

Certificate of Compliance

Certificate: 1210506 (LR 44092-124)

Master Contract: 152450

Project: 1490540 (Edition 7)

Date Issued: February 4, 2004

Issued to: **Micro Motion Incorporated**
7070 Winchester Circle
Boulder, CO 80301
USA

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



Issued by:



Jay R McVeigh

Authorized by:



Patricia Pasemko
Operations Manager

CLASS

2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

PRODUCTS

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.

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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CLASS

2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - To US Requirements

PRODUCTS

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:

1. 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.
2. Model numbers may include alpha-numeric suffixes denoting minor mechanical variations software configurations and other codes not affecting certification.

APPLICABLE REQUIREMENTS

- | | |
|-------------------------------|--|
| CSA Standard C22.2 No 0-M1991 | - General Requirements - Canadian Electrical Code Part II. |
| 0.4-M1982 | - Bonding and Grounding of Electrical Equipment (Protective Grounding). |
| 0.5-M1992 | - Threaded Conduit Entries |
| 25-M1966 | - Enclosures for Use in Class II Groups E, F and G Hazardous Locations. |
| 94-M1991 | - Special Purpose Enclosures. |
| 142-M1987 | - Process Control Equipment. |
| 157-M1992 | - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations. |
| 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, Second Edition | - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations. |
| UL 1604, Third Edition | - Electrical Equipment for Use in Class I and II, Division 2, And Class III Hazardous (Classified) Locations. |



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

Project	Date	Description
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	Supersedes 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.