

[1]

EU-TYPE EXAMINATION CERTIFICATE

[2] Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

[3] EU-Type Examination Certificate Number: **DNV 22 ATEX 47745** **Issue 1**

[4] Product: **Loudspeaker**

[5] Manufacturer: **DNH A/S Den Norske Høytalerfabrikk A/S**

[6] Address: **Grueveien 4
3770 Kragerø
Norway**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] DNV Product Assurance AS, notified body number 2460, in accordance with Article 17 and Article 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in confidential reports listed in item 16.


[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN IEC 60079-0:2018, EN 60079-1:2014 and EN 60079-7:2015/A1: 2018**

Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

[11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

 **II 2 G Ex db eb IIB+H2 T6 Gb, Ta : -20°C to +50°C**



Date of issue:
2025-01-16



Asle Kaastad
For DNV Product Assurance AS
The Certificate has been digitally signed.
See www.dnv.com/digitalsignatures for info

- [13] **Schedule**
- [14] **EU-Type Examination Certificate No:** DNV 22 ATEX 47745 Issue 1
- [15] **Description of Product**
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
- Routine tests**
None
- [16] **Report No.:** 402250
- [17] **Specific Conditions of Use**
None
- [18] **Essential Health and Safety Requirements**
Met by compliance with the requirements mentioned in item 9.

[19] Drawings and documents

| Number | Title | Rev. | Date |
|--------|--|------|------------|
| 2174 | BA-56EExeN/T 5 Inch Loudspeaker alternative 2,5 Inch Loudspeaker-adapter | 3 | 01.02.2024 |
| 2174 | Ex-parts list, BA-56EExeN/T/MF, BA-56EExeN/T – 2x2,5inch. | 04 | 15.01.2024 |
| 2836 | *BA-56EEx - B30 kit | 1 | 11.12.2024 |

[20] Certificate History

| Issue | Description | Issue date | Report no. |
|-------|---|------------|---------------|
| 0 | Prime Certificate released | 2010-10-22 | 136850 |
| 1 | The descriptive documents are updated to include IECEx components and standards | 2011-06-23 | 174791 |
| 2 | Adding new variant BA-56EExeNTMF | 2013-12-17 | 249824 |
| 3 | New terminals added. EN 60079-0:2009 is updated to EN 60079-0:2012 +A11:2013 | 2016-07-07 | D0001126-rev2 |
| 0 | Replace Nemko10ATEX1050. Updated to latest standards. Add new terminals and new bushing. Add new optional fuse in d-chamber. | 2024-03-05 | 402250 |
| 1 | Add new optional mounting kit for BA-56Ex. | 2025-01-16 | 402250/01 |

END OF CERTIFICATE

