



GENERAL MONITORS

Protection for life.

Safety Integrity Level Certificate

Certified Product(s):

FL4000 Flame Detector

Certificate Issue Date:

November 15, 2005

Manufacturers:

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

Certificate Number:

GMT – SIL CERT 001

Applicable Standard:

IEC 61508-1:2001

General Monitors Ltd.
Ballybrit Business Park
Galway, Republic of Ireland

Certification Assessment:

The certificate is based on an FMEDA assessment that was conducted internally by General Monitors and validated independently by David J. Smith of Technis (report # T227) in 2005. Based on this assessment, the equipment is suitable for use in the following SIL applications:

Product	Safe Failure Fraction	Probability of Failure on Demand*	SIL Capability (Un-Voted Configuration)
FL4000	> 99%	1.7×10^{-5}	SIL 3

* Assumes a repair time of 4 hours and a proof test interval of 3 months.

This certificate is issued by General Monitors and may only be used in its entirety and without change.

Shafiq Khan
Director of Corporate Quality & Reliability