

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: Presafe 16 ATEX 8967X Issue 0
- [4] Product: Beacon Light – BC 125/150
- [5] Manufacturer: Ex-tech Signalling SAS
- [6] Address: ZA Les Montagnes
FR-16430 Champniers
FRANCE
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV Nemko Presafe AS, notified body number 2460, 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 confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013 (IEC 60079-0:2011), EN 60079-1:2014 (IEC 60079-1:2014) and EN 60079-31:2014 (IEC 60079-31:2013)
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the 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 the product shall include the following:



II 2 G

Ex db IIC T4~T6 Gb

II 2 D

Ex tb IIIC T135°C~T85°C Db

Asle Kaastad

For DNV Nemko Presafe AS

Information on electronic signature www.presafe.com



PROD 021

Date of issue: 2016-11-30

This certificate may only be reproduced in its entirety and without any change, schedule included.

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[13]

Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 16 ATEX 8967X Issue 0

[15] **Description of Product**

This certificate covers Beacon light with enclosures made of two different materials. BC-125 is stainless steel and BC-150 is GRP. The product is made up of; Main body and front-cover, connected together by a spigot joint. A glass dome is installed in the front-cover by using a cemented joint. Inside the enclosures it's installed different PCB, terminals and light sources.

Type designation

BC Series – 125/ 150

Electrical Data

Voltage ≤48 VDC, 100~240VAC (50/60Hz), ≤25W

Degrees of protection (IP Code)

IP66

Ambient temperature:

Product	Ambient temperature	Marking
BC 125 / 150	Tamb=-40°C~+70°C	Ex db IIC T4 Gb. Ex tb IIIC T135°C Db
	Tamb=-40°C~+60°C	Ex db IIC T5 Gb. Ex tb IIIC T100°C Db
	Tamb=-40°C~+55°C	Ex db IIC T6 Gb. Ex tb IIIC T85°C Db

Routine tests

A routine pressure test according to EN 60079-1 clause 16 shall be carried out on all enclosures with the following pressures:

BC 125- 1.2MPa

BC 150- 1.2MPa

[16] **Report No.:** D0002845

[17] **Specific Conditions of Use**

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 2 and 3 of EN/IEC 60079-1.

[18] **Essential Health and Safety Requirements**

Not applicable

[19] **Drawings and documents**

Number	Title	Rev.	Date
55060100000	General Drawing BC 125	1.01	2013.03.05
55060100001	Dispense Drawing BC 125	1.01	2013.03.05
55060100002	Part List BC 125	1.01	2013.03.05
55060110102	Top Cover BC 125	1.01	2013.03.05
55060110101	Main box BC 125	1.01	2013.03.05
55060170107	Glass cover	1.01	2013.03.05
55060200000	General Drawing BC 150	1.01	2013.03.05
55060200001	Dispense Drawing BC 150	1.01	2013.03.05
55060200002	Part List BC 150	1.01	2013.03.05
55060250102	Top Cover BC 150	1.01	2013.03.05
55060250101	Main box BC 150	1.01	2013.03.05
55060250401	Alternative lid screw for 150 serious	1.01	2013.08.25
55060250402	Alternative lid screw for 150 serious	1.01	2013.08.25
55060010501	Name plate Alarm Beacon & Status Light Ex d	1.04	2016.11.18

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue This certificate is an update of NEMKO 13 ATEX 1561X, issue 0. This issue update is made in order to conform to latest edition of standards.	2016-11-30	D0002845

END OF CERTIFICATE