

# 1 EC TYPE EXAMINATION CERTIFICATE

2 Equipment or protective system intended for use in potentially explosive atmospheres –  
Directive 94/9/EC – Annex III

3 EC Type Examination Certificate No.: **TRAC13ATEX0009X (incorporating Variation V3)**

4 Equipment: **LED Flashlight, 3315Z0**

5 Manufacturer: **Pelican Products Inc.,**

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

7 This equipment 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 0891 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system 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-012663-33-00A, TRA-023361-33-00A, TRA-026972-33-00A & TRA-026972-33-01A.**

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in section 17 of the schedule to this certificate, has been assured by compliance with:

**EN 60079-0:2012**


**EN 60079-11:2012**

**EN 60079-26:2007**

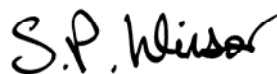
10 If the sign “X” is placed after the certificate number then this indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.

11 This EC-Type Examination certificate relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of this equipment or protective system shall include the following:

 **II 1 G Ex ia IIC T4 Ga**  
**II 1 D Ex ia IIIC T130°C Da**

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: 2015-12-11

13 **SCHEDULE TO EC TYPE EXAMINATION CERTIFICATE**

14 **TRAC13ATEX0009X (incorporating variations V1 to V3)**

15 **General description of equipment or protective system included within the scope of this certificate**

The Pelican 3315Z0 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 CREE LED that provides the light output.

The main enclosure including the battery compartment is made from a luminous yellow non-metallic material with a clear non-metallic lens.

*A list of controlled Manufacturer's Documents is given in Appendix A to this schedule.*

16 **Test report No. (associated with this certificate issue):** TRA-026972-33-01A.

17 **Essential health and safety requirements (Directive Annex II)**

Covered by application of the standards listed in section 9 of this certificate and the assessment conducted in the test report listed in section 16 of this certificate.

18 **"Special Conditions of Safe Use" for Ex Equipment, if any:**

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.

19 **"Routine tests", if any:**

None.

20 **"Special conditions for manufacture", if any:**

None.

21 **Other information, if any:**




None.

22 Photographs



23 Details of markings

Equipment marking:

		<b>II 1 G Ex ia IIC T4 Ga</b>
<b>1725</b>		<b>II 1 D Ex ia IIIC T130°C Da</b>
		<b>TRAC13ATEX0009X</b>
<small>APPROVED FOR USE WITH THREE SIZE "AA" ALKALINE CELLS (DURACELL MN1500, PANASONIC AM-3PA/4B, OR SANYO SEC-AC4AA).</small>		
<small>WARNING: DO NOT REPLACE BATTERIES WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. DO NOT MIX CELLS FROM OTHER MANUFACTURERS. REPLACE ALL CELLS AT THE SAME TIME. RISK OF IGNITION-DO NOT OPEN IN HAZARDOUS AREA, SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY</small>		
<b>PELI™, TORRANCE, CA, USA</b>		
		<b>3315-001-Z0</b>

## CONTINUATION OF SCHEDULE TO CERTIFICATE TRAC13ATEX0009X V3

Battery cell polarity marking:



### 24 Details of variations to this certificate

This certificate is a consolidated certificate and reflects the latest status of the certification, including the following variations:

- Variation V1 – Update to latest standard EN60079-0:2012.
- Variation V2 – Change of lens to new material and die-cut type.
- Variation V3 – LED Component changed.

### 25 Notes to CE marking

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

### 26 Notes to this certificate

Element Materials Technology certification reference: **TRA-026972-32-02**.

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

Notified Body 0891 is the designation for Element Materials Technology Warwick Ltd (formerly known as TRaC Global Ltd).

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

**CONTINUATION OF SCHEDULE TO CERTIFICATE TRAC13ATEX0009X V3**

**APPENDIX A - LIST OF CONTROLLED MANUFACTURER'S DOCUMENTS**

Title:	Drawing No.:	Rev. Level:	Date:
3315 Light Assembly	033150-6000-000E	C	2015-09-14
Body	033150-0000-000E-01	A	2015-03-27
Switch Boot Holder	033150-0000-000-02	A	2013-03-01
Tail Cap	033150-0000-000E-03	A	2015-03-27
Tail Cap Bottom Cover	033150-0000-000-04	A	2013-03-01
Tail Cap Top Cover	033150-0000-000-05	A	2013-03-01
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	A	2013-05-14
Negative Polarity Contact	033150-0000-000-11	A	2013-03-01
Negative Contact Plastic Insert	033150-0000-000-12	A	2013-03-01
Positive Polarity Contact	033150-0000-000-13	A	2013-03-01
PCBA Fuse Holder	033150-0000-000-14	A	2013-03-01
PCBA, Negative Eyelet	033150-0000-000-15	A	2013-03-01
Body Overmold Thread Collar	033150-0000-000-16	A	2013-03-01
MCPCB Heatsink	033150-0000-000-17	A	2013-03-01
LED+MCPCB Assembly	033150-0000-000-18	B	2015-09-14
Screw, M3.5x12 PH Tapping Steel Zinc Plated	033150-0000-000-19	A	2013-03-01
Reflector	033150-0000-000-20	A	2013-03-01
Oring, Lens	033150-0000-000-21	A	2013-03-01
Screw, M2.3x6 PH FH STL ZP	033150-0000-000-23	A	2013-03-01
Tail Cap Contact Spring	033150-0000-000-24	A	2013-03-01
Positive Polarity Plastic Insert	033150-0000-000-25	A	2013-03-01
Tail Cap Negative Polarity Contact	033150-0000-000-26	A	2013-03-01
Tether	033150-0000-000-27	A	2013-03-01
Oring, Tail Cap	033150-0000-000-28	A	2013-03-01
Switch Boot	033150-0000-000-29	A	2013-03-01
Tail Cap 90deg Lock Spring	033150-0000-000-30	A	2013-03-01
Tail Cap 90deg Lock Tab	033150-0000-000-31	A	2013-03-01
Tail Cap 90deg Turn Lock	033150-0000-000-32	A	2013-05-14
Peli 3315 Zone 0 Logo & Approval	3315-001-Z0	B	2015-03-27
3315 Zone 0 Instructions	003315-0318-501	A	2015
Die-cut lens	033150-0000-000E-36	A	2015-04-21