



Certificate of Compliance

Certificate: 1299022

Master Contract: 156625

Project: 70119460

Date Issued: 2017-03-14

Issued to: Greyline Instruments Incorporated
16456 Sixsmith Dr.
Long Sault, Ontario K0C 1P0
CANADA
Attention: Michael Blackadder

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: *David Whitaker*
David Whitaker

PRODUCTS

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

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive-Systems-For Hazardous Locations-Certified to U.S. Standards

Class I, Groups C and D; Class II, Groups E, F and G; Class III:

- Ultrasonic Transducer, Model QZ-A, rated 10 V, 50mA. Intrinsically safe when connected to Certified Safety Barriers, rated 9.6V max and 27 ohms min., per Installation Dwg QZSPEC-081501-CSA-01. Type 4 Enclosure.
- Velocity Ultrasonic Transducer, Model QZ02**, rated 10 V, 50mA. Intrinsically safe when connected to Certified Safety Barriers, rated 9.6V max and 27 ohms min., per Installation Dwg QZSPEC-012004-CSA-02. Type 4 Enclosure.



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APPLICABLE REQUIREMENTS

- CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II
- CSA C22.2 Std. 25-1996 - Enclosures for Use in Class II, Groups E, F and G
- CSA C22.2 Std. 94-M91 - Special Purpose Enclosures (Industrial Products)
- CSA C22.2 Std. 142-M87 - Process Control Equipment
- CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- UL Std. No. 50, 11th Ed. - Electrical Enclosures
- UL Std. No. 913, 7th Ed. - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations
- UL Std. No. 916, 4th Ed. - Energy Management Equipment



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
70119460	2017-03-14	Update to include an alternate cable.
70052039	2016-01-29	Update to include an alternate SST enclosure and to update the description of the report.
2277213	2010-03-10	Update to cover minor drawing revision.
2166674	2009-05-26	Update to QZ02** transducer to include optional extended length enclosure and minor drawing revisions.
1635074	2005-03-22	Update to include Alternative Model QZ02** and inclusion of C us Certification for installation hazardous locations (I.S)