

EU-Type Examination Certificate



1. **EU-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**
3. **EU-Type Examination Certificate Number: ITS17ATEX202171X Issue 1**
4. **Product:** Intrinsically Safe Flashlight Model 3345Z0
5. **Manufacturer:** Pelican Products Inc
6. **Address:** 23215 Early Avenue
Torrance, CA 90505
USA
7. This product 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 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the 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 confidential Intertek Report 103569246DAL-003 dated 31st July 2018.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0: 2012 + A11: 2013, EN 60079-11: 2012, and EN 60079-28: 2015 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 product is subject to Specific Conditions of Safe 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 the product shall include the following:



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-20°C ≤ Ta ≤ +40°C

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P Moss
Certification Officer
20th August 2018



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS17ATEX202171X Issue 1

13. Description of Equipment or Protective System

The equipment is an intrinsically safe flashlight powered by three series connected AA alkaline/NiMH cells. The equipment is housed in a non-metallic enclosure with a clear non-metallic lens. The following battery cells may be used in the device:

- Energizer E91
- Philips LR6
- Panasonic LR6
- Peli/Pelican P-NiMH-AA

14. Report Number

Intertek Report Ref:
103569246DAL-003 Dated: 31st July 2018.

15. Special Conditions of Certification

(a). Specific Conditions of Safe Use

- Only Panasonic LR6, Philips LR6, Energizer E91, or Peli/Pelican P-NiMH-AA battery cells are permitted to be used in the equipment. The cells must be of the same manufacturer.
- Do not open the battery compartment or replace battery cells when an explosive atmosphere is present. Battery cells must be replaced with the correct polarity.
- The capacitance measured on the spring of model 3345Z0 exceeds 3pF for Group IIC. Measured capacitance value was 4.8pF. The user shall determine the suitability of the equipment in the end application.

(b). Conditions of Manufacture - Routine Tests

- None

16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report Ref: 103569246DAL-003 Dated: 31st July 2018.

