

1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 22ATEX1339X Issue: 1

4 Equipment: 3315Z0 Flashlight

5 Manufacturer: Pelican Products Inc.

6 Address: 23215 Early Avenue, Torrance, USA - CA 90505

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

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN IEC 60079-0:2018

EN 60079-11:2012

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. 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 shall include the following:



II 1G Ex ia IIC T4 Ga (*)

II 1G Ex ia IIC T3 Ga (*)

II 1D Ex ia IIIC T₂₀₀135 °C Da (*)

II 1D Ex ia IIIC T₂₀₀153 °C Da (*)

Ta = -20 °C to +40 °C

(*) Refer to specifications for details

Schedule

13 Description of Equipment or Protective System

The '3315Z0 Flashlight' is a portable torch used for illuminating dimly lit areas. It is intended to be used in areas classified as ATEX Category 1G/1D. The devices use a single LED which is controlled electronically using an on/off switch and is intended to be held by the user during use ("hand-held").

The device is powered with three select series connected primary alkaline cells (1.5 V each, 4.5 V total), which have been evaluated as part of this approval. The temperature class depends on the type of cell used with the device. The following table reveals the temperature classification for the device for each cell type.

Cell type	Temperature classification
Duracell MN1500 Panasonic AM-3PA/4B Sanyo SEC-AC4AA	Group II: T4 Group III: T ₂₀₀ 135°C
NX Power PCA9047	Group II: T3 Group III: T ₂₀₀ 153°C

*The 'NX Power PCA9047' cell is only used in the '3315Z0 Flashlight' and not the '3315 Flashlight'. This is reflected in the Ex marking string.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report	Date	Issue	Comment
R4096/A/1	11/11/2022	0	Initial issue of the Prime Certificate
R4675/A/1	17/06/2024	1	No technical changes have been made. The drawing '033150-6000-000E-AP' was updated to allow the abbreviated format naming convention.

14.2 Compliance Drawings:

Description	Drawing number	Revision	Date
3315 Body Clip	033150-0000-000-37	A	2016-10-14
3315Z0 (instructions - 2 sheets)	003315-0318-504	A	10-2022
PELI 3315 LIGHT ASSEMBLY *	033150-6000-000E-AP	A	2023-11-29

15 Conditions of Certification

15.1 Special Conditions for Safe Use

1. The device must only be powered using one of the primary cell types listed in this approval. The primary cells are not interchangeable with secondary cells, and the use of any alternative cells invalidates the approval.
2. The cells must not be replaced whilst an explosive atmosphere is present.
3. When the cells require replacement, they must be replaced with a set of three identical cells from the same cell manufacturer.

15.2 Conditions for Use (Routine tests)

- None

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

Certificate: ExVeritas 22ATEX1339X

Issue 1

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