



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 DNV 22.0057** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 1 [Issue 0 \(2024-03-05\)](#)
Date of Issue: 2025-01-16
Applicant: **DNH AS, Den Norske Høytalerfabrikk AS**
Gruveveien 4
N-3770 Kragerø
NORWAY
Norway
Equipment: **Loudspeaker**
Optional accessory:
Type of Protection: **Ex db eb**
Marking: Ex db eb IIB+H2 T6 Gb, Ta : -20°C to + 50°C

Approved for issue on behalf of the IECEx
Certification Body:

Asle Kaastad

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 1
1363 Høvik
Norway





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Manufacturer: **DNH A/S**
Gruveveien 4
N-3770 Kragerø
Norway

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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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/DNV/ExTR22.0087/00](#)

[NO/DNV/ExTR22.0087/01](#)

Quality Assessment Report:

[NO/NEM/QAR08.0003/13](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

This certificate covers a Ceiling loudspeaker for flush mounting with or without transformer. "T" in the type designation indicates design with transformer.

Type designation

BA-56EExeN(T)

Variants:

1. «MF» in the type designation indicates variant with moulded e-chamber and permanently connected cable.
2. «x2» in the type designation indicates variant with two separate sets of loudspeakers, transformers (optional) and terminals (A+B).
3. «M» in the type designation indicates variant with monitoring card.
4. «B30» in the type designation indicates variant with B30 Mounting Kit.

Electrical Data

Max. rated Voltage: 100V

Max. rated Power: 6W

Degrees of protection (IP Code)

IP 54

Ambient temperature:

-20°C to +50°C

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Add new mounting kit for BA-56Ex