



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PRE 14.0046X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 5 [Issue No. 1 \(2015-03-09\)](#)
Date of Issue: **2015-03-09** [Issue No. 0 \(2014-12-15\)](#)
Applicant: **Bartec Technor AS**
Post Box 658, Dusavikv. 39,
4007 Stavanger
Norway
Electrical Apparatus: **Excite Explosion Proof Junction Box - BJB125 & BJB 150**
Optional accessory:
Type of Protection: **Flameproof and Dust ignition protection by enclosure**
Marking:
Ex d IIC T4~T6 Gb
Ex tb IIIC T135°C~T85°C (-40°C~+70°C) IP66

Approved for issue on behalf of the IECEx
Certification Body:

Asle Kaastad

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

DNV Nemko Presafe AS
Gautadalleen 30
P.O.Box 73 Blindern
0314 Oslo
Norway





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Manufacturer: **Bartec Technor AS**
Post Box 658, Dusavikv. 39,
4007 Stavanger
Norway

Additional Manufacturing
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:1

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

CN/CQM/ExTR13.0045/00

NO/NEM/ExTR13.0036/00

NO/PRE/ExTR14.0041/01

Quality Assessment Report:

NO/NEM/QAR07.0003/07



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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. Four sizes of cable entries (M20/M25 or 1/2NPT, 3/4NPT) could be choose as request.

Designation:

BJB 125 / BJB 150

Electrical Ratings:

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

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

CONDITIONS OF CERTIFICATION: YES as shown below:

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



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EQUIPMENT (continued):

Ambient Temperature

Product	Ambient temperature	Marking
BJB 125, & BJB 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



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

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