



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 02ATEX9379

4 Equipment: 4802A Hydrocarbon Point Gas Detector

5 Applicant: General Monitors Inc.

6 Address: 26776 Simpatica Circle
Lake Forest
California

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R52A9622A.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 61779-1:2000
EN 61779-4:2000

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II (2) G
(Ta = -18°C to +66°C)

Project Number 52A9622
Date 22 November 2002
C. Index 14

M D Shearman
Certification Manager

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Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330
Email: exhazard@siratc.co.uk



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 02ATEX9379

13 **DESCRIPTION OF EQUIPMENT**

The 4802A Hydrocarbon Point Gas Detector is a single channel gas detection module that is intended for use in a fixed installation combustible gas detection system. The module connects to a General Monitors catalytic bead sensor mounted in the hazardous area.

The equipment forms a Safety Related Device and complies with the requirements of Directive 94/9/EC Essential Health and Safety Requirements 1.5 and 1.6, with applicable sub-clauses.

The module is intended for use with type 11159-1, 11159-2, 11159-4, 11159-5, 11159-6, 11159-7 and 11159-1L, 11159-2L, 11159-4L, 11159-5L, 11159-6L, 11159-7L sensors.

14 **DESCRIPTIVE DOCUMENTS**

14.1	Drawing No.	Rev.	Sheet	Date	Title
	11145	G	1 of 2	29 July 93	Schematic diagram, control board
	11145	G	2 of 2	29 July 93	Schematic diagram, control board
	11219	A	1 of 1	21 Nov 02	Labelling details

14.2 Report No. R52A9622

15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)

None

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R52A9622A.

17 **CONDITIONS OF CERTIFICATION**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

Date 22 November 2002

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EC TYPE-EXAMINATION CERTIFICATE VARIATION

CERTIFICATE NUMBER Sira 02ATEX9379 Dated 22 November 2002

VARIATION NUMBER 1 (ONE) Dated 24 October 2005

VARIATION TO EQUIPMENT

To permit:

- 1 The introduction of additional notes on drawing number 11145; these notes are specific to non-ATEX approvals that utilise the common certified drawing.

DESCRIPTIVE DOCUMENTS

Number	Sheet	Rev	Date	Description
11145	1 of 2	H	28 June 03	Schematic diagram, control board
11145	2 of 2	H	28 June 03	Schematic diagram, control board

ADDITIONAL CONDITIONS OF CERTIFICATION

None

File No. 51A14007

Report No. R51A14007A

C Ellaby
Certification Officer

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