



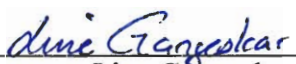
DET NORSKE VERITAS

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: **DNV-2004-OSL-ATEX-0365X**
- [4] Equipment or Protective System: **Antenna**
- [5] Applicant – Manufacturer or Authorized representative: **VisiWear**
- [6] Address: **Kong Oscars gate 2b
5017 Bergen
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] DNV, notified body number 0575 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. : **2005-3159**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 + A1: 1999 + A2: 1999 and EN 50019: 2000
- [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 and construction of the specified equipment or protected system. If applicable, further requirements of this Directive apply to the manufacturer and supply of this equipment or protective system.
- [12] The marking of the equipment or protective system shall include the following :

 II 2 G EEx e II T6

Høvik, 2005-07-08
for Det Norske Veritas Certification AS


Line Gangeskar
Head of Section




Bjørn Spongsveen
Senior Engineer

Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



[13] **Schedule**

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** DNV-2004-OSL-ATEX-0365X

[15] **Description of Equipment or Protective System**

Antenna for bracket mounting. The antenna is manufactured with permanently connected unterminated aerial cable of different length.

Type Identification

EX-ANT-B

Electrical Data

Max. 14,9Vpp, 2Wrms

Degrees of protection (IP Code)

IP 66 according to EN 60529

[16] **Report No.:** 2005-3159

Project No.: 42035438

Descriptive Documents

Number	Title	Rev.	Date
ANT-02-4	Generell arrangement tegning for EEx e Antenne IP66	D	2005-07-04
ANT-03-4	Arrangement tegning Brakett for Ex e Antenne	B	2005-07-04
EX-ANT-B-1	EX-ANT-B label	3	2005-06-23

Routine test

On each sample an electrical strength test shall be carried out according to the requirements of 6.1 of EN 50019.

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

The antenna is constructed with permanently connected unterminated cable and need appropriate protection of the free end of the cable.

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

See part 9 of this certificate

END OF CERTIFICATE



If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.