



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 15.0005X	Issue No: 0	<u>Certificate history:</u> Issue No. 1 (2016-04-13) Issue No. 0 (2015-04-16)
Status:	Current	Page 1 of 3	
Date of Issue:	2015-04-16		
Applicant:	Highlight Secure AS Krokvik N-6143 Fiskå Norway		
Equipment:	Blanking element		
<i>Optional accessory:</i>			
Type of Protection:	Increased safety "e"		
Marking:	Ex eb IIC		

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](http://www.iecex.com).

Certificate issued by:

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





IECEX Certificate of Conformity

Certificate No: IECEx PRE 15.0005X

Issue No: 0

Date of Issue: 2015-04-16

Page 2 of 3

Manufacturer: **Highlight Secure AS**
Krokvik N-6143
Fiskå
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 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

*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:

[NO/PRE/ExTR15.0004/00](#)

Quality Assessment Report:

[NO/PRE/QAR15.0001/00](#)



IECEx Certificate of Conformity

Certificate No: IECEx PRE 15.0005X

Issue No: 0

Date of Issue: 2015-04-16

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This certificate covers Highlight Secure AS blanking element made of brass with a thread size of M25x1.5 and belonging brass nut. It includes two different O-rings, one made of Viton and one made of silicone with two different operating temperatures. The blanking element includes a hank for connection to a safetywire. It is only the Ex requirements for blanking elements that has been assessed and tested in this certificate.

Type Identification

Safety Plug M25, SP25 with green Viton O-ring

Safety Plug M25, SP25 with red Silicone O-ring

The plug comes in two length 12 and 17mm, SP25/12 and SP25/17.

Degrees of protection (IP code)

IP66/67 according to IEC 60079-0

CONDITIONS OF CERTIFICATION: YES as shown below:

- Operating temperature of the Green, Viton O-ring is -20°C to +135°C
- Operating temperature of the Red, Silicone O-ring is -40°C to +135°C
- The blanking element has to be mounted according to its manual and the enclosure or other suitable devices instructions.
- Clearance and creepage distances according to IEC 60079-7 has to be checked after installation, with respect to the blanking elements length into the enclosure.
- If mounted in non-metallic enclosure, special caution to earthing has to be taken.