

# EU-TYPE EXAMINATION CERTIFICATE

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: **Presafe 19 ATEX 09403X** **Issue 0**
- [4] Product: **Handheld Microphone**
- [5] Manufacturer: **Zenitel Norway AS**
- [6] Address: **Bromsveien 17  
3183 Horten  
Norway**
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012/A11:2013 and EN 60079-11: 2012**
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:

 **II 2 G Ex ib IIB T5 Gb -30°C ≤ Ta ≤ +60°C**



Date of issue:  
2019-12-11



Asle Kaastad  
For DNV GL Presafe AS  
The Certificate has been digitally signed.  
See [www.dnvgl.com/digitalsignatures](http://www.dnvgl.com/digitalsignatures) for info

[13]

**Schedule**[14] **EU-Type Examination Certificate No:**

Presafe 19 ATEX 09403X

Issue 0

[15] **Description of Product**

Hand-held microphone to be used together with manufacturer's telephone unit and Signal splitter board. Microphone type 0008 exists in two versions with different part-number. Both versions look exactly the same but the PTT switch can be provided with single switching function or double switching function. See item 17.

**Type designation**

0008

**Electrical Safety Parameters**

Microphone: Ui: 10Vdc, Ii: 200mA, Li: 10mH, Ri: 200Ω.  
Switch Ui: 28Vdc, Ii: 93.3mA, Li: 0mH, Ci: 0nF

**Degrees of protection (IP Code)**

IP 20 according to EN 60529

**Ambient temperature:** $-30^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ **Routine tests**

N/A

[16] **Report No.:** 167733[17] **Specific Conditions of Use**

Microphone line, terminal number 1 and 2 with brown and white wires.  
Microphone: Ui: 10Vdc, Ii: 200mA, Li: 10mH, Ri: 200Ω.

Line circuit switch No. 1, terminal number 3 and 4 with green and yellow wires. Line circuit switch No. 2, with grey and pink wires.

Switch Ui: 28Vdc, Ii: 93.3mA, Li: 0mH, Ci: 0nF

The equipment must be protected by safety barriers with output values which correspond to the safety input parameters of the investigated equipment.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] **Drawings and documents**

Number	Title	Rev.	Date
92000-010-DL	I.S Descriptive document list	07	21.10.2019
Datasheet	92100-010-DS	03	21.10.2019
Label Drawing	92000-010-LD	12	27.09.2019
Mechanical Drawing	92000-010-ML	04	27.09.2019
Internal Wiring (1 PTT)	92000-010-IW-01	06	18.10.2019
( 2 PTT)	92000-010-IW-02	05	18.10.2019
Bill of Materials (1 PTT)	BoM 13041	03	18.11.2013
(2 PTT)	BoM 16593	02	18.11.2013
Datasheet	92100-010-DS	03	21.10.2019
Label Drawing	92000-010-LD	12	27.09.2019

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Prime Certificate released	2003-10-30	12006
1	Update to requirements of the standards EN 60079-0: 2007 EN 60079-11: 2007	2009-09-25	135328
2	Revised document list.	2010-09-29	157584
3	Update to requirements of the standards EN 60079-0: 2012 EN 60079-11: 2012	2013-12-02	D0001071 (NEX239661)
4	New issue of Presafe certificate to replace Nemko 03ATEX1505X Update manufacturer name and address	2019-12-11	167733

END OF CERTIFICATE