

# [1] EU-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use  
in Potentially explosive atmospheres  
Directive 2014/34/EU

[3] EU-Type Examination Certificate Number: Nemko 10ATEX1058X Issue 3

[4] Product: Loudspeaker

[5] Manufacturer: DNH AS

[6] Address: Grueveien 2/6  
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, notified body number 0470, in accordance with Article 17 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 report no. D0002549-rev3

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

EN 60079-0:2012+A11:2013, EN 60079-1: 2007 and EN 60079-7: 2007.

[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 EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. 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 2G

Ex d e IIB+H2 T6 Gb

Oslo, 2017-06-02

  
Bjørn Spongsveen  
Certification Manager, Ex-products

## [13] Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE No**    **Nemko 10ATEX1058X**    **Issue 3**

[15] **Description of Product**

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**

**Type:** CAREEX-36 (T)  
           CAPEEX-36 (T)  
           BAREEX-36 (T)

**Electrical Data**

**Voltage:** 100V.

**Power:** 6W

**Freq. range:** 100 – 20000Hz

[16] **Report No. D0002549**

**Descriptive Documents**

Name/Number	Rev.	Date	Title/Description	Sheets
2503*	01	08.04.2016	CAREEX-36/T CAPEEX-36/T BAREEX-36/T	1
2503*	01	May 2016	EX-stykkliste	1
2131-A4	-	19.12.2011	Careex/ Capeex/Bareeex/ BA-56EEx models Crimp for loop in loop out purposes	1

\*Updated documents

**Certificate History and Associated Nemko Reports**

Issue	Date	Report	Description
0	2011-03-31	136866	Prime Certificate released.
1	2011-12-19	192258	The descriptive documents are updated to include IECEx components and standards.
2	2016-06-21	D0002549	The descriptive documents are updated for clarification purpose regarding sealing plug and nylon washer.
3	2017-06-02	D0002549- rev3	Correction of ATEX code and Specific Condition of Use.

[17] **Specific Conditions of Use**

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



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

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