





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-2007-OSL-ATEX-16707**
- [4] Equipment or Protective System: **Ekahau Tag T301 Ex**
- [5] Applicant – Manufacturer or Authorized representative: **Pixavi AS**
- [6] Address: **Dusavikveien 39
4007 Stavanger, 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. : **2007-3516**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2006 , EN 60079-11-2007 and EN50303: 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 1 G Ex ia IIC T4
 I M1 Ex ia I

Høvik, 2008-11-06
for Det Norske Veritas Certification AS


Marianne Spæren
Certification Manager




Håkon S. Håkonsen
Technical Reviewer

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 300.000. 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-2007-OSL-ATEX-16707

Certificate History

Revision	Description	Issue date
-	Original certificate	2008-11-06

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

The product is a small battery driven location tag, a RFID device. It consists of a small printed circuit board with battery contacts for two cells and some electronic components. The unit is mounted in a conducting plastic enclosure. The enclosure consists of two parts that is screwed together

Type Identification

XTAG T301 Ex

Electrical Data

3,6V, <1W

[16] **Report No.:** 2007-3516

Project No.: PRJC-38418-2007-PRC-NOR

Descriptive Documents

Number	Title	Rev.	Date
CVG-06-32	Main circuit TAG T301A, 3 pages	D	2006-11-12
SS170407	Engineering change notification, 2 pages	-	2007-04-17
T301A-RD-061112	Printed circuit layout, 19 pages (No marking on printout)	-	-
VW-HW-DV-XT-CT-2008-101	Xtag Mechanical drawing	3	2008-08-10
VW-HW-DV-XT-CT-2008-16	Xtag EX Label	4	2008-10-08

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

None

[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 300.000. 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.