



1. EC-TYPE EXAMINATION CERTIFICATE

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. **EC-Type Examination Certificate Number:** ITS09ATEX26182 Issue 2
4. **Equipment or Protective System:** 2220Z1 VB3 LED Flashlight
5. **Manufacturer:** Pelican Products Inc (Trading as PELI™)
6. **Address:** 23215 Early Avenue, Torrance, CA 90505, USA
7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Intertek Report 101773045MAN-001, dated November 2014
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN60079-0: 2012, EN60079-11: 2012 and EN60079-28: 2007 except in respect of those requirements referred to at item 16 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
12. The marking of the equipment or protective system shall include the following:-



II 2 G Ex ib op is IIC T6 Gb

-20°C ≤ Ta ≤ 40°C

Intertek Testing & Certification Limited
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977

www.intertek.com

Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.



A Dickinson
Certification Officer
27 November 2014

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13. **Description of Equipment or Protective System**

The 2220Z1 VB3 LED is a handheld or clip-on flashlight for use in gas atmospheres. (Group IIC, and EPL Gb). It is powered by two Lithium cells, and the light source is two LEDs. The equipment is protected by the Intrinsic Safety and inherently safe optical radiation concepts of protection. It is intended for use in an ambient temperature range of -20°C to +40°C.

Permitted Battery Types:

Energizer CR2032

Duracell DL2032

Sanyo CR2032

14. **Report Number**

Intertek Report 101773045MAN-001, Dated: November 2014

15. **Conditions of Certification**

(a). Special Conditions for safe use

- There are no special conditions for safe use.

(b). Conditions of Manufacture

- There are no routine tests.

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16. **Essential Health and Safety Requirements (EHSR's)**

The relevant EHSR's have been identified and assessed in Intertek Report 101773045MAN-001 Dated: November 2014

17. **Drawings and Documents**

Title	Drawing No.:	Rev. Level:	Date:
PELI VB3 ZONE 1 LED LIGHT ASSEMBLY	2220-040-CLRE-Z1	A	08/14/2014
2220Z1 LED BODY KIT	2224-949-CLRE-Z1	A	08/10/2014
LED CIRCUIT BOARD ASSY	2226-341-000	A	8/15/2014
PELI 2220Z1 VB3 LED APPROVAL DRAWING.	2220-002-Z1	A	10/27/2014

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18 Revisions

Issue	Date	Change
Original issue	19 January 2010	Original Issue. Assessment Standards: EN60079-0: 2006 & EN60079-11: 2007 Marking:  II 2 G Ex ib IIC T6 Refer to Reports 09039037A1 and 09039037B1, dated 18 January 2010
Variation 1	25 April 2013	Assessment updated to address EN60079-0: 2009 and EN60079-11: 2012 <ul style="list-style-type: none"> Minor mechanical changes. Marking:  II 2 G Ex ib IIC T6 Gb Refer to Report: G101083033, Issue 1, dated April 2013.
Issue 2	27 November 2014	Assessment updated to address EN60079-0: 2012 and EN60079-28: 2007. <ul style="list-style-type: none"> Body material changed. LED part number updated. Marking updated to include "op is" Marking:  II 2 G Ex ib op is IIC T6 Gb Refer to Report 101773045MAN-001, Dated November 2014.

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