

- [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 5383X **Issue 1**
- [4] **Equipment or Protective System:** Excite  
Explosion Proof Junction Box BJB 125/ BJB 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

Date of issue: 2015-03-09

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



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## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** PRESAFE 14 ATEX 5383X Issue 1

### Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001567	2014-12-17
1	Marking to include word 'Excite' under Type	D0001567	2015-03-09

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

This certificate covers two types of junction boxes; BJB-125 (stainless steel) & BJB-150 (GRP). The product is made up of; Main body, back-cover and front-cover, connected together by a spigot joint (flameproof joint). The junction box can contain terminals, PCB's and other electro/ mechanical devices. Each individually unit have four optional sizes of cable entries (M20/M25 or 1/2NPT, 3/4NPT).

### Type Identification

BJB 125 / BJB 150

### Electrical Data

BJB-125/150 Junction Box ≤ 240V, Power ≤ 50W

**Degrees of protection (IP Code):** IP 66

### Ambient temperature

Product	Ambient temperature	Marking
BJB 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-513007-2014-PRC-NOR

### Descriptive Documents

Number	Title	Rev.	Date	Sheets
55030100000	General Drawing JB 125	1.01	13.03.05	1
55030100001	Dispense Drawing JB 125	1.01	13.03.05	1
55030100002	Part List JB 125	1.01	13.03.05	1
55060110101	Main Box JB 125	1.01	13.03.05	1

55050110102	Back cover JB 125	1.01	13.03.05	1
55030200000	General Drawing JB 150	1.01	13.03.05	1
55030200001	Dispense Drawing JB 150	1.01	13.03.05	1
55030200002	Part List JB150	1.01	13.03.05	1
55060250101	Main box JB 150	1.01	13.03.05	1
55050250102	Back Cover JB 150	1.01	13.03.05	1
55060250401	Alternative lid screw for 150 series	1.01	13.08.25	1
55060250402	Alternative lid screw for 150 series	1.01	13.08.25	1
BSA-02-5	Nameplate for Junction box BJB 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

BJB 125 1.2MPa

BJB 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