

[1] TYPE EXAMINATION CERTIFICATE
[2] Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3] Type Examination Certificate Number: Nemko 10ATEX1056 Issue 3

[4] Product: Loudspeaker
[5] Manufacturer: DNH AS
[6] Address: Grueveien 4-6
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] Nemko AS 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no.

PRJN-219833-2021-PA-NOR

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2018 and EN 60079-7: 2015/A1: 2018

[10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

[11] This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment and not to specific items of equipment subsequently manufactured.

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

 II 3 G Ex ec IIC T6 Gc -50°C ≤ Ta ≤ +50°C

Oslo, 2021-03-26



Geir Hørthe
Certification Manager

[13] Schedule

[14] **TYPE EXAMINATION CERTIFICATE No** **Nemko 10 ATEX 1056** **Issue 3**

[15] **Description of Product**

This Certificate covers a loudspeaker intended for use in Zone 2.

Type Designations

HS-15EExIIN(T)

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

Electrical Data

Voltage, max: 100V, Power, max: 15W

IP Code:

IP67

Ambient temperature:

-50°C to +50°C

Routine tests

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

[16] **Report No. PRJN-219833-2021-PA-NOR**

Descriptive Documents

Number	Title	Rev	Date
2010-A3-C	HS-15EExIIN HS-15EExIINT	3	19.03.2021
2010-C	Ex-stykkliste	C	19.03.2021

Certificate History and Associated Nemko Reports

Issue	Date	Report	Description
0	2010-06-02	136858	Prime Certificate released
1	2011-10-06	186712	The descriptive documents are updated to include IECEx components and standards
2	2013-04-19	230822	Dust marking removed.
3	2021-03-26	PRJN-219833-2021-PA-NOR	Update to the latest standards, nA to ec and minor changes to the descriptive documents.

[17] **Specific Condition of Use.**

None

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9