

- [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 5393X **Issue 1**
- [4] **Equipment or Protective System:** Excite  
Explosion –Proof Status Lights– BSL 125 & 150
- [5] **Applicant – Manufacturer or Authorized representative:** Bartec Technor AS
- [6] **Address:** Post Box 658, Dusavikv. 39,  
4007 Stavanger
- [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 (Tamb = -40°C ~+70°C)

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Asle Kaastad  
For DNV Nemko Presafe AS  
Information on electronic signature [www.presafe.com](http://www.presafe.com)



Date of issue: 2015-03-09

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## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** PRESAFE 14 ATEX 5393X Issue 1

### Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001572	2014-12-17
1	Marking plate updated with word 'Excite' under Type	D0001572	2015-03-09

### [15] Description of Equipment or Protective System

This report covers two types of Status Light/ Lamps ; BSL-125 is stainless steel and BSL-150 is GRP. This product consists of a combination of several units installed on a mounting plate for wall mounting. The single unit 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. To electrically connect the different units together it's installed a connection device (type CT 20 ) with cemented joint. This is screwed into the different units by using Ex threads (M20\* 1,5).

Each individually unit have four optional sizes of cable entries (M20/M25 or 1/2NPT, 3/4NPT).

#### Type Identification

Type BSL-125/150-(X), is X numbers of beacons connected together.

Type BSL-125/150-(X)J, is X numbers of beacons and one junction box.

Type BSL-125/150-(X)P, is X numbers of beacons and one push-bottom

#### Electrical Data

Voltage ≤48 VDC, 100~240V AC(50/60Hz), 50/75/100/125 Watts max.

#### Degrees of protection (IP Code):

IP 66

#### Ambient temperature

Product	Ambient temperature	Marking
BSL 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-513073-2014-PRC-NOR

## Descriptive Documents

Number	Title	Rev.	Date	Sheets
55020100010	CT 20	1.01	13.03.05	1
55070100000 -N/ -NJ / -NP	General Drawing SL 125	1.01	13.03.05	3
55020100001-N / -NJ / -NP	Disperse Drawing SL 125	1.01	13.03.05	3
55020100002-N/ -NJ / -NP	Part List SL 125	1.01	13.03.05	3
55020200000-NP/ -NJ/ -N	General Drawing SL 150	1.01	13.03.05	1
55020200001-NP –NJ/ -N	Dispense Drawing SL 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
<b>Bartec Technor Additional Drawings</b>				
BSA-01-5	Name plate Status Light BSL 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

BSL 125 1.2MPa

BSL 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