



Certificate of Compliance

Certificate: 1153379

Master Contract: 205470

Project: 2267489

Date Issued: 2010/02/05

Issued to: Zedi Canada Inc

1855 94 Street NW, Suite 101
Edmonton, AB T6N 1E6
Canada
Attention: Jeff Duan

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.



Wesley Van Hill, C.E.T.

Issued by: Wesley Van Hill, C.E.T.

PRODUCTS

- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards
- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Class I, Division 1, Groups C & D:

Part A:

Smart-Alek data logger & transmitter, Models SA100, SA1.X ORBCOMM, SA200, SA1.X CDPD (MWP 3000 or 10,000 psi), Battery Operated; provides Intrinsically Safe connections for passive antenna Models 550 and 551, passive RTD assembly Model 552, and Intrinsically Safe solar panel Model 522, rated 21.0 Voc, 0.37 A Isc, 5 W max.

Part B:

Smart-Alek data logger & transmitter, Model SA2000 (MWP 10,000 psi); Single Seal for SA2000 Smart-Alek with approved sensors; Battery Operated; provides Intrinsically Safe connections for passive antenna Models 65X, passive RTD assembly Model 61X, and non-incendive Class I, Div. 2 rated solar panels Model 622, rated



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24.8 Voc, 0.396 A Isc, 5 W max; Model 620, rated 22.9 Voc, 0.39 A Isc, 5 W max; Model 621, rated 21.9 Voc, 0.44 A Isc, 5 W max or 2 X 5W option when connected to Model 620 or 621 Solar Panels per drawing 12397 with Model 641 IS Barrier; may provide non-incendive connections for Class I, Div. 2 rated Model 660 Pressure Sensor (MWP 0-400 Bar); may provide intrinsically safe connections for Class I, Div. 1 rated Model 661 Pressure Sensor (MWP 0-400 Bar); may provide intrinsically safe 2 wire RS485 data connection and Pulse / Contact I/O when connected per drawing 12397, may provide non-incendive connections to Class I, Div. 2 rated Model 63X external modem unit. SA2000 ambient rated -40°C to +60°C

Part E: External Modem Model 631, ambient rated -40°C to +60°C internally battery operated provide intrinsically safe connections to Div.1 rated Model SA2000, provides non-incendive connections for passive antenna Models 65X and solar panel Model 622, 620 or 621 when connected per drawing 12397.

Note: The X in the RTD and Antenna model designation above may be any alphanumeric character that denotes antenna style or RTD probe length.

Class I, Division 2, Groups C & D:

Part C:

Smart-Alek data logger & transmitter, Model SA2000 (MWP 10,000 psi); Single Seal for SA2000 Smart-Alek with approved sensors; Internally Battery Operated or Externally Powered By Model 110 Non-Incendive Battery Unit; provides non-incendive connections for Class I, Div. 2 rated passive RTD assembly Model 61X, Intrinsically Safe connections for passive antenna Models 65X and non-incendive Class I, Div. 2 rated solar panel Model 622, rated 24.8 Voc, 0.396 A Isc, 5 W max , Model 620, rated 21.0 Voc, 0.37 A Isc, 5 W max OR Model 621, rated 21.9 Voc, 0.44 A Isc. SA2000 ambient rated -40°C to +60°C

Part D: External Modem Model 630, Enc Type 4, internally battery operated provide intrinsically safe connections to Div.1 rated Model SA2000, provides non-incendive connections for passive antenna Models 65X and solar panel Model 622, rated 24.8 Voc, 0.396 A Isc, 5 W max , Model 620, rated 22.9 Voc, 0.39 A Isc, 5 W max OR Model 621, rated 21.9 Voc, 0.44 A Isc.

Part F: External Battery Model 690, Enc Type 4, internally battery operated provide intrinsically safe connections to Div.1 rated Model SA2000, provides non-incendive connections for passive antenna Models 65X and solar panel Model 622, Model 620 OR Model 621 when connected per drawing 12397.

Note: The X in the RTD and Antenna model designation above may be any alphanumeric character that denotes antenna style or RTD probe length.

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



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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

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 Edition - ExplosionProof and DustIgnitionProof 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.

ANSI/ISA 12.27.01-2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.