



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1186166 (LR 34186)

**Master Contract:** 155560

**Project:** 1981991

**Date Issued:** 2007/12/03

**Issued to:** Rosemount Analytical Inc.

Uniloc Division  
2400 Barranca Pky  
Irvine, CA 92606  
USA  
Attention: Jerry Flock

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



**Issued by:** Wesley Van Hill, C.E.T.

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

## **PRODUCTS**

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

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

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

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

Analyzer, Models 81C and 81T, rated input 42.5 Vdc, output 4-20mA. Entity Parameters: Vmax = 30 Vdc,  
Imax = 300mA, Ci = 0.01 uF, Li = 0. Intrinsically safe when connected per installation instruction No 1400174.



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Temp code T3A. Maximum ambient 70 C. Encl. 4.

Model 81 pH, 2-wire transmitter, rated input 42.5 Vdc, output 4-20mA. Entity Parameters:  $V_{max} = 30$  Vdc,  $I_{max} = 300$ mA,  $C_i = 0.008$  uF,  $L_i = 0$ . Intrinsically safe when connected per installation instruction No 1400177. Temp code T3A. Maximum ambient 70 C. Encl. 4.

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

#### **Class I, Div 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III:**

Analyzer, Models 81C and 81T, rated input 42.5 Vdc max., output 4-20mA. Temp code T3A. Ambient 70 C. Type 4 encl.

Two wire transmitter, Model 81 pH, rated 42.5V dc max, output 4-20mA. Temp code T3A. Ambient 70C., Type 4 encl.

### **APPLICABLE REQUIREMENTS**

CSA Standard C22.2 No. 0-M1991 - General Requirements Canadian Electrical Code Part II

CSA Standard C22.2 No. 94-M1991 - Special Purpose Enclosures

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

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

CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations