

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 **TRL08ATEX21171X**  
Certificate No.:

4 Equipment: **Flashlight, Model 2340**

5 Manufacturer: **Pelican Products Inc.**

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

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

8 TRaC EMC & Safety Ltd, 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 report **16-0053-004232**.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in section 18 of the schedule to this certificate, has been assured by compliance with:

**EN60079-0:2006**

**EN60079-7:2007**

**EN60079-11:2007**

10 If the sign "X" is placed after the certificate number, it 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 2 G Ex e ib IIC T4 Tamb = -20°C to +40°C**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the TRaC Ex Certification Scheme.



S K Barrowcliff, Director, Safety

Issue date: 2009-05-05

Copy No.: 1e

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13 **SCHEDULE TO EC TYPE EXAMINATION CERTIFICATE**

14 **TRL08ATEX21171X**

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

The flashlight, model 2340 is a portable alkaline battery powered hand held torch. The unit comprises a reflector/lamp module and a battery compartment all contained within a main enclosure constructed of plastic with a clear plastic lens.

The flashlight must only be powered by Eveready Energizer E91 "AA size" alkaline batteries.

The unit has an environmental ingress protection rating of IP65.

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

16 **Test report No.:**               **16-0053-004232.**

17 **Special conditions for safe use**

1. This equipment may only be powered by two of the following cells:
  - a. Eveready Energizer E91, AA size, alkaline batteries
2. Old batteries and new batteries shall not be mixed.
3. Battery compartment must only be opened in an area known to be non-hazardous and batteries may only be changed in a non-hazardous area.
4. The battery compartment must be secured by the locking tab and screw.

18 **Essential health and safety requirements**

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.

19 **Additional information (including special conditions for manufacture)**

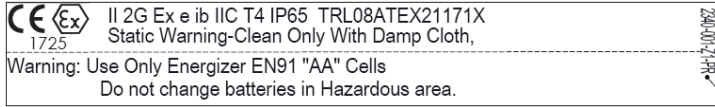
1. The cold resistance of the lamp shall be verified to be greater than 1.2 ohms.

**Photographs**



# CONTINUATION OF SCHEDULE TO CERTIFICATE TRL08ATEX21171X

## Details of markings



## Details of variations to this certificate

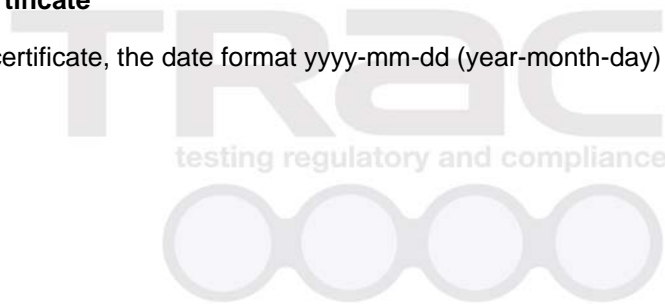
- None

## Notes to CE marking

In respect of CE Marking, TRaC EMC & Safety Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

## Notes to this certificate

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



CONTINUATION OF SCHEDULE TO CERTIFICATE TRL08ATEX21171X

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

| Title:  | Drawing No.:     | Rev. Level: | Date:      |
|---|------------------|-------------|------------|
| Lamp Module, Cat #2343Z1                      | 2343-358-000     | PR          | 2009-04-23 |
| Body 2340 Zone 1 Mitylite Plus 2AA            | 2341-949-CLR     | PR          | 2009-02-25 |
| 2340 Switch Assembly                          | 2346-620-110     | C           | 2009-02-25 |
| 2340, Boot, Switch                            | 2353-961-110     | F           | 2009-02-25 |
| Approval Insert ATEX Z1 Peli, 2340, Mity-Lite | 2340-001-Z1      | PR          | 2009-04-17 |
| Lens 2270 & 2300                              | 2303-920-100     | F           | 2009-02-25 |
| 2340 Zone 1, Lens Shroud                      | 2343-920-110     | PR          | 2009-02-25 |
| Vent Seal, 2350 Mitylite 2A Recrg             | 2353-321-000     | PR          | *          |
| 2340 Locking Tab                              | 2343-341-000     | PR          | 2009-02-25 |
| Screw, M3X.5X6mm 18-8 SS PH Phillips          | 2343-340-000     | PR          | 2008-10-13 |
| Peli Approval/Logo, Mitylite, 2340            | 2341-949-CLRE    | PR          | 2009-02-25 |
| Pelican Approval / Logo Mitylite, 2340        | 2341-920-CLR     | A           | 2006-08-04 |
| Mitylite 2340 Zone 1                          | 2340-000-CLRE-Z1 | PR          | 2009-02-25 |
| M3 Press Fit Expansion Insert                 | 2463-341-000     | PR          | *          |
| Mitylite 2340Z1 Operating Instructions        | 2343-318-500     | PR          | 2009-02-25 |

\* = Not shown

