

(1) **EC-TYPE EXAMINATION CERTIFICATE**

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 03ATEX2101** Issue Number: **2**

(4) Equipment: **Gas Detector Type FGD9**

(5) Manufacturer: **Status Scientific Controls Ltd**

(6) Address: **Hermitage Lane Industrial Estate, Kings Mill Way, Mansfield, Nottinghamshire NG18 5ER, England**

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

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council 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 and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential test report number 2095173.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 50014 : 1997 + A1, A2**

**EN 50018 : 2000 + A1**

(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, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

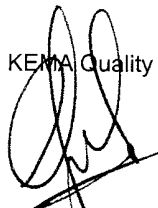
(12) The marking of the equipment shall include the following:



**II 2 G EEx d IIC T4**

This certificate is issued on 27 October 2006 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.



C.G. van Es  
Certification Manager





(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 03ATEX2101 Issue No. 2**

(15) **Description**

The Gas Detector Type FGD9 consists of an electronics enclosure and an integrally mounted gas sensor both in type of protection flameproof enclosure “d” and is used for the detection of gas in a potentially explosive atmosphere.

Ambient temperature range -20°C ... +60°C.

**Electrical data**

Power supply ..... 12 Vdc ... 24 Vdc, 5 W  
Relay contact rating ..... 300 Vac, 3 A

**Functional performance**

The examination of the gas detector does not include a judgement of the functional performance of the apparatus.

**Installation instructions**

The cable entry devices and blanking elements of unused apertures shall be of a certified flameproof type, suitable for the conditions of use and correctly installed.

With the use of conduit, a suitable certified sealing device such as a stopping box with compound shall be provided immediately at the entrance to the flameproof enclosure.

**Routine tests**

None.

(16) **Test Report**

KEMA No. 2095173.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2095173.