



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX PRE 19.0068X** Page 1 of 4 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-12-11

Applicant: **Zenitel Norway AS**
Bromsveien 17
3183 Horten
Norway
Norway

Equipment: **Handheld Microphone**

Optional accessory:

Type of Protection: **Ex ib**

Marking: **Ex ib IIB T5 Gb -30°C ≤Ta ≤ +60°C**

Approved for issue on behalf of the IECEx
Certification Body:

Alse 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 www.iecex.com or use of this QR Code.



Certificate issued by:

DNV GL Presafe AS
Veritasveien 3
1363 Høvik
Norway





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Manufacturer: **Zenitel Norway AS**
Bromsveien 17
3183 Horten
Norway

Additional
manufacturing
locations:

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 equipment 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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with 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 Reports:

[NO/NEM/ExTR13.0024/00](#)

[NO/PRE/ExTR19.0084/00](#)

Quality Assessment Reports:

[NO/NEM/QAR14.0005/00](#)
[NO/NEM/QAR14.0005/03](#)

[NO/NEM/QAR14.0005/01](#)

[NO/NEM/QAR14.0005/02](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.



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Equipment (continued):

Handheld Microphone