

# [1] EC-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use  
in Potentially explosive atmospheres  
Directive 94/9/EC

[3] EC-Type Examination Certificate Number: **Nemko10ATEX1054** Issue 2

[4] Equipment or Protective System: **Loudspeaker**  
[5] Applicant/ Manufacturer: **DNH AS**  
[6] Address: **Grueveien 2-6  
3770 Kragerø  
Norway**

[7] This equipment or protective system 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 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems 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. 174802

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0: 2009, EN 60079-1: 2007 and EN 60079-7: 2007.

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.  
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include the following:



**II 2G Ex d e IIB+H<sub>2</sub> T6 Gb**

**-20°C ≤ Ta +40°C**

Oslo, 2014-05-08

**Asle Kaastad**  
Certification Manager

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**[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko10ATEX1054 Issue 2****[15] Description of Equipment or Protective System**

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

**Type Designations / Technical data**

**Type:** CAREEX/CAPEEX 6(T)

**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.

**Voltage:** 100V.

**Power:** 6W (T48P or T38P x 2 transformer)  
15W (T48P transformer)

**Freq. range:** 150 – 20000Hz

**Ambient temperature:**  
-20°C ≤ Ta +40°C

**[16] Report No. 174802****Descriptive Documents**

Name/Number	Rev.	Date	Title/Description	Sheets
2175-A	01	2010-07	Careex-/ Capeex-6EEExeN/T 5 Inch Loudspeaker	1
2175-B	01	2010-07	Careex-/ Capeex-6EEExeN/T A:2,5 Inch Loudspeaker-adapter	1
2175A-B		2011-05	CAP-/ CAR-/ EEX-6EEExeN/T or CAP-/ CAR-/ EEX-6EEExeN/T – 2 x 2,5inch	2
DNH0115	H	2002-10-07	Careex cabinet	1
DNH 5118	A	1992-10-20	Lid	1
730-A4-D	D	2010-09-27	LB1 EEX-GJENNOMFØRING (d-rom) PG13,5 M20x1,5	1

**Certificate History and Associated Nemko Reports**

Issue	Date	Report	Description
0	2010-10-22	136855	Prime Certificate released
1	2011-06-30	174802	The descriptive documents are updated to include IECEX components and standards
2	2014-05-08	174802	Certificate number on page 2 corrected.

**[17] Special Conditions for Safe Use**

None

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

See item 9

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