



# Certificate of Compliance

**Certificate:** 1730355 (80259)

**Master Contract:** 157918

**Project:** 1730355

**Date Issued:** 2005/12/08

**Issued to:** **BW Technologies Limited**  
2840 2nd Ave SE  
Calgary, AB T2A 7X9  
Canada  
Attention: Thom Crawford

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



**Issued by:**

*P. Andrew Redeker*

Andrew Redeker

**Authorized by:** Patricia Pasemko, Operations Manager

*Patricia Pasemko*

## **PRODUCTS**

- CLASS 4828 82** - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations. Certified to U.S. Standards
- CLASS 4828 81** - SIGNAL APPLIANCES-Combustible Gas Detection Instruments - For Hazardous Location-Certified to U.S. Standards
- CLASS 4828 02** - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations
- CLASS 4828 01** - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations

Class I, Division 1, Groups A,B,C,D

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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GasAlert MicroClip Portable Gas Detector, MC-X-W-M-H-a-bb-cc; Temperature Code T4 @  $-20^{\circ}\text{C} \leq T_a \leq +58^{\circ}\text{C}$ ; Intrinsically Safe when powered by Varta Lithium Polymer battery Part Number: PLF 503759

**APPLICABLE REQUIREMENTS**

C22.2 No 0 - M1991 - General Requirements - Canadian Electrical Code Part II.

C22.2 No 152 - M1984 - Combustible Gas Detection Instruments.

C22.2 No 157 - M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

UL 913, Sixth Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.

ISA S12.13.01-2000 - Performance Requirements, Combustible Gas Detectors



CSA INTERNATIONAL

## *Supplement to Certificate of Compliance*

Certificate: 1730355

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

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Project	Date	Description
1730355	2005/12/08	GasAlertMicroClip Portable Gas Detector for use in Hazardous Locations