

# EU-TYPE EXAMINATION CERTIFICATE



- [1]
- [2] **Equipment or Protective System intended for use  
in Potentially Explosive Atmospheres  
Directive 2014/34/EU**
- [3] EU-Type Examination Certificate Number: **DEMKO 04 ATEX 0336363X Rev. 7**
- [4] Product: **Single Gas Monitors, GasAlert Extreme Series Models GAXT-H, GAXT-H-2, GAXT-M, GAXT-M2, GAXT-S, GAXT-C, GAXT-Z, GAXT-D, GAXT-A, GAXT-A2, GAXT-P, GAXT-X, GAXT-E, GAXT-N, GAXT-V, GAXT-G**
- [5] Manufacturer: **BW Technologies by Honeywell**
- [6] Address: **Suite 110, 4441 – 6 Street SE, Calgary, Alberta, T2G 4E8, Canada**
- [7] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment or 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. **4787892122.1**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012+A11:2013                      EN 60079-11:2012**
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.
- [12] The marking of the product shall include the following:

**II 1 G      Ex ia IIC T4 Ga**

**Certification Manager**  
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

**Date of issue:** 2004-04-05

**Re-issued:** 2017-06-29



**Notified Body**

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark  
Tel. +45 44 85 65 65, [info.dk@ul.com](mailto:info.dk@ul.com), [www.ul.com](http://www.ul.com)

## Schedule

### EU-TYPE EXAMINATION CERTIFICATE No.

DEMKO 04 ATEX 0336363X Rev. 7

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[14]

[15] Description of Product

The GasAlert Extreme (GAXT) Series are portable, battery operated, single gas monitors. They are intended for the detection of hydrogen sulfide, low methanol hydrogen sulfide, carbon monoxide, carbon monoxide (low Hydrogen sensitivity), sulfur dioxide, chlorine, hydrogen cyanide, nitrogen dioxide, ammonia, high range ammonia, phosphine, oxygen depletion, ethylene oxide, nitric oxide, chlorine dioxide and ozone. The devices are powered by a self-contained battery and contain audible and visual alarms that are activated when conditions exceed preset limits.

Performance testing

The measuring function of the product for explosion protection, according to Annex II clause 1.5.5, 1.5.6 and 1.5.7 of the Directive 2014/34/EU is not covered in this certificate.

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is not covered in this certificate.

Temperature range

The devices are intended for use in an ambient temperature range of  $-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$  with a T4 temperature code.

Electrical data

The devices are powered by one 3V lithium battery, manufactured by Panasonic, Part No. CR-2PE/BN.

Routine tests

None.

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Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [ 8 ] on page 1 of this EU-Type Examination Certificate.

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Specific conditions of use:


The battery must be replaced in a non-hazardous location in accordance with the manufacturer's instructions. Only the Panasonic Part No. CR-2PE/BN 3V primary lithium cell may be used.

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Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The trademark  will be used as the company identifier on the marking label.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.