

# 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.: **EMT16ATEX0026X (incorporating variation V1)**

4 Product: **Rechargeable torch charging cradle, 2480F**

5 Manufacturer: **Pelican Products Inc.**

6 Address: **23215 Early Avenue, Torrance, CA, 90505, United States of America**

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 2812, 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-026588-33-01A**.

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.

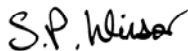
10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.

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 Gb] IIC**

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: 2019-11-01

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**13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE**

**14 CERTIFICATE NUMBER EMT16ATEX0026X (incorporating variation V1)**

**15 Description of Product**

The 2480F battery charger is an associated apparatus battery charger cradle contains a fuse protected charging pcb. The charger is powered via a SELV certified mains adaptor and provides a regulated voltage output to a connected torch.

Rating:

$U_m = 120 \text{ Vdc}$ ,  $U_o = 10.72 \text{ Vdc}$ ,  $I_{\text{continuous}} = 0.535\text{A}$

**16 Test Report No. (as added for this issue of the certificate):** N/A

**17 Specific Conditions of Use**

1. Use only a SELV certified power supply for the battery charger #2480F.
2. Use only Peli LED Flashlight 2460Z1 'Stealthlite' & 3660Z1 'Little Ed LED' (Atex certificate TRAC15ATEX0043X)



Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.

**18 Essential Health and Safety Requirements (Directive Annex II)**

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

**19 Drawings and Documents**

The list of controlled technical documentation is given in Appendix A to this schedule.

**20 Routine Tests**

None.

**21 Specific Conditions for Manufacture**

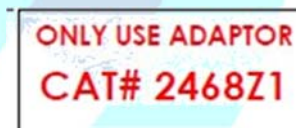
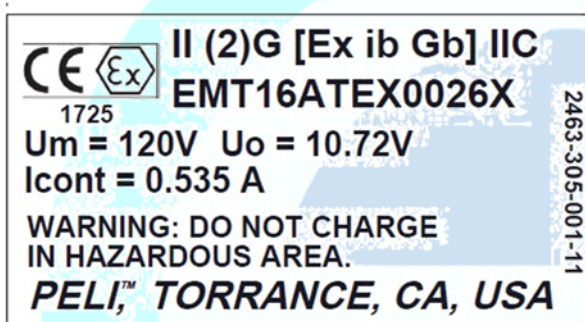
None.

**SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE**  
**CERTIFICATE NUMBER EMT16ATEX0026X (incorporating variation V1)**

**22 Photographs**



**23 Details of Markings**



**24 Details of Variations to this Certificate**

This certificate is a consolidated certificate and reflects the latest status of the certification, including the following variations:

- Variation V1 - This certificate was originally issued by Notified Body number 0891 under Directive 2014/34/EU. The technical file has been transferred to Element Notified Body number 2812 without further assessment or evaluation.

**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.

## SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

CERTIFICATE NUMBER EMT16ATEX0026X (incorporating variation V1)

### 26 Notes to this certificate

Element Materials Technology certification reference: **NR-PCNQ-0010**

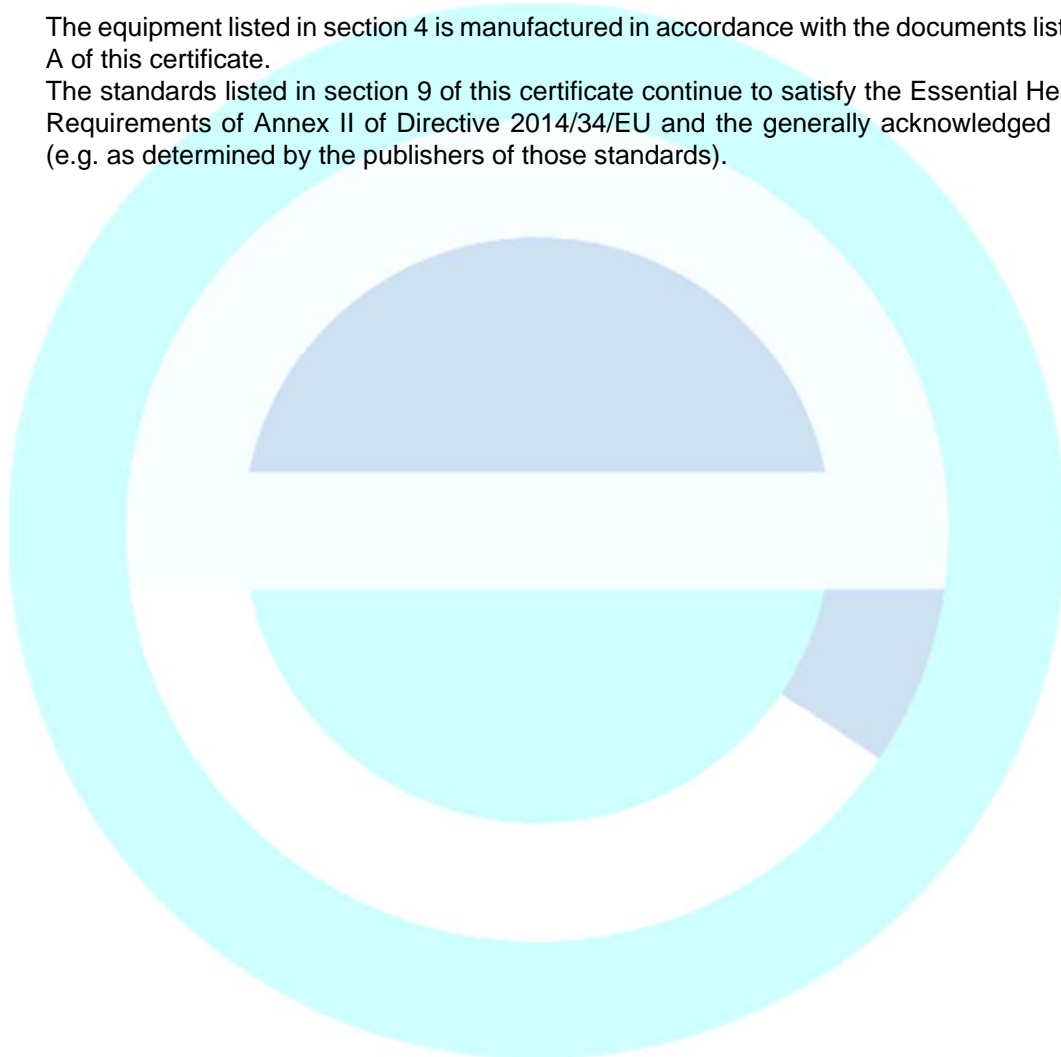
Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Notified Body number 2812 is the designation for Element Materials Technology Rotterdam BV.

### 27 Conditions for the validity of this certificate

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Annex II of Directive 2014/34/EU and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).



**SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE****CERTIFICATE NUMBER EMT16ATEX0026X (incorporating variation V1)****APPENDIX A - TECHNICAL DOCUMENTS**

<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
2460Z1/3660Z1 CHARGER (2 sheets)	2463-305-001	A	2016-05-25
2460Z1/3660Z1 CHARGER TOP HOUSING	2463-305-001-01	A	2015-11-11
2460Z1 CHARGER, PCBA (4 sheets)	2463-305-001-03	A	2016-05-26
2460Z1 CHARGER, CHARGER SPRING	2463-305-001-08	A	2015-06-24
2450/2460 CHARGER, CHARGER PIN	2463-305-001-04	B	2016-05-05
2460Z1 CHARGER, SCREW	2463-305-001-33	A	2015-12-02
2460Z1 CHARGER BOTTOM HOUSING	2463-305-001-02	A	2016-05-25
2460Z1 CHARGER ZENER DAUGHTER BOARD (3 sheets)	2463-305-001-30	A	2016-05-20
24 AWG WIRE, 2460 CHARGER	2463-305-001-31	A	2016-05-20
24 AWG, 2460 CHARGER	2463-305-001-32	A	2016-05-20
HEAT SINK (R), CHARGER, 2460Z1	2463-305-001-23	A	2016-05-31
HEAT SINK (L), CHARGER, 2460Z1	2463-305-001-22	A	2016-05-25
RUBBER PAD, 2460Z1	2463-305-001-24	A	2016-05-31
CHARGER BASE, ATTENTION LABEL	2463-305-001-06	A	2015-12-02
2460Z1 / 3660Z1, CHARGER BASE APPROVAL PRINTED LABEL	2463-305-001-11	A	2016-06-15
2460Z1 CHARGER ADAPTOR LABEL	2463-305-001-09	A	2015-12-02
CHARGER BASE, QC LABEL	2463-305-001-07	A	2015-12-02
StealthLite 2460 LED Zone 1 instructions	2463-318-507	B	2019
StealthLite 3660 LED Zone 1 instructions	3663-318-507	B	2019