

**[1] TYPE EXAMINATION CERTIFICATE****[2] Equipment Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC****[3] Type Examination Certificate Number: Nemko 03ATEX3286****[4] Equipment: Loudspeaker****[5] Applicant: DNH A/S****[6] Address: N-3770 Kragerø  
Norway****[5] Manufacturer: DNH A/S****[6] Address: N-3770 Kragerø  
Norway****[7] This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.****[8] Nemko AS, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 94/9/EC of 23 March 1994.****[9] The examination and test results are recorded in confidential report no. 10333****[10] Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:**

CENELEC EN 50021: 1999

**[11] If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.****[12] This 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. These are not covered by this certificate.****[13] The marking of the equipment shall include the following:**

II 3 G

EEx nA II T6  $-50^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ 

Oslo, 2003-06-06

per Rolf Hoel

Certification Department

## Schedule

**TYPE EXAMINATION CERTIFICATE No**      **Nemko 03ATEX3286**

### Description of Equipment

This Certificate covers a loudspeaker for use in Zone 2. The loudspeaker can be equipped with a monitoring card encapsulated in the coverlid, as shown in the descriptive documents.

### Type Designation

HS-15EE<sub>x</sub>IIN/T

### Technical Data

15W

100V

150-20000Hz

### Ingress Protection Code

IP67 according to EN 60529.

### Ambient temperature

-50°C to +50°C

**Report No. 10333**

### Descriptive Documents

Name/Title	Drawing No.	Rev.	Date	Sheets
HS-15EE <sub>x</sub> IIN HS-15EE <sub>x</sub> IINT	2010	-	15.04.03	1
HS-15EE <sub>x</sub> IIN/T	2010 PNHL366040	-	25.04.03	1

### Routine Test

None

### Special Conditions for Safe Use

None

### Essential Health and Safety Requirements

See item 10

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