



Certificate of Compliance

Certificate: 1930869

Master Contract: 235646

Project: 2634181

Date Issued: June 7, 2013

Issued to: Envent Engineering Ltd
7060 E Farrell Road S E
Calgary, AB T2H 0T2
Canada
Attention: Amber Ryder

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.



James Lim

Issued by: James Lim

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 02- PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1, Groups B, C and D:

Model 330, 330S and 330SDS H2S Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C. Dual Seal, MWP 2 PSI.

Notes: 1) Equipment is only acceptable for use in Class I, Division 1, Groups C and D when provisioned with Model XFA2 Pressure Switch. 2) The Dual Seal MWP rating is applicable to the Sample Gas pressure present at the Heating Chamber Assembly. Models may have an optional pressure sensor installed which is separately identified as being Dual Seal, MWP 500 PSI.

Class I, Division 1, Groups B, C and D:

Model 330, 330S and 330SDS Total Sulphur Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C. Dual Seal, MWP 2 PSI.



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Note: The Dual Seal MWP rating is applicable to the Sample Gas pressure present at the Heating Chamber Assembly. Models may have an optional pressure sensor installed which is separately identified as being Dual Seal, MWP 500 PSI.

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

Model 331, 331S and 331SDS H₂S Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code = T3C; Ambient Temperature Range 0°C to +50°C.

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

Model 331, 331S and 331SDS Total Sulphur Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C.

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

Class I, Division 1, Groups B, C and D:

Model 330, 330S and 330SDS H₂S Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C.

Note: Equipment is only acceptable for use in Class I, Division 1, Groups C and D when provisioned with Model XFA2 Pressure Switch.

Class I, Division 1, Groups B, C and D:

Model 330, 330S and 330SDS Total Sulphur Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C.

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

Model 331, 331S and 331SDS H₂S Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code = T3C; Ambient Temperature Range 0°C to +50°C.

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

Model 331, 331S and 331SDS Total Sulphur Analyzer, rated 12 – 24VDC or 100-240VAC 50/60Hz, 5A Max.
Temperature Code – T3C; Ambient Temperature Range 0°C to +50°C.

APPLICABLE REQUIREMENTS



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CSA Standard C22.2 No. 0-10 - General Requirements Canadian Electrical Code Part II.

CSA Standard C22.2 No.0.4-M2004 - Bonding of Electrical Equipment.

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

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

ANSI-ISA 12.27.01-2011 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

UL Standard 508, Seventeenth Edition – Industrial Control Equipment.

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

ANSI/ISA–12.12.01–2011 – Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations.

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