

EC-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC
- [3] EC-Type Examination Certificate Number: Presafe 15 ATEX 5985X Issue 0
- [4] Equipment or Protective System: Blanking element
- [5] Applicant – Manufacturer or Authorized representative: Highlight Secure AS
- [6] Address: Krokvik N-6143, Fiskå 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 and EN 60079-7: 2007
- [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 eb IIC

Date of issue: 2015-04-16

Asle Kaastad
For DNV Nemko Presafe AS
Information on electronic signature www.presafe.com



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[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** Presafe 15 ATEX 5985X Issue 0

Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001360	2015-04-16

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

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

[16] **Project No.:** D0001360

Descriptive Documents

Number	Title	Rev.	Date
HS-A-001	Safety plug SP25/17	D	2013-01-03
HS-A-002	Marking lable for safety plug SP25	0	2015-01-19
HS-A-006	Safety plug SP25/12	D	2015-02-20

[17] **Special Conditions for Safe Use**

- 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.

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[18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE