



# Certificate of Compliance

**Certificate:** 2041384 (033332\_0\_000)

**Master Contract:** 155387

**Project:** 70046725

**Date Issued:** 2015-12-11

**Issued to:** Rosemount Inc.  
6021 Innovation Blvd.  
Shakopee, Minnesota 55379-9795  
USA  
**Attention:** Ismir Pekmic

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



**Issued by:** *John Yam*  
John Yam

## **PRODUCTS**

**CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-**

**CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations**

**CLASS - C225804 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations**

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

## **Part A**

**Class I, Groups B, C and D; Class II, Groups E, F and G; Class III;  
Class I, Division 2, Groups A, B, C and D; Temp Code T3C;  
Ex d IIC, T5; IP 68; Type 4X**

Pressure Transmitters Models 2051C and 2051T and Liquid Level Transmitter Model 2051L, rated 10 - 42.4V dc input with 4-20mA HART output or 9 - 28 Vdc input with 1 to 5V HART output or 39 - 32 Vdc input with Fieldbus or Profibus; MWP of 2,000 psi for model 2051C, 10,000 psi for model 2051T and 1,000 psi for model 2051L; with or without integral LCD meter; Encl. Type 4X, Single Seal.

Notes 1) Models 2051C and 2051L has an option be supplied with an MWP of 4,500 psi  
2) See controlled drawing 03031-1053 for Process Temperature ranges.



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### **Part B**

**Class I, Groups B, C and D; Class II, Groups E, F and G; Class III:  
Class I, Division 2, Groups A, B, C and D; Temp Code T3C:**

Flowmeter models 2051CFA, 2051CFC and 2051CFP rated 10 - 42.4V dc input with 4-20mA HART output or 9 - 28 Vdc input with 1 to 5V HART output or 39 - 32 Vdc input with Fieldbus or Profibus; MWP as per Part A above; Encl. Type 4X; Single Seal.

Note - Refer to Part A above for notes pertaining to transmitter 2051 MWP and process temperature ranges.

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

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

### **Part A**

**Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; Temp. Code T3C;  
Ex ia IIC, T3C; IP68; Type 4X**

Pressure Transmitters Models 2051C and 2051T and Liquid Level Transmitter Model 2051L, rated 10 - 42.4V dc input with 4-20mA HART output or 9 - 28 Vdc input with 1 to 5V HART output or 39 - 32 Vdc input with Fieldbus or Profibus; MWP of 2,000 psi for model 2051C, 10,000 psi for model 2051T and 1,000 psi for model 2051L; with or without integral LCD meter; Encl. Type 4X; Intrinsically safe when installed per submittor's drawing 02051-1008, Single Seal.

Note 1) Models 2051C and 2051L has an option to be supplied with an MWP of 4,500 psi  
2) See controlled drawing 03031-1053 for Process Temperature ranges.

### **Part B**

**Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; Temp. Code T3C:**

Flowmeter models 2051CFA, 2051CFC and 2051CFP, rated 10 - 42.4V dc max input with 4-20mA HART output or 9 - 28 Vdc input with 1 to 5V HART output or 39 - 32 Vdc input with Fieldbus or Profibus; MWP as per Part A above; Encl. Type 4X; Intrinsically safe when installed per submittor's drawing 02051-1008, Single Seal.

Note - Refer to Part A above for notes pertaining to transmitter 2051 MWP and process temperature ranges.



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### **APPLICABLE REQUIREMENTS**

- CAN/CSA C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II
- CAN/CSA C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
- CAN/CSA 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
- CAN/CSA C22.2 No. 142-M1987 - Process Control Equipment
- CAN/CSA C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- CAN/CSA C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA-E60079-0:07 - Electrical Apparatus for Explosive Gas Atmospheres--Part 0: General Requirements
- CAN/CSA-E60079-1:07 - Electrical Apparatus for Explosive Gas Atmospheres--Part 1: Construction and Verification Test of Flameproof Enclosures of Electrical Apparatus
- CAN/CSA-E60079-11-02 - Electrical Apparatus for Explosive Gas Atmospheres--Part 11: Intrinsic Safety "i"
- CAN/CSA C22.2 No. 60529:05 - Degrees of protection provided by enclosures (IP Code)
- ANSI-ISA-12.27.01-2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.



## *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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70046725	2015-12-11	Update to Report 2041384 to include alternate construction changes of 1195 BODY and drawings update to the latest revision for minor changes.
70031322	2015-07-17	Update Report 2041384 for the model 2051 to include the alternate material of construction (Aluminum Alloy 365) based on information submitted under the category program.
2684964	2014-05-07	Covers update to certificate 2041384 to include minor revisions.
2586570	2013-03-14	Update to report to cover use of alternate Fieldbus Microboard.
2502713	2012-04-10	Alternate construction of 2051 series of transmitters to include use of alternate HART 7 option for 4 -20 mA pcb and low voltage (1 - 5 V) pcb; and alternate I.S. sensor pc board "V".
2418969	2011-04-29	Update to report to include Profibus option
2213821	2009-10-07	Update of report 2041384 for 2051 Transmitters to include additional Flow element types 2051CFA, CFC and CFP.
2194061	2009-08-21	Update report 2041384 to include the 2051 Pressure Transmitters revised drawing for changing PRT on Sensor Board and to review Category Test Report.
2136806	2009-02-25	Update report 2041384 to include Single Seal markings for the Models 2051C, 2051T and 2051L as per ANSI/ISA 12.27.01-2003, testing performed under category program.
2041384	2008-07-28	Certification of 2051C, 2051T and 2051L pressure switch for use in Hazardous Locations.