

- [2] **EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC**
- [3] **EC-Type Examination Certificate Number:** PRESAFE 14 ATEX 5389X **Issue 1**
- [4] **Equipment or Protective System:** Excite
Explosion Proof Beacon Light – BB 125/150
- [5] **Applicant – Manufacturer or Authorized representative:** Bartec Technor AS
- [6] **Address:** Post Box 658, Dusavikv. 39,
4007 Stavanger, Norway
- [7] **This equipment or protective system 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 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems 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 14.
- [9] **Compliance with the Essential Health and Safety Requirements has been assured by compliance with:**
EN 60079-0:2012 (IEC 60079-0:2011) , EN 60079-1:2007 (IEC 60079-1:2007) and
EN 60079-31:2009 (IEC 60079-31:2008)
- [10] **If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for 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 or protected system. If applicable, further requirements of this Directive apply to the manufacturer and supply of this equipment or protective system.**
- [12] **The marking of the equipment or protective system shall include the following:**

 II 2 G Ex d IIC T4~T6 Gb
Ex tb IIIC T135°C~T85°C IP66

Asle Kaastad
For DNV Nemko Presafe AS
Information on electronic signature www.presafe.com



Date of issue: 2015-03-09

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Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No.: PRESAFE 14 ATEX 5389X Issue 1

Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001570	2014-12-17
1	Marking plate updated with word 'Excite' under Type	D0001570	2015-03-09

[15] Description of Equipment or Protective System

This certificate covers Beacon light of with enclosures made of two different materials. BB-125 is stainless steel and BB-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 Identification

BB Series – 125/ 150.

Electrical Data

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

Degrees of protection (IP Code): IP 66

Ambient temperature

Product	Ambient temperature	Marking
BB 125 / 150	Tamb=-40°C~+70°C	Ex d IIC T4 Gb. Ex tb IIIC T135°C IP66.
	Tamb=-40°C~+60°C	Ex d IIC T5 Gb. Ex tb IIIC T100°C IP66.
	Tamb=-40°C~+55°C	Ex d IIC T6 Gb. Ex tb IIIC T85°C IP66.

[16] Project No.: PRJC-513016-2014-PRC-NOR

Descriptive Documents

Number	Title	Rev.	Date	Sheets
55060100000	General Drawing BC 125	1.01	13.03.05	1
55060100001	Dispense Drawing BC 125	1.01	13.03.05	1
55060100002	Part List BC 125	1.01	13.03.05	1

55060110102	Top Cover BC 125	1.01	13.03.05	1
55060110101	Main box BC 125	1.01	13.03.05	1
55060170107	Glass cover	1.01	13.03.05	1
55060200000	General Drawing BC 150	1.01	13.03.05	1
55060200001	Dispense Drawing BC 150	1.01	13.03.05	1
55060200002	Part List BC 150	1.01	13.03.05	1
55060250102	Top Cover BC 150	1.01	13.03.05	1
55060250101	Main box BC 150	1.01	13.03.05	1
55060250401	Alternative lid screw for 150 serious	1.01	13.08.25	1
55060250402	Alternative lid screw for 150 serious	1.01	13.08.25	1
BSA-08-5	NAMPLATE Alarm Beacon/ status light BB 125/ 150 Ex d	A	14.10.21	1
BSA-10-5	List of types for Lights and sounders	A	14.12.03	1

Routine Test

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

BB 125 1.2MPa

BB 150 1.2Mpa

[17] Special Conditions for Safe 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 1 and 2 of EN/IEC 60079-1.

[18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE