



Honeywell

EU Declaration of Conformity

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

MeshGuard (FTD-3000)

Declaration Number: 2004Y0107_02

Description: Single combustible gas LEL detector integrated with a wireless mesh network enabled transmission radio module

Intended Use: Relaying wireless signals to other MeshGuard LELs as needed to bypass obstacles.

Manufacturer: RAE Systems by Honeywell
3775 North First Street, San Jose, CA 95134 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: DNV GL AS
P.O. Box 300 Veritasveien 1, 1322 Hovik, Norway

Notified Body Number: 0575

EC Certificate Number: DNV 09ATEX55990X

Conforms to:

EN 60079-0 Explosive atmospheres. General requirements
EN 60079-11 Explosive atmospheres. Equipment protection by intrinsic safety "I"

Type Approval:  I/II 1 G Ex ia I/II C T4

Production Quality Assurance

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

Notified Body Number: 2460

QA Notification Number: DNV 05 ATEX 0259Q

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

Radio Equipment Directive 2014/53/EU

Conforms to:

EN 300 328

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 301 489-1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

EN 50371

Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz - 300 GHz). General public

RoHS Directive 2011/65/EU

Consideration given to:

EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signature:

Name:

John Zhou
Quality Leader

Date: 30th November 2017

For and on behalf of

RAE Systems by Honeywell
3775 North First Street, San Jose, CA 95134 USA

* Tested with RAEPowerPak Type FTB-1000 as power source.