



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 NEM 11.0031X	Issue No: 1	<u>Certificate history:</u> Issue No. 1 (2016-06-21) Issue No. 0 (2012-02-07)
Status:	Current	Page 1 of 4	
Date of Issue:	2016-06-21		
Applicant:	DNH AS Grueveien 2/6 3770 Kragerø Norway		
Equipment:	Loudspeaker		
<i>Optional accessory:</i>			
Type of Protection:	d e		
Marking:	Ex d e IIB+H2 T6 Gb		

Approved for issue on behalf of the IECEx
Certification Body:

Bjørn Spongsveen

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:

NEMKO (DNV Nemko Presafe AS)
Gaustadalleen 30
P.O. Box 73 Blindern
0314 Oslo
Norway





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Certificate No: IECEx NEM 11.0031X

Issue No: 1

Date of Issue: 2016-06-21

Page 2 of 4

Manufacturer: **DNH AS**
Grueveien 2/6
3770 Kragerø
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 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

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/NEM/ExTR11.0033/00](#) [NO/NEM/ExTR11.0033/01](#)

Quality Assessment Report:

[NO/NEM/QAR08.0003/07](#)



IECEx Certificate of Conformity

Certificate No: IECEx NEM 11.0031X

Issue No: 1

Date of Issue: 2016-06-21

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This Certificate covers a loudspeaker. The cable entries to the "Ex e" terminal compartment has to be completed with certified "Ex e" type cable glands suitable for the actual cable and unused openings closed with certified blanking plugs. T in the designation indicates design with transformer. BAREEX-36 (T) is for recessed mounting. CAREEX-36 (T) and CAPEEX-36 (T) have different mounting brackets.

Type Designations / Technical data Type:

CAREEX-36 (T)
CAPEEX-36 (T)
BAREEX-36 (T)

Technical data:

Voltage: 100V. **Power:** 6W **Freq. range:** 100 – 20000Hz

CONDITIONS OF CERTIFICATION: YES as shown below:

The loudspeaker shall only be used in an area of low risk of mechanical danger.



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Certificate No: IECEx NEM 11.0031X

Issue No: 1

Date of Issue: 2016-06-21

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The descriptive documents are updated for clarification purpose regarding sealing plug and nylon washer.