



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 14.0050X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2015-03-09\)](#)
Date of Issue: **2015-03-09** [Issue No. 0 \(2014-12-12\)](#)

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

Electrical Apparatus: **Excite Ex Proof Manual Call point & Push Button BCP 150 & BPB 150**
Optional accessory:

Type of Protection: **Flameproof and dust ignition Protection by enclosure**

Marking:
Ex d IIC T6 Gb
Ex tb IIIC 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
Gaustadalleen 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/ExTR13.0044/00

NO/NEM/ExTR13.0033/00

NO/PRE/ExTR14.0045/00

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 report covers two products, one is Manual Call Point type BCP 150 and the other is a Push Button type BPB 150. The difference is not involving the Ex protection principle. The product is made up of; main body and front cover both made in GRP material, connected together by a spigot joint. There is actuator head screwed into the cover with an Ex threads of M20*1,5. An operating rod pass through this and forms an Ex Cylindrical joints from the outside to the inside of the enclosure. 2 LED's are installed in the lid by using cemented joint. There are micro switches, PCB's and a terminal row inside the housing.

Identification

BCP 150 & BPB 150 Series

Electrical Data

30V DC 6A, 250 VAC 11A

Degrees of protection (IP Code): IP 66

Routine Test

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

BCP 150 1.7 MPa

BPB 150 1.7 Mpa

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

- 1) Correction in the type error of ambient temperature from $-40^{\circ}\text{C}\sim+55^{\circ}\text{C}$ to $-40^{\circ}\text{C}\sim+70^{\circ}\text{C}$.
- 2) Updated the marking plate to include word 'Excite' under Type.