



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1043092 (LR 90117)

Master Contract: 155976

Project: 1856928

Date Issued: 2007/04/14

Issued to: Galvanic Applied Sciences Inc

7000 Fisher Rd SE
Calgary, AB T2H 0W3
Canada
Attention: Peter Hearnden

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



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 I, Division 1, Groups B, C and D, Temp Code T3; T1 with Vaporizing Regulator.

Model 801XP, H2S and Total Sulphur Analyser, rated 10-32 Vdc, 3 A max., or rated 110/220 Vac, 3 A max, 50/60 Hz for H2S Analyser and 10 A max for Total Sulphur Analyser

Model 802 D1 H2S and Total Sulphur Analyser, rated 10-32Vdc, 3A max or rated 110/220 Vac, 3A max 50/60Hz for H2S Analyser and 10A max for Total Sulphur Analyser

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 I, Division 2, Groups B, C and D; Temp Code T3; T1 with Vaporizing Regulator.

Model 801D2, and 902D2, H2S and Total Sulphur Analyser, rated 10-32 Vdc, 3 A max., or 100/240 Vac, 3 A max., 50/60 Hz for H2S Analyser and 10 A max for Total Sulphur Analyser.

Model 801W, H2S Analyser rated 10-32 Vdc, 3 A max., or 100/240 Vac, 3 A max., 50/60 Hz.

Model 802 D2 H2S and Total Sulphur Analyser, rated 10-32Vdc, 3A max; or 100/240 Vac, 3 A max., 50/60 Hz for H2S Analyser and 10 A max for Total Sulphur Analyser.

Model 802W, H2S Analyser rated 10-32 Vdc, 3 A max., or 100/240 Vac, 3 A max., 50/60 Hz.

Class I, Division 1, Groups C and D; Temp Code T3; T1 with Vaporizing Regulator.

Model 902MX, H2S Analyser, rated 24 Vdc, 3 A max., or 100/240 Vac, 3 A max., 50/60 Hz

Model 902TS, H2S and Total Sulphur Analyser, rated 120 Vac, 10 A max., 50/60 Hz.

Class I, Division 1, Groups B, C and D, Temp Code T3; T1 with Vaporizing Regulator.

Model 902BX, H2S Analyser, rated 24 Vdc, 3 A max., or 100/240 Vac, 3 A max., 50/60 Hz

Model 902BX, Total Sulphur Analyser 120/240 Vac, 10A max, 50/60Hz

1. The suffixes "AC", following the model number indicates the analyser is the AC version of the product.

2. Models 801XP, 802D1, 801D2, 802D2, 902MX, 902TS, 902D2 & 902BX may include finned convection heaters Type CFA T3 rated 100 to 270 Vmax., 150 Watts; Class I, Division 1, Groups A, B, C and D; Temperature Code T3 or Type CDA T3 rated 100 to 270 Vmax., 180 Watts; Class I, Division 1, Groups A, B, C and D; Temperature Code T3

APPLICABLE REQUIREMENTS

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

CSA Standard C22.2 No.0.4-M2004 - Bonding and Grounding of Electrical Equipment (Protective Grounding)

CSA Standard C22.2 No. 0.5-M1982 – Threaded Conduit Entries

CSA Standard C22.2 No. 30-M1986 – Explosion-Proof Enclosures for Use in Class I Hazardous Locations

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

CSA Standard C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations



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

UL Standard 508, Seventeenth Edition – Industrial Control Equipment

UL Standard 698, Twelfth Edition - Industrial Control Equipment for Use in Hazardous (Classified) Locations

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

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

UL Standard 1604, Third Edition - Electrical Equipment for Use in Class I and II, Division 2, And Class III Hazardous (Classified) Locations.