Certificate of Compliance to IEC 61508

FM Approvals
Certifies herewith that the

Infrared Point Combustible Gas Detector
Model IR400
(Safety Manual [MANIRSAFETY])

General Monitors Inc
26776 Simpatica Cr
Lake Forest, CA 92630
United States

Complies with the relevant requirements of standards listed below:

Standards	Description	Compliance
IEC 61508-1 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2
IEC 61508-3-2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- Software Requirements	Part 3

And therefore

IS DECLARED "FIT FOR USE" IN A SIL 3, 2 or 1
1oo1 Low Demand SAFETY APPLICATION

Models	SIL	HFT	SFF	PFD	λ_S	λ_{DD}	λ_{DU}
IR400	3, 2, 1	0	>99%	3.75×10^{-5}	2.1×10^{-6}	2.25×10^{-6}	2.64×10^{-8}

This certificate is subject to conditions of use presented in FM Approval Report Project ID 3034949, 3055292

18 May 2015
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Date

J.E. Marquedant
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