



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1656556

Master Contract: 229534

Project: 1656556

Date Issued: April 5, 2005

Issued to: **Pyromation Incorporated**
5211 Industrial Rd
Fort Wayne, IN 46825
USA
Attention: **Chris Moritz**

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



Issued by: K. Atkins

Authorized by: 
Nick Alfano
Operations Manager

PRODUCTS

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

Class I, Zone 0/1: Ex ia IIC:

Series 441 temperature transmitters, input rated 8-30 Vdc, 4-20 mA; with entity parameters: $U_i=30V$, $I_i=100mA$, $P_i=750mW$, $L_i=0\mu H$, $C_i=0nF$, intrinsically safe when connected according to Installation Drawing No.M007301; Temperature Code: T6 for maximum ambient temperature of 55°C, T5 for maximum ambient temperature of 70°C and T4 for maximum ambient temperature of 85°C.

Notes: The units are certified as a component for use within an enclosure where the suitability of the final combination is to be determined by authority having jurisdiction. The configuration port shall not be used in hazardous area.



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CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

Class I, Division 2, Groups A, B, C and D:

Series 441 temperature transmitters, SELV or Class 2 unit, input rated 8-35 Vdc, 4-20 mA, maximum ambient temperature of 85°C.

Note: The units are certified as a component for use within an enclosure where the suitability of the final combination is to be determined by authority having jurisdiction. The configuration port shall not be used in hazardous area.

APPLICABLE REQUIREMENTS

- CSA Std C22.2 No. 142-M1987 - Process Control Equipment
- CAN/CSA-E79 No. 0-1995 - Electrical apparatus for explosive gas atmospheres. General Requirements
- CAN/CSA-E79 No. 11-1995 - Electrical apparatus for explosive gas atmospheres. Intrinsic safety "i"
- CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA-C22.2 No. 1010.1-92. Amends 1 and 2 - Safety Requirements For Electrical Equipment For Measurement, Control and laboratory Use: PART 1 General requirements.

MARKINGS

Markings are done on CSA accepted adhesive labels or laser printed on enclosure as in drawing no. 14 05 00 532.