



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: **ITS11ATEX27782X**

4. Equipment or Protective System: **PELI Sabrelite 2010 LED Zone 0**

5. Manufacturer: **PELICAN PRODUCTS INC**

6. Address: **23215 Early Ave, 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 11053903, dated April 2012.


9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN60079-0: 2009, EN60079-11: 2007, EN60079-26: 2007, EN61241-11: 2006 except in respect of those requirements referred to at item 18 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 and construction 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 1 G Ex ia IIC T4 ... T3 Ga \*

 II 1 D Ex ia IIIC T135°C ... T200°C Da IP6X \*

\* See Schedule



**P Moss**  
Certification Officer  
May 2012

**Intertek Testing & Certification Limited**  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.intertek.com>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

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- 13. SCHEDULE
- 14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27782X
- 15. Description of Equipment or Protective System

The Sabrelite 2010 LED Zone 0 is a handheld flashlight suitable for use in Zone 0 or Zone 20 hazardous areas. It has a plastic enclosure made up of two parts, Battery housing (Hand grip) and lens with bezel. The lens bezel is internally threaded and screws onto an external thread on the battery compartment. An O-Ring seal is provided between the two enclosure parts. The flashlight switch is operated by twisting the lens bezel. The flashlight is powered by three Alkaline C Cells connected in series and a single high power LED with substantial heatsinking provides the light source. Protection for use in explosive gas and dust atmospheres is afforded by intrinsic safety ia. The temperature class is dependent on which of the following battery types are fitted.

Energizer C Cell (E93)	Ex ia IIC T4 Ga (-20°C ≥Ta ≥ +40°C) Ex ia IIIC T135°C Da IP6X (-20°C ≥Ta ≥ +40°C)
Duracell C Cell (MN1400)	Ex ia IIC T145°C Ga (-20°C ≥Ta ≥ +40°C) Ex ia IIIC T145°C Da IP6X (-20°C ≥Ta ≥ +40°C)
Panasonic C Cell (LR14)	Ex ia IIC T3 Ga (-20°C ≥Ta ≥ +40°C) Ex ia IIIC T200°C Da IP6X (-20°C ≥Ta ≥ +40°C)

- 16. Report Number:  
Intertek Report 11053903, dated April 2012.

17. CONDITIONS OF CERTIFICATION:

- (a). Special Conditions for safe use

The equipment must be inspected for physical damage to the enclosure and O-ring seal before entering a hazardous area where it will be exposed to dust.

- (b). Conditions For Use (Routine Tests)

There are no routine tests.

18. Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek Report 11053903, dated April 2012.

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- 19. Drawings and Documents

Number	Title	Issue	Date
2010-040-CLRE-Z0	PELI 2010 Z0 LIGHT ASSEMBLY	A	11/30/2011
2010-001-Z0	APPROVAL INSERT 2010 Z0	B	04/05/2012
2012-949-CLRE-Z0	PELI APPROVAL / LOGO 2010 LED ZONE0	A	09/09/2011
2013-920-100	2010 CLEAR LENS	F	10/10/2011
2003-321-000	O-RING, SUPER SABRELITE	C	11/08/2011
2003-341-000	SPRING CLIP, SUPER SABRELITE	I	07/09/2002
2006-981-170E	2000 Z1 BATTERY TRAY ASSEMBLY	PR	03/19/2009
2006-332-000-01	PLASTIC INSULATOR	A	10/17/2011
2013-359-000	LED MODULE, 2014C	C	11/03/2011
2013-359-000-04	DRIVER BOARD, 2010 LED MODULE	A	11/01/2010
3013-359-000-014	CIRCUIT BOARD ASSY (3 Pages)	B	08/15/2011
2013-359-001	MCPCB W/LED, 2010 / 2410	A	11/01/2010
2013-359-000-02	HEATSINK, 2010 / 2410 MODULE	A	04/21/2009
2013-359-000-03	PLASTIC COVER, 2010 / 2410 MODULE	B	08/29/2011
2013-359-000-01	REFLECTOR, 2010/2410 MODULE	A	04/21/2009

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