



Certificate of Compliance

Certificate: 2345389

Master Contract: 251223

Project: 2593971


Date Issued: January 18, 2013

Issued to: Measurement Technology Ltd
Great Marlings, Butterfield, Luton
Bedfordshire, LU2 8DL
UNITED KINGDOM

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: Jocelyn Jens
Technical Assistant

Authorized by: 
Lindsay Clark
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 4871 01 - TELECOMMUNICATION EQUIPMENT

CLASS 4871 81 - TELECOMMUNICATION EQUIPMENT - Certified to US Standards

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

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

Serial I/O Module, SIO Series:

Model: SIO-110DX, rated 10.8-30Vdc, 300mA, Tcode T5.

Model: SIO-120AI, rated 10.8-30Vdc, 900mA, Tcode T5.

Model: SIO-130AO, rated 10.8-30Vdc, 900mA, Tcode T5.

Class I, Division 2, Groups A, B, C, D; Temperature Code T6; Ta -40°C to +60°C

Radio Telemetry Units, Model WMO-900S, rated 10-30 Vdc or 10-24 Vac, 1.5A.

Class I, Division 2, Groups A, B, C, D; Temperature Code T4A; Ta -40°C to +60°C

Radio Telemetry Units, Models WIO-900LR, rated 9-30 Vdc, 250 mA (L-Receiver), and WIO-900LT rated 9-30 Vdc, 600 mA (L-Transmitter).



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Note: Units must be installed in an enclosure suitable for the environment. Interior of Enclosure must only be accessible with the use of a tool.

APPLICABLE REQUIREMENTS

- | | | |
|---|---|---|
| CSA C22.2 No. 0-M91 | - | General Requirements - Canadian Electrical Code, Part II. |
| CSA C22.2 No. 213-M87 | - | Non Incendive Electrical Equipment for use in Class I, Division 2 Hazardous Locations. |
| FM 3600, Nov. 1998 | - | Approval Standard for Electrical Equipment for use in Hazardous Locations General Requirements. |
| FM 3611, Oct. 1999 | - | Non Incendive Electrical Equipment for Use in Class I, Division 2, and Class III, Division 1 and 2, Hazardous (Classified) Locations. |
| ANSI/ISA S12.12.01-2000 | - | Non Incendive Electrical Equipment for Use in Class I, Division 2, and Class III, Division 1 and 2, Hazardous (Classified) Locations. |
| CSA C22.2 No. 60950-00 | - | Safety of Information Technology Equipment Including Electrical Business Equipment. |
| ANSI/UL Std. No. 60950, 3 rd Ed. | - | Safety of Information Technology Equipment Including Electrical Business Equipment. |

MARKINGS

Marking shall be on a CSA approved, metallic or non-metallic, adhesive label or embossed or die-stamped, cast, molded, etched or the equivalent, in the enclosure material.

1. Manufacturer's name: "Measurement Technology Ltd", or CSA Master Contract Number "251223", adjacent to the CSA Mark in lieu of manufacturers name.
2. Model number: As specified in the PRODUCTS section, above.
3. Electrical ratings: As specified in the PRODUCTS section, above.
4. Ambient temperature rating: As specified in the PRODUCTS section, above.
5. Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
6. The CSA Mark with or without "C" and "US" indicators, as shown on the Certificate of Conformity.
7. Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
8. Temperature code: As specified in the PRODUCTS section, above.
9. The following words:
"WARNING - EXPLOSION HAZARD - Do not connect while circuit is live unless area is known to be nonhazardous."
10. Instructional Material shall contain the following statements:
 - "WARNING - EXPLOSION HAZARD - Substitution of components may impair suitability for Class I, Division 2."
 - "THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS I DIVISION 2 GROUPS A, B, C AND D OR NON HAZARDOUS LOCATIONS ONLY".

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



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PRODUCTS

CLASS 2258 02 - Process Control Equipment - For Hazardous Locations

CLASS 2258 82 - Process Control Equipment - For Hazardous Locations - Certified to US Standards

Class I, Division 2, Groups A, B, C and D; T4, Tamb -40°C to +60°C

Model Series WLN-2000 Wireless Ethernet modems

Input Ratings: Supply 9-30VDC; 1A

Notes:

1. Supply to be Class 2 Power Supply only.
2. Wireless Ethernet modems must be installed in a suitable enclosure that provides mechanical, shock and fire hazard protection.
3. Wireless Ethernet modem enclosure's metal base must be mounted as part of a bonded structure.

CONDITIONS OF ACCEPTABILITY

For Rack-Mounted Equipment, Trained Personnel Installed Equipment and Components:

All such units are certified as components of other certified equipment where the suitability of each combination is to be determined by CSA.

APPLICABLE REQUIREMENTS

- | | |
|---------------------------|---|
| CSA C22.2 No 0-M10 | - General Requirements, Canadian Electrical Code, Part II |
| CSA-C22.2 No. 213-M1987 | - Non-Incendive Electrical Equipment for Use in Class I, Division 2
Hazardous Locations (Industrial Products) |
| CSA-C22.2 No. 60950-1-07 | Information Technology Equipment-Safety-Part : General Requirements |
| ANSI/ISA 12.12.01 - 2007 | - Non-Incendive Electrical Equipment for Use in Class I and II, Division 2,
Class III Divisions 1 and 2 Hazardous (Classified) Locations |
| UL 60950-1 Second Edition | - Information Technology Equipment-Safety-Part : General Requirements |

MARKINGS

1. Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
2. Catalogue / Model designation.
3. Complete electrical rating (amps, hertz, and volts).
4. Date code / Serial number traceable to month and year of manufacture.
5. Hazardous Location designations.
6. The statement: "For use only with a Class 2 Power Supply"
7. Temperature code
8. Ambient Temperature Range
9. The CSA Mark with C and US subscripted.
10. The following cautions:

**WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS
AREA IS KNOWN TO BE NON-HAZARDOUS.**



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Can be stated in Manufacturer's Manual

WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.

WARNING - THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C AND D OR NON HAZARDOUS LOCATIONS ONLY.

Note: Some jurisdictions in Canada require Cautions and Warnings to also be in French. It is the responsibility of the Customer to provide bilingual marking, where applicable, in accordance with the requirements of the local regulatory authorities. It is the responsibility of the Customer to determine this requirement and have bilingual wording added to the "Markings".



Supplement to Certificate of Compliance

Certificate: 2345389 (2593971)

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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
2345389	Sept. 15, 2010	Original Certification. Model comparison for Elpro Technologies P/L. Report Numbers 215080-1332310 and 215080-1965361. (Alt File No. 251223, Form B)
2593971	Jan. 18, 2013	Update Multiple Listing to include Model Series 245U-E / WLN-200.

Multiple Listing Project No	Listee Models	Submittor Models	Submittor Project No
2345389	SIO-110DX	115S-11	1965361
2345389	SIO-120AI	115S-12	1965361
2345389	SIO-130AO	115S-13	1965361
2345389	WIO-900LT	905U-LT	1332310
2345389	WIO-900LR	905U-LR	1332310
2345389	WMO-900S	905U-D	1332310
2593971	WLN-2000 Series	245U-E Series	2425668 (Ed. 2)