



Honeywell

EU Declaration of Conformity

In accordance with EN ISO / IEC 17050-1:2010

ToxiRAE Pro (PGM-1800, PGM-1820, PGM-1860)

Declaration Number: 2004Y0126_05

Description: Wireless Personal Single Gas Monitor

Intended Use: Detection of VOC's, CO2 toxic and combustible gases with interchangeable sensors

Manufacturer: **RAE Systems Inc., A Honeywell Company**, 1349 Moffett Park Drive, Sunnyvale, California, 94089, USA

Trading Company: **Life Safety Distribution GmbH**, Javastrasse 2, 8604 Hegnau, Switzerland

We hereby declare that the product identified above meets the requirements of the following EU Directives and therefore qualifies for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA). This declaration is issued under the sole responsibility of the manufacturer.

ToxiRAE Pro - PGM-1800, PGM-1820, PGM-1860

ATEX Directive 2014/34/EU

ATEX Hazardous

Notified Body: CSA Group Netherlands
Utrechtseweg 310, Building B42, 6812 AR Arnhem, Nederland

Notified Body Number: 2813

EC Certificate Number: Sira 10ATEX2189X

Conforms to:

EN 60079-0:2012/A11:2013

Explosive atmospheres. General requirements

EN 60079-11:2012

Explosive atmospheres. Equipment protection by intrinsic safety "i"

Type Approval:



II 1G

Ex ia IIC T4 Ga

(-20°C ≤ Tamb ≤ +55°C)

ToxiRAE Pro PGM-1800 & 1860



II 1G

Ex ia IIC T4 Ga

(-20°C ≤ Tamb ≤ +50°C)

ToxiRAE Pro PGM-1820



Production Quality Assurance

Notified Body: DNV GL Nemko Presafe AS
Veritasveien 3 1363 Høvik, Norway

Notified Body Number: 2460

QA Notification Number: Presafe 16 ATEX 7788Q

Conforms to:
EN ISO/IEC 80079-34:2011 Explosive atmospheres. Application of quality systems for equipment manufacture

Radio Equipment Directive 2014/53/EU

Conforms to:

EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

EN 301 489-1 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices operating on frequencies between 9 kHz and 40 GHz

EMC Directive 2014/30/EU

Conforms to:
EN 50270:2015 Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen

RoHS Directive 2015/863/EU

Consideration given to:
EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signature:

Name: James Pan
Quality Engineer

Date: 23rd April 2021

For and on behalf of: RAE Systems Inc., A Honeywell Company, 1349 Moffett Park Drive, Sunnyvale, California, 94089, USA