


[1] EC-TYPE EXAMINATION CERTIFICATE

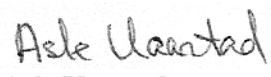
**[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

- [3] EC-Type Examination Certificate Number: Nemko 01ATEX235**
- [4] Equipment or Protective System: Loudspeaker**
- [5] Applicant/Manufacturer: DNH A/S. Den Norske Høytalerfabrikk A/S**
[6] Address: 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. 200110126
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:**
- CENELEC EN 50014: 1997 + A1: 1999 + A2: 1999, CENELEC EN 50018: 2000, CENELEC 50019: 2000 and CENELEC 50028:1987
- [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 2 G****EEx dem IIB+H₂ T5**

Oslo 2001-06-28


for **Rolf Hoel**
Certification Manager


Asle Kaastad
Project Engineer

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[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 01ATEX235****[15] Description of Equipment or Protective System**

Loudspeaker with or without transformer. T in the type designation indicates design with transformer. The loudspeaker has sintered metal of bronze, type SIKA-B 200 or stainless steel, type SIKA-R 200. The loudspeaker is delivered with or without monitoring card.

Type DesignationDSP-25EExmN/T EEx dem IIB + H₂ T5**Technical Data**

Max. 25W, 150-20000Hz

Ingress Protection Code

IP66 according to EN 60529.

[16] Report No. 200110126

Composed in total 83 pages and 2 pages of descriptive documents

Descriptive Documents

Name/Title	Drawing No.	Rev.	Date	Sheets
Part list DSP-25EExmN/T	1103	-	02.02.01	1
Drawing DSP-25EExmN/T	1103	-	13.06.01	1
Drawing	OB101/01/3/19 Issue 1	-	-	1
Drawing	OB101/60/7/02	-	-	1
Drawing	OB101/01/3/18 Issue 1	-	-	1
ACE SALS25, ZONE1 ACE SALS	OB101/60/2/02 Issue 1	-	6.12.96	1

Routine Test

A dielectric test with 1500VAC for 1 minute shall be carried out on each loudspeaker.

[17] Special Conditions for Safe Use

None.

[18] Essential Health and Safety Requirements

See item 9

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