

# Certificate of Compliance

**Certificate:** 1172191

**Master Contract:** 150861 (LR 69520)

**Project:** 1338229


**Date Issued:** September 10, 2002

**Issued to:** **Detcon Inc.**  
3200 Research Forest Dr., Bldg. A-1  
P.O. Box 8067  
The Woodlands, TX 77381  
USA  
**Attention:** Mr. Dan Alpha

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



**Issued by:**   
N. Harriott

**Authorized by:**   
Nick Alfano  
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. REQUIREMENTS

Class I, Groups B, C and D:

- Toxic gas stand alone transmitter, Series DM-400IS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell; input rated 11.5 to 28V dc, 20mA with 4-20mA signal output.
- Toxic gas stand alone transmitter, Series DM-400IS-RT-XXXXXX, input rated 11.5 to 28V dc, 20mA with 4-20mA output, with remote sensor assembly DM-400IS-RS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell.

Note: Suffix " XXXXXXXX " denotes the type of gas sensed.

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- Toxic gas stand alone transmitter, Series DM-500IS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell; input rated 11.5 to 28V dc, 24Vdc nom. @ 64mA with 4-20mA signal output.
- Toxic gas stand alone transmitter, Series DM-500IS-RT-XXXXXXX, input rated 11.5 to 28V dc, 24Vdc nom. @ 64mA with 4-20mA output, with remote sensor assembly DM-500IS-RS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell.

**Note:** Suffix " XXXXXXXX " denotes the type of gas sensed.

- Toxic gas stand alone transmitter, Series DM-600IS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell; input rated 22.5 to 28V dc, 24Vdc nom. @ 120mA with 4-20mA signal output; relay contacts rated 150V ac or 30V dc, 5A resistive.
- Toxic gas stand alone transmitter, Series DM-600IS-RT-XXXXXXX, input rated 22.5 to 28V dc, 24Vdc nom. @ 120mA with 4-20mA output; relay contacts rated 150V ac or 30V dc, 5A resistive with remote sensor assembly DM-600IS-RS-XXXXXXX with integral sensor containing intrinsically safe electrochemical cell.

**Note:** Suffix " XXXXXXXX " denotes the type of gas sensed.

#### **APPLICABLE REQUIREMENTS**

- |                       |           |   |   |
|-----------------------|-----------|---|---|
| CSA Std C22.2 No.     | 30-M1986  | - | Explosion-Proof Enclosures for Use in Class I Hazardous Locations   |
| CSA Std C22.2 No.     | 142-M1987 | - | Process Control Equipment   |
| CAN/CSA STD C22.2 No. | 157-92    | - | Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations   |
| UL Std No.            | 916       | - | Energy Management Equipment   |
| UL Std No.            | 1203      | - | Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations              |
| UL Std No.            | 913       | - | Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations |