



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 NEM 11.0024** Page 1 of 5 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2013-04-19\)](#)
[Issue 0 \(2011-10-24\)](#)
Date of Issue: 2021-03-29
Applicant: **DNH AS**
Grueveien 4-6
3770 Kragerø
Norway
Equipment: **Loudspeaker**
Optional accessory:
Type of Protection: **Non-sparking device "ec"**
Marking: Ex ec IIC T6 Gc -50°C ≤ Ta ≤ +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Ståle Sandstad

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 Product Assurance AS
Veritasveien 3
Hovik 1363
Norway





IECEx Certificate of Conformity

Certificate No.: **IECEx NEM 11.0024**

Page 2 of 5

Date of issue: 2021-03-29

Issue No: 2

Manufacturer: **DNH AS**
Grueveien 4-6
3770 Kragerø
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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

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 Report:

[NO/NEM/ExTR11.0023/02](#)

Quality Assessment Report:

[NO/NEM/QAR08.0003/11](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx NEM 11.0024**

Page 3 of 5

Date of issue: 2021-03-29

Issue No: 2

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

This certificate covers a loudspeaker for use in Zone 2.

Type Designation: HS-15EExIIN(T)

Loudspeaker with or without transformer. T in the type designation indicates design with transformer.

Technical Data: Voltage, max: 100V, Power, max: 15W, Freq: 150-20000Hz

Ingress Protection Code: IP67

SPECIFIC CONDITIONS OF USE: NO



IECEx Certificate of Conformity

Certificate No.: **IECEx NEM 11.0024**

Page 4 of 5

Date of issue: 2021-03-29

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Update to the latest standards, nA to ec and minor changes to the descriptive documents.



IECEx Certificate of Conformity

Certificate No.: **IECEx NEM 11.0024**

Page 5 of 5

Date of issue: 2021-03-29

Issue No: 2

Additional information:

Routine test: Dielectric strength test according to clause 7.1 of IEC 60079-7: 2015.