



# Certificate of Compliance to IEC 61508

**FM Approvals**  
Certifies herewith that the

*Intelligent Sensor for H<sub>2</sub>S Gas Detection (European Apps.)*  
Model S4100T  
(Safety Manual [MANH2SSAFETY])

General Monitors, Inc.  
26776 Simpatica Circle  
Lake Forest, CA 92630

**Complies with the relevant requirements of standards listed below:**

Standards	Description	Compliance
IEC 61508-1 1997	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2 2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2
IEC 61508-3-2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- Software Requirements	Part 3

And therefore

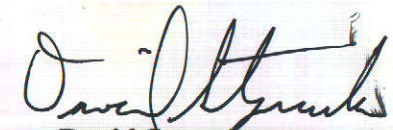
**IS DECLARED "FIT FOR USE" IN A SIL 3, 2 or 1  
1oo1 Low Demand SAFETY APPLICATION**

PFD	SFF	$\lambda$ S	$\lambda$ DD	$\lambda$ DU
3E-4	>99%	2.5E-6	1.1E-5	3.3E-8

*This certificate is subject to conditions of use presented in FM Approval Report  
Project ID # 3034949  
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*Member of the FM Global Group*

  
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