

(1) EC-TYPE EXAMINATION CERTIFICATE

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

(3) EC-Type Examination Certificate Number: **KEMA 06ATEX0056** Issue Number: 2

(4) Equipment: **Portable Gas Detector Type GasAlertMicroClip, Model MC-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) KEMA Quality 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 2105075.

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

EN 50014 : 1997 + A1, A2

EN 50020 : 2002

EN 50284 : 1999

(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 EEx ia IIC T4

This certificate is issued on 3 April 2007 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.

KEMA Quality B.V.



T. Pijpker
Certification Manager

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 06ATEX0056**

Issue No. 2

(15) **Description**

Portable Gas Detector Type GasAlertMicroClip Model MC-XWHM-... serves to detect the concentration or presence of gases by means of a number of integral sensors. The Gas Detector is battery operated and contains a visual, audible and vibrating indicator.

Ambient temperature range -20 °C ... +58 °C.

Electrical data

The Gas Detector may only be powered by the battery pack delivered with the equipment and the battery may only be replaced by the manufacturer.

The battery may only be charged outside the hazardous area by means of the associated charger.

Installation instructions

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

(16) **Test Report**

KEMA No. 2105075.

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

None.

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

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2105075.