

1 EU - TYPE EXAMINATION CERTIFICATE

2 Product or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU – Annex III

3 EU - Type Examination Certificate No.: **EMT16ATEX0037X**

4 Product: **Peli LED Flashlight
MSA Lamp XP LED**

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 Element Materials Technology, Notified Body number 0891, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this 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 the confidential report **TRA-031644-33-00A**.


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

Except in respect of those requirements listed at section 18 of the schedule.

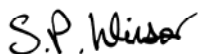
10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.

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 this product shall include the following:

 **II 2 G Ex ib IIC T4 Gb**

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



S P Winsor, Certification Manager

Issue date: 2016-08-16

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13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

14 EMT16ATEX0037X

15 Description of Product

The MSA Lamp XP LED is a Zone 1 hand-held torch. The equipment is battery operated by 4 x 1.5Vdc AA cells housed within a battery compartment. There is an internal electronic PCB with a switch and an LED which provides the light output. The body includes a helmet mounting point and the Shroud is green photoluminescent plastic.

16 Test report No. (associated with this certificate issue): TRA-031644-33-00A

17 Specific Conditions of Use

1. Only Duracell type MN1500, Sanyo type SEC-AC4AA, Energizer type E91 and Panasonic type LR6 battery cells are permitted to be used in the equipment. All of the cells must be of the same manufacturer.
2. Do not replace battery cells when an explosive atmosphere is present. Battery cells must be replaced with the correct polarity.

18 Essential Health and Safety Requirements (Directive Annex II)

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

<u>Clause</u>	<u>Subject</u>
None	None

19 Drawings and Documents

The list of controlled manufacturer's drawings and documents is given in Appendix A to this schedule.

20 Routine Tests

None.

21 Specific Conditions for Manufacture

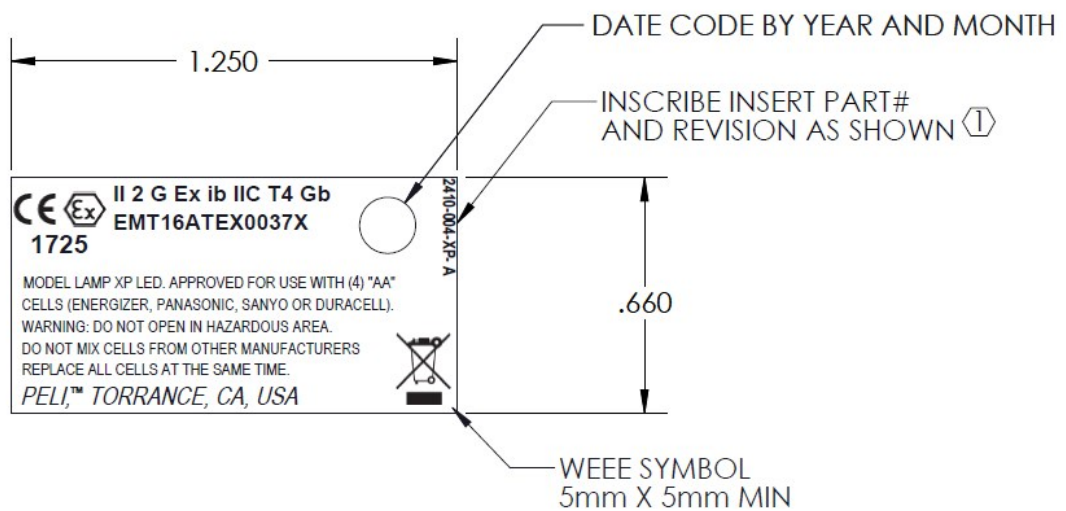
None.

CONTINUATION OF SCHEDULE TO CERTIFICATE EMT16ATEX0037X

22 Photographs



23 Details of Markings



24 Details of Variations to this Certificate

- None

25 Notes to CE marking

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Directives in all applications.

26 Notes to this certificate

Element Materials Technology certification reference: **TRA-031644-32-00.**

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

Notified Body 0891 is the designation for Element Materials Technology Warwick Ltd (formerly known as TRaC Global Ltd).

CONTINUATION OF SCHEDULE TO CERTIFICATE EMT16ATEX0037X

APPENDIX A - LIST OF CONTROLLED MANUFACTURER'S DOCUMENTS			
Title:	Drawing No.:	Rev. Level:	Date:
2410 XP APPROVAL INSERT	2410-004-XP	A	2016-07-21
MSA LAMP XP by Peli	2413-314-502	A	2016-08
VALVE, PUV	2003-343-000	B	2011-11-02
CAP, PUV	2003-942-CLR	C	2011-04-26
LEVER, STEALTHLITE SWITCH	2401-911L-CLR	E	2009-05-06
2410 CONTACT MODULE, ASSY (2 sheets)	2406-621-110	D	2011-04-12
2410 MSA LAMP XP LED, ASSEMBLY	2410-240-245G	A	2016-05-06
LED MODULE, 2414	2413-359-000	E	2016-02-05
CIRCUIT BOARD ASSY (3 sheets)	2413-359-000-014	D	2016-02-05
BERQUIST THERMAL PAD	2013-359-000-016	A	2010-03-19
FUSE EPOXY HOLDER	2013-359-000-015	A	2010-03-18
DRIVER BOARD, 2410 LED MODULE	2413-359-000-04	B	2016-02-05
LED	2013-359-002	B	2011-05-31
2410 ANTI-STATIC MSA SHROUD	2413-948-247	A	2016-05-06
2410 XP LED, APPROVAL/LOGO	2413-949-CLRG	A	2016-05-06