



Certificate of Compliance

Certificate: 1808890

Master Contract: 150861

Project: 1808890

Date Issued: 2006/07/16

Issued to: **Detcon Incorporated**
3200 Research Forest Dr Bldg A-1
The Woodlands, TX 77381
USA
Attention: Mr. Bob Masi

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



Issued by: Dorin Stochituiu, P.Eng

Authorized by: Patricia Pasemko, Operations Manager

PRODUCTS

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

CLASS 4828 02 and CLASS 4828 82

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

DM-700 toxic gas detector, input rated 11Vdc to 30Vdc, 85mA maximum. Explosion-proof product with integral intrinsically safe sensor, Ambient Temperature Range -40°C to 50°C , Temperature Code T4.

Class I, Groups B, C and D;

TP-700 H₂S and IR-700 CO₂ gas detectors, input rated 11Vdc to 30Vdc, 85mA maximum, Ambient Temperature Range -40°C to 75°C , Temperature Code T4.

CLASS 4828 01

Class I, Groups B, C and D;

IR-700 combustible gas detector, input rated 11Vdc to 30Vdc, 85mA maximum, Ambient Temperature Range -40°C to 75°C , Temperature Code T4.

CLASS 4828 81

Class I, Groups B, C and D;

FP-700, IR-700 combustible gas detectors, input rated 11Vdc to 30Vdc, 85mA maximum, Ambient Temperature Range -40°C to 75°C , Temperature Code T4.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 142-M1987 - Process Control Equipment

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

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

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

UL No. 916-1998 - Energy Management Equipment

UL No. 1203-2000 - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

UL No. 913-2002 - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations

ANSI/ISA-12.13.01-2000 - Performance Requirements for Combustible Gas Detectors

MARKINGS