assembly unscrews to provide access to the battery compartment.

The lens end of the torch contains the LED light source, PCB assembly and reflector.

The torch is powered by two AA alkaline batteries connected in series, or two rechargeable AA NiMH batteries connected in series. The following cells are approved for use:

1. Panasonic LR06
2. Duracell MN1500
3. Energizer E91
4. Peli P-NiMH-AA

Both models are the same size and weight.

The 2315Z0 is suitable for Zone 0 hazardous environments and level of protection 'ia' has been applied.

The 2315Z1 is suitable for Zone 1 hazardous environments and level of protection 'ib' has been applied.

**16 Test Report No. (as added for this issue of the certificate):** TRA-051589-33-01A

**17 Specific Conditions of Use**

- 1) Use only Duracell MN1500, Energizer E91, Panasonic LR06 AA alkaline batteries, or Pelican / Peli P-NiMH-AA NiMH batteries. The cells must be of the same manufacturer.
- 2) To reduce risk of explosion, do not mix old with new batteries, or mix batteries from different manufacturers.
- 3) Do not change batteries in hazardous locations.



Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.

**18 Essential Health and Safety Requirements (Directive Annex II)**

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

**19 Drawings and Documents**

The list of controlled technical documentation is given in Appendix A to this schedule.

**20 Routine Tests**

None.

**21 Specific Conditions for Manufacture**

None.

# SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

## CERTIFICATE NUMBER EMT19ATEX0004X (incorporating variation V1)

### 22 Photographs

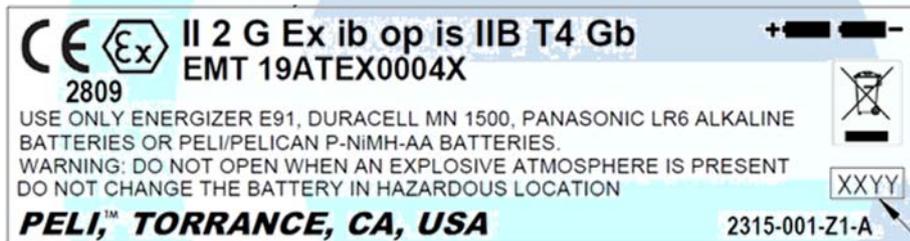


### 23 Details of Markings

2315Z0



2315Z1



### 24 Certificate History

Original certificate	2020-01-10	First issue.
Variation V1	2020-10-19	Alternative materials permitted for critical O-ring and enclosure membrane. Additional typographical correction to technical documentation.

This certificate is a consolidated certificate and reflects the latest status of the certification, including all variations and amendments.

### 25 Notes to CE marking

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Directives in all applications.

### 26 Notes to this certificate

Element Materials Technology certification reference: ERO032645P57 (PCNQ-0034).

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Notified Body number 2812 is the designation for Element Materials Technology Rotterdam BV.

## SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

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### 27 Conditions for the validity of this certificate

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Annex II of Directive 2014/34/EU and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).



**SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE****CERTIFICATE NUMBER EMT19ATEX0004X (incorporating variation V1)****APPENDIX A - TECHNICAL DOCUMENTS**

Title:	Drawing No.:	Rev. Level:	Date:
<b><u>2315Z0 specific:</u></b>			
2315Z0, Peli 2AA Approval	2315-001-Z0	A	2019-06-03
2315Z0, Peli 2AA Light (4 sheets)	023150-6000-000E-AP	B	2020-05-19
2315 LED Zone 0 (instructions)	002315-3180-000E	A	2019-12
<b><u>2315Z1 specific:</u></b>			
2315Z1, Peli 2AA Approval	2315-001-Z1	A	2018-11-28
2315Z1, Peli 2AA Light	023150-6000-000Z1-AP	B	2020-05-19
2315 LED Zone 1 (instructions)	002315-3190-000E	A	2019-12