



Certificate of Compliance

Certificate: 1647478

Master Contract: 217005

Project: 2351534

Date Issued: November 3, 2010

Issued to: RAE Systems, Inc.
3775 North First St
San Jose, CA 95134
USA
Attention: James Pan

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.



Donald Theroux

Issued by: Donald Theroux

PRODUCTS

CLASS 4828 82 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations. Certified to U.S. Standards

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations

Class I; Division 1; Group A, B, C, D; T4

- Model PRM 3000, GammaRAE II Personal Radiation Detector, rated 3 Vdc. Ambient -20 °C to +50 °C, Intrinsically safe when powered by Duracell MN1500 or Energizer E91
- Model PRM 3020, NeutronRAE II Personal Radiation Detector, rated 3 Vdc. Ambient -20 °C to +50 °C, Intrinsically safe when powered by Duracell MN1500 or Energizer E91
- Model PRM 3040, GammaRAE II R Personal Radiation Detector, rated 3 Vdc. Ambient -20 °C to +50 °C, Intrinsically safe when powered by Duracell MN1500 or Energizer E91

APPLICABLE REQUIREMENTS

CAN/CSA Standard C22.2 No. 0-M91 (*Reaffirmed 2006*) - General Requirements - Canadian Electrical Code, Part II



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CSA Standard C22.2 No. 145-M1986 (*Reaffirmed 2004*) - Motors and Generators for Use in Hazardous Locations and Class I Groups C and D, Class II Groups E, F and G

CAN/CSA Standard C22.2 No. 157-92 (*Including update No. 2, June, 2006*) - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

ANSI/UL Standard 913 (*Sixth Edition, Dated August 8, 2002. With revisions through and including August 9, 2004*) - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

UL Standard 916 (*Fourth Edition, Dated December 17, 2007*) - Energy Management Equipment

MARKINGS

Markings appear on nameplate 047-41XX-XXX. This label uses CSA certified and UL Recognized adhesive-type material Flexcon THERMLfilm Select 21830 (CSA File 99214 Class 7922-01 and UL File MH16635) or Brady B-423 (CSA File 41833 Class 7921-04 and UL File MH10939).

- Submitter's identification
- Model designation or equivalent
- Complete electrical rating (List of acceptable batteries)
- Applicable hazardous locations designation - Class I; Division 1; Groups A, B, C and D;
- Temperature Code – T4
- Serial Number or date code
- CSA Monogram with c/us indicator as shown on the Certificate of Compliance.
- WARNING: DO NOT CHANGE BATTERIES IN A HAZARDOUS LOCATION.
- WARNING: - DO NOT MIX OLD/NEW OR DIFFERENT TYPE BATTERIES.
- WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. (May be in User Manual)

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".