

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 17 ATEX 0243 X Issue: 0

4 Equipment: 9455 Remote Area Lighting System

5 Manufacturer: Pelican Products Inc

6 Address: 23215 Early Avenue, Torrance
CA 90505
USA

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 2585 in accordance with Article 9 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 60079-0:2012+A11:2013 EN 60079-26:2015
EN 60079-11:2011 EN 60079-28:2015

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 op is IIC T4 Ga



No. 8613

On behalf of ExVeritas

S D Henin
Certification Manager

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The certificate is only valid when it carries an original signature.
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ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.
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Schedule

13 Description of Equipment or Protective System

Remote Area Lighting System 9455 comprised of non-metallic anti-static main enclosure, the light head and its pole are made in aluminium. In the light head is situated the Light Engine Board that includes the LED's and their protective circuit. In the main enclosure is situated a rechargeable battery pack, the Charger Protection Board and its secondary enclosure, the internal cabling and a plug for connection to an external charger (non-powered in hazardous location).

Charger input rating:

Um = 14.4 V

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R0832/A/1	2017/04/26	0	Initial issue of the Prime Certificate

14.2 Compliance Drawings:

Issue 0

Number	Date	Issue	Description
009455-000-245 (E)	2017/04/12	C	9455 Main Assy – BOM Drawing
009455-2063-000	2017/02/28	D	CPC Cable Gland Cover, 9455
009455-2099-000	2016/10/25	A	Battery Sealing Gland B, 9455
009455-2407-110	2017/02/10	C	Light Head Spacer, ATEX – 9455
009455-2489-000	2017/01/26	B	Pole Assy, 2 Section, 9455, ATEX
009455-3097-000	2017/01/09	K	Coiled Cable Assy, 9455
009455-3520-000	2017/04/20	G	NiMH Battery Pack, Raw 9455
009455-3520-000A	2017/04/18	B	Battery Loom, 9455
009455-3554-110	2017/01/04	B	Lamp Head Assy ATEX, Heat Sink, BLK – 9455
009455-3554-110A	2017/04/12	K	Head Heat Sink, 9455
009455-3554-110B	2017/02/20	B	Gasket, Lamp Head 9455
009455-3554-110C	2017/01/26	C	Bezel, 9455 Lamphead
009455-3554-110D	2017/02/20	C	Bezel Inner, Lamphead, 9455
009455-3554-110E	2017/02/27	C	Thermal Interface, 9455 Lamphead
009455-3554-110F	2016/12/19	A	Antistatic Lens, 9455
009455-3554-110G	2017/03/23	N	Light Engine, 9455
009455-3554-110J	2017/02/20	C	Lens Gasket, 9455
009455-3600-000	2017/02/27	J	CPC PCB, 9455

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Number	Date	Issue	Description
009455-3600-000A	2017/02/16	A	Potted Fuse, CPC – 9455
009455-3650-000	2016/12/20	C	CPC Housing Front, Rear & Gasket, 9455
009455-3650-000A	2017/03/21	F	CPC Housing, 9455
009455-3650-000B	2017/03/21	F	CPC Cover Plate, 9455
009455-3650-000C	2017/01/26	D	CPC Gasket, 9455
009455-5077-000	2017/04/20	C	Serial Number Plate, ATEX, US – 9455
009455-5078-000	2017/04/05	D	Serial No. Label Artwork, Pelican – 9455
009455-6042-110	2016/12/21	A	Bottom Moulding Black ATEX, 9455
009455-6043-245	2016/12/21	A	Top Mould, Yellow ATEX Gland Insert
009455-6044-245	2016/12/20	A	9455 Top Moulding Pad Print - Pelican
009455-6044-245E	2016/12/20	A	9455 Top Moulding Pad Print - Peli
009455-6240-110	2017/03/21	F	Pole Bracket Assy, ATEX, BLK – 9455
009466-3556-000	2017/04/18	06	Light Head Bracket Assembly 9460_70
009455-5510-000E	-	7	Peli 9455 User Manual
009455-5510-000	-	7	Pelican 9455 User Manual

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- The Light Head and its pole are made in aluminium and represent an ignition hazard, avoid risks of mechanical impact or friction.
- Remote Area Lighting System 9455 shall be charged only in safe area, charging in explosive atmospheres invalidates this certification.
- The lens is coated to avoid risks of electrostatics charges, refer to the user manual for information about periodic inspections and services on this part.

15.2 Conditions for Use (Routine Tests) N/A

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.

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