



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1210506 (LR 44092)

Master Contract: 152450

Project: 2110466

Date Issued: 2009/02/06

Issued to: Micro Motion Incorporated

7070 Winchester Cir
Boulder, CO 80301
USA

Attention: Mr. Ray C. Stengl

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.



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

Authorized by: Patricia Pasemko, Operations Manager

PRODUCTS

- CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
- CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards
- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S.



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Standards

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - To US Requirements

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

Model 3500 Batch Controller, rack mount, input rated 18-30Vdc, 85-250Vac, 45-65Hz, 20 Watts max for use in Class I, Division 2; Max ambient 60°C; Temp Code T4A; Provides non-incendive outputs for Class I, Division 2, Groups A, B, C and D also provides I.S. outputs for Class I, Division 1, Groups C and D; Class II, Groups E, F and G for connection to Flow Sensors.

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

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - To US Requirements

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

Model 3500 Batch Controller, rack mount, input rated 18-30Vdc, 85-250Vac, 45-65Hz, 20 Watts max for use in Class I, Division 2; Max ambient 60°C; Temp Code T4A; Provides non-Incendive outputs for Class I, Division 2, Groups A, B, C and D also provides I.S. outputs for Class I, Division 1, Groups C and D; Class II, Groups E, F and G for connection to Flow Sensors, Sensors are intrinsically safe when connected per installation instructions Type CSA-D-IS.

Notes:

- The subject equipment is certified as a component, intended for rack or panel mounting. An appropriate enclosure is to be provided in the end use application, where the suitability of the final combination is to be determined by CSA International.
- Model numbers may include alphanumeric suffixes denoting minor mechanical variations software configurations and other codes not affecting certification.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 0-M91 - General Requirements □ Canadian Electrical Code Part II.

CSA Standard C22.2 No 0.4-04 - Bonding and Grounding of Electrical Equipment (Protective Grounding)

CSA Standard C22.2 No 0.5-1982 - Threaded Conduit Entries



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

CSA Standard C22.2 No 94-M91 - Special Purpose Enclosures

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

CSA Standard C22.2 No 157-92 - 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.

UL 50, Eleventh Edition - Enclosures for Electrical Equipment

UL 508, Seventeenth Edition - Industrial Control Equipment.

UL 913, Fifth Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations

UL 1203, Fourth Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

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



Supplement to Certificate of Compliance

Certificate: 1210506

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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

Project	Date	Description
2110466	2009/02/06	Update of report 1210506 for Model 3500 to include PCB updates due to electronic component obsolescence
1714344	2005/10/14	Addition of Model 800 Core Processor to previously approved transmitters.
1672159	2005/05/17	Update to file 1210506 to include additional drawing.

History

LR 44092-124 - October 10, 1997 - Original Certification.

LR 44092-144 - July 19, 1999 - Addition of 9-Wire DSP, APPS Board and Custody Transfer Board for T-Series Sensors. Also NRTL for T-Series transmitter modifications only.

1210506 - May 31, 2001 - Supercedes LR 44092-124 to remove Description and Testing of Sensors to their own certificates and addition of Certification to US Requirements and update drawing set.

1321149 - August 9, 2002 - Update to 1210506 to include ability to interface to Model 700 Core Processor as well as new APPS board.

1393424 - January 27, 2003 - Update to 1210506 to include revised figures and Report corrections

1423489 - March 2, 2003 - Update to 1210506 to include alternate construction and revised drawings for the APPS board and 4-Wire board

1490540 - February 4, 2004 - Update to 1210506 to include revised drawings, alternate zener diodes and Bill of materials for the 4-Wire board.