

# CERTIFICATE

## (1) EC-Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 08ATEX0001** Issue Number: **4**

(4) Equipment: **Gas Alert Max XT and Gas Alert Max XT II Portable Gas Detector (Model XT-XWHM)**

(5) Manufacturer: **BW Technologies by Honeywell**

(6) Address: **2840 – 2nd Ave S.E., Calgary, Alberta, Canada T2A 7X9**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment 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 test report number 211263300.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2012**

**EN 60079-11 : 2012**

**EN 60079-26 : 2007**

(10) 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.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according 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.

(12) The marking of the equipment shall include the following:



**II 1 G Ex ia IIC T4 Ga**

This certificate is issued on 24 February 2014 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

  
R. Schuller

Certification Manager

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Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 08ATEX0001**

Issue No. 1

(15) **Description**

The Gas Alert Max XT or Gas Alert Max XT II is an intrinsically Safe, portable multi-gas detector for monitoring up to 4 gasses simultaneously and continuously: oxygen [deficiency/enrichment], combustibles, carbon monoxide and hydrogen sulfide.

Ambient temperature range -20°C to +50°C.

The enclosure provides a degree of protection of IP 66 / 67 according to EN 60529.

The Model code breakdown is as follows:

XT-XWHM-...

X	=	Indicates the Oxygen Sensor (0 or X)
W	=	Indicates the Combustible Sensor (0 or W)
H	=	Indicates the Hydrogen Sulfide Sensor (0, H or H1-H5)
M	=	Indicates the Carbon Monoxide Sensor (0, M or M1-M5)

**Electrical data**

The equipment is powered by the battery pack (P/N MXTD-081) consisting of the Narada NLC583759LT-2P Lithium Polymer rechargeable battery

**Installation instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. 211263300.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 211263300.