



Certificate of Compliance

Certificate: 1963909

Master Contract: 217005

Project: 70009921

Date Issued: March 27, 2015

Issued to: RAE Systems, Inc.
3775 North First St
San Jose, California 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.



Issued by: Gary Benden
Gary Benden

PRODUCTS

CLASS - C482802 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations
CLASS - C482882 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations
Certified to U.S. Standards

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

- Model PGM 1700, ToxiRAE III or ToxiRAE 3, Personal Toxic Gas Monitor, $-20\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$, Intrinsically safe when powered by Eve ER14335 3.6 V battery.



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APPLICABLE REQUIREMENTS

C22.2 No. 142-M1987 <i>Reaffirmed 2009</i>	Process Control Equipment
CAN/CSA-C22.2 No. 61010-1-12 <i>Third Edition – May 2012</i>	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements
C22.2 No. 157-92 <i>Reaffirmed 2012</i>	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
ANSI/UL 913 <i>Eighth Edition – December 2013</i>	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
ANSI/UL 916 <i>Fourth Edition – December 2007</i>	Energy Management Equipment

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings are required.

- Manufacturer's name: "RAE Systems", or CSA Master Contract Number "217005", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model number: As specified in the PRODUCTS section, above.
- Electrical ratings: As specified in the PRODUCTS section, above.
- The words: "Only use EVE ER14335 battery."
- Ambient temperature rating: As specified in the PRODUCTS section, above.
- Applicable hazardous locations designation: Class I; Division 1; Groups A, B, C and/or D; (may be abbreviated as Class I, Div 1, Gr. A, B, C, D).
- Temperature Code: T4
- Serial Number or date code, traceable to year and month of manufacture.
- The CSA Mark with or without "C" and/or "US" indicators as shown on the Certificate of Compliance.
- The following words: "Exia", "Intrinsically Safe", and "Sécurité Intrinsèque"
- Warning: Read user's manual for intrinsic safety precautions.
- WARNING: DO NOT CHANGE BATTERY IN A HAZARDOUS LOCATION. (May be in User Manual)
- WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. (May be in User Manual)



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Markings appear on nameplate G01-4001-000-CSA. This label uses CSA certified adhesive-type material Flexcon THERMLfilm Select 21830 or Brady B-423.



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
70009921	Mar 27, 2015	Update of report 1963909 to include alternate vibrators, update UL 913 to Ed. 8, and evaluate to CSA 61010-1 Ed. 3.
1963909	Nov 7, 2007	Original certification of ToxiRAE III as intrinsically safe, portable Toxic gas detector for Class I, Division 1.