



# 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](http://www.iecex.com)

Certificate No.:	IECEX NEM 11.0016	Issue No: 2	<u>Certificate history:</u> Issue No. 2 (2016-06-21) Issue No. 1 (2014-09-12) Issue No. 0 (2011-09-05)
Status:	<b>Current</b>	Page 1 of 4	
Date of Issue:	<b>2016-06-21</b>		
Applicant:	<b>DNH AS</b> Grueveien 2-6 3770 Kragerø <b>Norway</b>		
Equipment:	<b>Loudspeaker</b>		
<i>Optional accessory:</i>			
Type of Protection:	<b>d e</b>		
Marking:	Ex d e IIB+H2 T6 Gb		

Approved for issue on behalf of the IECEx  
Certification Body:

Bjørn Spongveen

Position:

Certification Manager, Ex-products

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**  
Gautadelleen 30  
Oslo N-0314  
Norway





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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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/ExTR11.0015/00](#)      [NO/NEM/ExTR11.0015/01](#)      [NO/NEM/ExTR11.0015/02](#)

### Quality Assessment Report:

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



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

This Certificate covers a loudspeaker. T in the designation indicates design with transformer.

CAREEX 6(T):

With extruded aluminium brackets on each side

CAPEEX 6(T):

With one enclosed bracket

Variants: 1 – Can be equipped with a monitoring card in the Ex d enclosure.

2 – Can be equipped with branching of cable with connection coupling.

3 – MF in the designation indicates design with moulded e-chamber and permanent cable

6W (T48P or T38P x 2 transformer)

15W (T48P transformer)

150-20000Hz

**CONDITIONS OF CERTIFICATION: NO**



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

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