



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:  issue No.:

Status:

Date of Issue: **2010-06-17** Page 1 of 3

Applicant: **RAE Systems, Inc**  
3775 North First St  
San Jose, CA 95134  
**United States of America**

Electrical Apparatus: **Portable Handheld VOC Monitors**  
*Optional accessory:*

Type of Protection: **Ex ia IIC/IIB Gb T4 -20°C Ta +50°C**

Marking:

- The name of the manufacturer
- The manufacturer's type identification;
- A serial number
- IECEX CSA 10.0005
- Ex ia IIC/IIB T4 Gb
- -20°C Ta +50°C
- Use only replaceable battery pack" followed by the manufacturer and the manufacturer's type identification of the replaceable battery pack.  
The replaceable battery packs shall be marked on the outside of the battery pack with the following:
- Manufacturer;
- Manufacturer's type identification;
- The words "Use only on..." followed by the type identification of the intended equipment.

*Approved for issue on behalf of the IECEX  
Certification Body:* Dave Adams

*Position:* Technical Advisor

*Signature:*  
*(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEX Website](http://www.iecex.com).

Certificate issued by:

**CSA International**  
**178 Rexdale Boulevard**  
**Toronto, Ontario M9W 1R3**  
**Canada**  
**and**  
**1707 - 94th Street**  
**Edmonton, AB T6N 1E6**  
**Canada**





# IECEx Certificate of Conformity

Certificate No.: IECEx CSA 10.0005

Date of Issue: **2010-06-17**

Issue No.: **0**

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Manufacturer: **RAE Systems, Inc**  
3775 North First St  
San Jose, CA 95134  
**United States of America**

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2004** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
Edition: 4.0

**IEC 60079-11 : 2006** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition: 5

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[CA/CSA/ExTR10.0005/00](#)

Quality Assessment Report:

[NO/DNV/QAR06.0003/02](#)

[NO/DNV/QAR06.0004/02](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Portable Handheld VOC Monitors - MiniRAE 3000 (PGM 7320), ppbRAE 3000 (PGM 7340), MiniRAE Lite (PGM 7350), UltraRAE 3000 (PGM 7360)

### CONDITIONS OF CERTIFICATION: NO