



Certificate of Compliance

Certificate: 2009485

Master Contract: 232422

Project: 2686509

Date Issued: December 11, 2013

Issued to: Alicat Scientific Inc.

7641 N. Business Park Dr

Tucson, AZ 85743

USA

Attention: David Lashbrook

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Bill Giesbrecht

Issued by: Bill Giesbrecht, ASCT

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

Ex nA IIC, T4

Class 1, Zone 2 AEx nA IIC, T4

Class I, Division 2, Group A, B, C and D, T4

Tamb. -40°C to +50°C

M Series; Mass Flow Instruments, Electrical Rating: 24Vdc, 0.800A max

P Series; Pressure Instruments, Electrical Rating: 24Vdc, 0.800A max

Note:

- M & P Series Instruments shall be powered by a CSA Certified, UL Listed Class II external power supply, suitable for the application.
- M & P Series Instruments shall be housed in an enclosure with a minimum IP54 rating or location providing equivalent protection.



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- M & P Series Instruments final installation shall be approved by the local authority having jurisdiction

APPLICABLE REQUIREMENTS

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

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

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

CSA E60079-0, 1st Ed. - Electrical apparatus for explosive gas atmospheres - Part 0, General Requirements

CSA E60079-15-02 - Electrical apparatus for explosive gas atmospheres, Type of protection "n"

CAN/CSA-C22.2 No. 60529:05 - Degrees of protection provided by enclosures

ANSI/UL Standard 50, 11th Ed. - Enclosures for Electrical Equipment.

ANSI/UL Standard 508, 17th Ed. - Industrial Control Equipment.

ANSI/UL Standard 698, 12th Ed. - Industrial Control Equipment For Use in Hazardous (Classified) Locations.

UL Standard 1604, 3rd Ed. - Electrical Equipment For Use in Class I and II, Div. 2, Class III Hazardous Locations.

UL 60079-0, 1st Ed. - Electrical apparatus for explosive gas atmospheres - Part 0, General Requirements

UL 60079-15, 1st Ed. - Electrical apparatus for explosive gas atmospheres, Type of protection "n"

ANSI/ISA-12.12.01-2007 - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations