



# Certificate of Compliance

**Certificate:** 1171517

**Master Contract:** 208866

**Project:** 2046357

**Date Issued:** 2008/09/30

**Issued to:** GP:50 New York Ltd.  
2770 Long Rd  
Grand Island, NY 14072  
USA  
Attention: Amy Napieralski

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



**Issued by:** Edward Foo, C.E.T.

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

## PRODUCTS

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Ex nA IIC:

Class I, Div. 2 Groups A, B, C & D; Class II, Groups E, F & G; Class III:

- Pressure Transmitters, Model Series 311Nabcdefg, 311GNabcdefg (where suffix e = AA, DQx, DRx, DTx, DUX or DVx) and 370Nabcde and 370GNabcde (where suffix d = AA, DQx, DRx, DTx, DUX or DVx), rated



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10-20 Vdc, 4-20 mA; Temperature Code T5, Ta = -40 °C to +80 °C. Only models with NPT entry (designated by connector suffix code = 'AA') are suitable for Class II and III hazardous locations.

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems  
- For Hazardous Locations

Ex nL IIC:

Class I, Div. 2, Groups A, B, C & D:

- Pressure Transmitters, Series 311Nabcdfg, 311GNabcdfg, 370Nabcde and 370GNabcde, rated 10-20 Vdc, 4-20 mA; with non-incendive field wiring when installed per drawing 8C1-65.01-2 (Model 311N/311GN) or 8C1-65.00-2 (Model 370N/370GN). Temperature Code T5, Ta = -40 °C to +80 °C.

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Ex ia IIC; Class I, Zone 0:

Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III:

- Pressure Transmitters, Model Series 311I, 311GI, 370I and 370GI, rated 10-20 Vdc, 4-20 mA. Intrinsically safe with entity parameters when installed per drawing 8C1-56.01-2 (Model 311I/311GI) or 8C1-56.00-2 (Model 370I/370GI). Temp code T5, Ta = -40 °C to +85 °C. Only models with NPT entry (designated by alternate connector suffix code 'CF') are suitable for Class II and III hazardous locations.

Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III:



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• Pressure Transmitter, Models Series 311Z, 312Z, 314Z, 315Z, 317Z, 330Z, 331Z, 370Z and 1171, rated 9-36V, 4-20mA. Intrinsically Safe when installed per installation drawings 1C1-78-2 and 1C1-79-2 respectively, with barrier meeting Entity Parameters of  $V_{max} = 36Vdc$ ;  $I_{max} = 250mA$ ;  $C_i = 3.2nF$ ;  $L_i = 0uH$ . Temp. Code T4,  $T_a=80\text{ }^\circ C$ .

Class I, Groups A, B, C & D:

• Pressure Transmitter, Models Series 311Z, 312Z, 314Z, 315Z, 317Z, 330Z, 331Z and 370Z, rated 9-36V, 4-20mA. Intrinsically Safe when installed per installation drawings 1C1-80-2 with barrier meeting Entity Parameters of  $V_{max} = 36Vdc$ ;  $I_{max} = 250mA$ ;  $C_i = 3.2nF$ ;  $L_i = 0uH$ . Temp. Code T4,  $T_a=80\text{ }^\circ C$ .

#### **APPLICABLE REQUIREMENTS**

- |  |   |   |
|--|---|---|
| CAN/CSA C22.2 No. 0-M91 (R2001)                  | - | General Requirements - Canadian Electrical Code, Part II                          |
| CSA Std. C22.2 No. 25-1966 Locations             | - | Enclosures for Use in Class II, Groups E, F and G Hazardous Locations             |
| CAN/CSA-C22.2 No. 142-M1987                      | - | Process Control Equipment   |
| CSA Std. C22.2 No. 213-M1987 Hazardous Locations | - | Non-incendive Electrical Equipment for Use in Class I, Division 2                 |
| CAN/CSA-C22.2 No. 157-92 Locations               | - | Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations     |
| CAN/CSA-C22.2 No. 60079-0-07 requirements        | - | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements |
| CAN/CSA-E60079-11-02(R2006) Intrinsic Safety "i" | - | Electrical Apparatus for Explosive Gas Atmospheres - Part 11:                     |
| CAN/CSA-E60079-15-02(R2006) of Protection "n"    | - | Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type                |

#### **MARKINGS**



## *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**

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| <b>Project</b> | <b>Date</b> | <b>Description</b>   |
|----------------|-------------|--|
| 2046357        | 2008/09/30  | Update to include minor report revision and include Models 311N, 311GN, 370N and 370GN for Class I, Div 2 and Class I, Zone 2 Listing. |
| 1804579        | 2006/07/06  | Update to add new transducer Model 370Z.   |

### **History**

### **Supplement Notes**