



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1253322

**Master Contract:** 152235

**Project:** 1795076

**Date Issued:** 2006/05/17

**Issued to:** Magnetrol International Inc.

5300 Belmont Rd  
Downers Grove, IL 60515  
USA  
Attention: Mr. Paul Snider

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



**Issued by:** Ron Wildish

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

## PRODUCTS

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

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

Class I, Div 1, Groups B, C and D; Class II, Div 1, Groups E, F, and G; Class III; T6 at max ambient 70°C;  
Type 4X; IP66:

Class I, Div 2, Groups A, B, C, D; Class II, Div 2, Groups E (for Canada only), F, and G; Class III; T4 at max  
ambient 70°C; Type 4X; IP 66:

TA2 Thermal Transmitters consisting of:

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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Thermal Transmitters: Models TA2-abcd-efg

Thermal Probes: Models ThR-ijk0-lmn

TA2 Inline Flow Body Probe, Model TFT-pqrs-000

a = Power: 0, 1 or 2

b = Signal Output: 0 or 1

c = Display: 0 or B

d = Language: 1 or 4

e = Calibration: 0 or 1

f = Housing Location: 3 or 4

g = Housing Material and Conduit Connection: 0

h = Measurement: E or M

i = Sensor Type: R

j = Materials: A or B

k = Process Connection size: 0, 1, 2, 3, 4, B, C or D

l = Process Connection Type: 0, 1, 2, 3, 4, A or B

m = Options: 0

n = Probe Length: Max. Length = 99.9 in (254 cm)

p = Materials: 1 or A

q = Size: 0, 1, 2, 3, 4, 5 or 6

r = Process Connection: 1 or 3

s = Flow Conditioner: 0 or 1

Input rated 120/240 Vac (~), 50/60 Hz, 9 VA; 24 Vdc, 6 W; Max Ambient = 70°C; MWP 1500 psi.

**APPLICABLE REQUIREMENTS**

CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations



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

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

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

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. 60529:05 - Degrees of Protection provided by enclosures (IP Code)

UL Std No. 916-1998 - Energy Management Equipment

UL Std No. 50 (Ed. 11) - Enclosures for Electrical Equipment

UL Std No. 1604-1994 - Electrical Equipment for Use in Class I and II, Division 2; Class III Hazardous (Classified)

UL Std No. 1203 (Ed. 3) - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

ANSI/IEC 60529:2004 - Degrees of Protection provided by enclosures (IP Code)