

Certificate of Compliance

Certificate: 1843315 (LR 90397)

Master Contract: 181472

Project: 2040122

Date Issued: 2008/09/23

Issued to: **Crowcon Detection Instruments
Limited
2 Blacklands Way
Abingdon Business Park
Abingdon, Oxfordshire OX14 1DY
United Kingdom
Attention: Eric Macey**

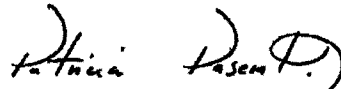
The products listed below are eligible to bear the CSA Mark shown



Issued by: Glenn Black



Authorized by: Patricia Pasemko, Operations
Manager



PRODUCTS

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 4828 01

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

Ex ia d IIC T4:



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“Tetra 3”, up to four gas (combustible, oxygen and two toxics), portable, battery operated, intrinsically safe. Ambient temperature range is -20 Deg. C to +55 Deg. C. Temperature Code is T4.

CLASS 4828 02

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

Ex ia IIC T4:

“Tetra 3”, up to four gas (oxygen and/or toxic), portable, battery operated, intrinsically safe. Ambient temperature range is -20 Deg. C to +55 Deg. C. Temperature Code is T4.

APPLICABLE REQUIREMENTS

Tetra 3 - combustible version:

CAN/CSA-E60079-0:02 Electrical equipment for explosive atmospheres – Part 0: General requirements

CAN/CSA-E60079-11:02 Electrical apparatus for explosive atmospheres – Part 11: Intrinsic Safety

CAN/CSA-E60079-1:02 Electrical apparatus for explosive atmospheres – Part 1: Flameproof

CAN/CSA-C22.2 No. 0-M91 General Requirements – Canadian Electrical Code, Part II

CSA Std C22.2 No.30-M1986 Explosion-Proof Enclosures for Use in Class I Hazardous Locations

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

CSA Std C22.2 No.157-92 Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

Tetra 3 - toxic version:

CAN/CSA-E60079-0:02 Electrical equipment for explosive atmospheres – Part 0: General requirements

CAN/CSA-E60079-11:02 Electrical apparatus for explosive atmospheres – Part 11: Intrinsic Safety

CAN/CSA-C22.2 No. 0-M91 General Requirements – Canadian Electrical Code, Part II

CSA Std C22.2 No.157-92 Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

MARKINGS

- CSA Monogram;

- Submitter identification;



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- Model number;
- Serial number, date code or month and year of manufacture;
- Wording re: Intrinsically safe
- Hazardous location designation: Class I, Division 1, Groups A, B, C and D;
- Temperature Code: T4
- The words "C22.2 No 152 when fitted with a combustible sensor. Ex ia d IIC";
- The words "when fitted without a combustible sensor. Ex ia IIC";
- Warning re: Understand manual before operation.
- Warning re: charge batteries in a non hazardous area;
- CSA 2006 1843315;
- Exia;
- Wording re: Ambient temperature range is -20 Deg. C to +55 Deg. C.



CSA INTERNATIONAL

Supplement to Certificate of Compliance

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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

Project	Date	Description
2040122	2008/09/23	Update to add new combustible sensor
1921586	2008/03/26	Removing the Stycast 2850 + catalyst 11 encapsulant and replacing it with encapsulant CIBA-Geigy CW1312/HY1300
1843315	2006/12/20	Original Certification