



EU Declaration of Conformity

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

MultiRAE (PGM 62a0x, PGM 62a6x, PGM62a8x)

Declaration Number: 2004Y0112_05

Description: Wireless, portable multi-gas monitor with advanced VOC detection

Intended Use: Monitoring of volatile organic compounds, toxic and combustible gases and radiation, in hazardous and potentially hazardous areas

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.

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 11ATEX2152X

Conforms to:

EN 60079-0:2012* Explosive atmospheres. General requirements

EN 60079-11:2012 Explosive atmospheres. Equipment protection by intrinsic safety "i"

Type Approval:

	<u>With RAE LEL sensor</u>	
⊕	I M1	⊕
	Ex ia I Ma	II 1G
	Ta = -20°C ≤ Tamb ≤ +50°C	Ex ia IIC T4 Ga
		Ta = -20°C ≤ Tamb ≤ +50°C
	<u>With Dynamet LEL sensor</u>	
⊕	I M1	⊕
	Ex ia I Ma	II 2G
	Ta = -20°C ≤ Tamb ≤ +50°C	Ex ia d IIC T4 Gb
		Ta = -20°C ≤ Tamb ≤ +50°C

* There are no significant changes relevant to the product between EN 60079-0:2012 and EN 60079-0:2012+A11:2013, therefore certification remains current.



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

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
EN IEC 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-4:2007 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments

Radio Equipment Directive 2014/53/EU

Conforms to:
EN 300 328 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
EN 300 220-2 V3.1.1 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

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