



Certificate of Compliance

Certificate: 2544463

Master Contract: 217005

Project: 2544463

Date Issued: February 4, 2013

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

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.



Scott Wallace

Issued by: Scott Wallace

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, Div. 1, Groups A, B, C and D:

- RRA 2000, RAEPoint Fixed Wireless Router or Wireless Switch (Host/Slave) or Gateway. Input 12-28Vdc, 2.4W max; output 4-20mA. Ambient is -20°C to +55°C.

Condition of Acceptability

The threaded coaxial connector external to the enclosure shall only be fitted with a dedicated antenna and shall not be used to supply an external, intrinsically safe circuit.

APPLICABLE REQUIREMENTS



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CAN/CSA C22.2 No. 0-10	General Requirements-Canadian Electrical Code, Part II
CSA C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 142-M1987	Process Control Equipment
CSA C22.2 No. 157-92	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
UL 916, Third Edition	Energy Management Equipment
UL 1203, Fourth Edition	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 913, 7th Edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Div 1, Hazardous Locations

MARKINGS

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

The following markings are provided with an engraved 0.5 mm thick stainless steel plate on the enclosure:

- 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.
- Ambient temperature rating: As specified in the PRODUCTS section above.
- Temperature code: As specified in the PRODUCTS section above. (Temperature code T6 & T5 are optional)
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- Enclosure Type Ratings: As specified in the PRODUCTS section above.
- The CSA Mark with or without "C" and "US" indicators, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
- The designation "GND" or equivalent adjacent to the equipment ground terminal. (if applicable)
- The following caution:
 - "DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT, REFER TO USER MANUAL FOR ENTRY TYPE AND SIZE"

The following statements must be in the manual:

- "WARNING": WIRELESS COMMUNICATION IS INTENDED FOR USE AS A SECONDARY REMOTE ALARM STATUS NOTIFICATION ONLY. PRIMARY ALARMING OF COMBUSTIBLE GAS HAZARDS IS PROVIDED LOCALLY BY DETECTOR.

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



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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"